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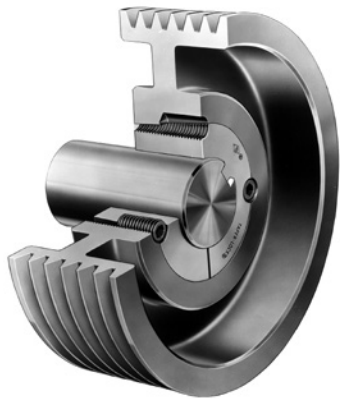
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FEATURES/BENEFITS

TAPER-LOCK and QD Sheaves



**TAPER-LOCK
Sheaves**



QD Sheaves

DODGE Branded Sheaves come in two bushing styles, QD and Taper-Lock®. In addition to these bushing choices, DODGE now offers choices within our QD Sheaves line. Our QD Sheave line comes in a Standard Duty (SD) and a Heavy Duty (HD) offering.

Dodge QD SD Sheave Line offers:

- Economical Solution for everyday V-Belt power transmission applications
- Quality materials
- Manufacturing to Industry recognized tolerances
- Power transmission applications standard sheave loads and torque

Great for standard applications, such as air handling and fluid pumping.

Dodge QD HD Sheave Line offers:

- High strength solution for higher torque and heavy load applications
- Rigid Hubs and High strength arms
- Quality materials
- Manufacturing to Industry recognized tolerances

Great for Harsh duty applications, such as Rock Crushers and Wood Chippers.

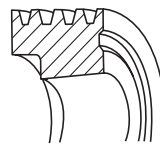
Dodge Taper-Lock Sheave Line offers:

- A premium solution
- A Bushing system that pound for pound carries more torque, than the QD system.
- A Bushing system that reduces overhung load increasing the life of the other power transmission products in the system.
- An easy on and easy off bushing system with fewer components to install.
- Quality materials
- Manufacturing to Industry recognized tolerances

Great for Standard and Harsh duty applications, suitable for all applications.

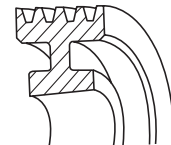
Sheaves are manufactured in DODGE plants under strict quality control assurances. Precision machining meets or exceeds joint RMA/MPTA industry standards for smooth operation plus extended belt life. DODGE manufactures all sheaves in plants certified to ISO 9002 Quality Standards.

Sheave Construction



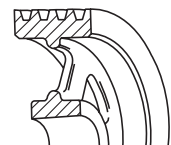
DASH 1
BLOCK

Type 1



DASH 2
WEB

Type 2



DASH 3
ARM

Type 3

DODGE stock sheaves are manufactured from high quality gray iron. They are given a corrosion-resistant finish before packaging and shipping. Sheave construction follows the general format illustrated above: smaller sheaves are of the block construction, intermediate sizes of the web type, and large sheaves of the arm- type construction.



TAPER-LOCK and QD Sheaves

Sheave Balance

Static balance of stock sheaves is suitable for most applications up to a rim speed of 6500 FPM. Dynamic (two-plane) balance is available at extra charge for applications that are more sensitive to vibration. Dynamic balance is recommended for operation above 6500 FPM.

V-Drive Advantages

- Isolates shock loads and vibration.
- Misalignment capability.
- Drive ratios of 6:1 or more possible.
- Stock drive selections up to:
 - 1100 design HP at 1180 RPM
 - 800 design HP at 1770 RPM
- Low maintenance.
- No lubrication required.
- Quiet operation: Motors, etc. are normally at a higher db level than V-Drives.
- Efficiency of 93% is typical.

Computer Selection

For fast, accurate evaluation of viable V-Drive alternatives, use the DODGE VIA-VISA software program which is available on the website www.dodge-pt.com. Just type the required information on the user-friendly input screen and let the software do the rest. All the significant data on the drive combinations is presented: Cost, RPM, shaft loading, installation tension, face width and diameter, etc. This is shown in a format that allows you to select the best drive for the application. See page PT7-123 for complete information on VIA-VISA.

WARNING

Stock sheaves are manufactured from gray iron, which is suitable for operation up to 6500 feet per minute rim speed (e.g. 14, max. dia. on a 1750 RPM motor). Operation above this rim speed may cause sheave failure resulting in personnel and/or equipment damage. Refer to the Made-To-Order sheave section for constructions that are suitable for operation at higher rim speeds.

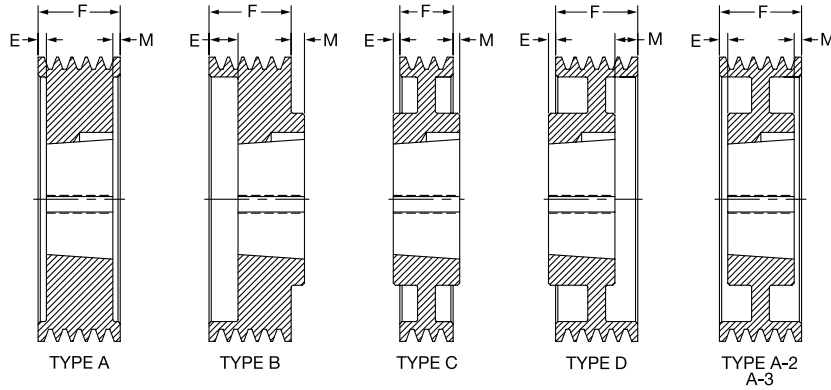
ARAMIDE CORD BELTS WARNING:

Because of the high horsepower rating of Aramide (Kevlar) cord belts, stock sheaves can not be used. Contact DODGE for made to order high capacity sheaves at 864-234-5700.



SELECTION/DIMENSIONS

3V TAPER-LOCK SHEAVES



1-Groove F = **						
O.D.Δ	Part No.	Description	Wt.	Type‡	E	M
2.65	112124	1/3V2.65-1108	.75	A1	.06	0
2.8	112125	1/3V2.8-1108	.85	A1	.06	0
3.0	112126	1/3V3.0-1108	1.0	A1	.06	0
3.15	112127	1/3V3.15-1108	1.0	A1	.06	0
3.35	112175	1/3V3.35-1610	1.1	A1	.11	.05
3.65	112176	1/3V3.65-1610	1.3	A1	.11	.05
4.12	112177	1/3V4.12-1610	2.0	A1	.11	.05
4.5	112178	1/3V4.5-1610	2.3	A1	.11	.05
4.75	112179	1/3V4.75-1610	2.6	A1	.11	.05
5.0	112180	1/3V5.0-1610	2.9	A1	.11	.05
5.3	112181	1/3V5.3-1610	3.3	A1	.11	.05
5.6	112182	1/3V5.6-1610	3.7	A1	.11	.05
6.0	112183	1/3V6.0-1610	4.2	B1	0	.31
6.5	112184	1/3V6.5-1610	5.0	B1	0	.31
6.9	112185	1/3V6.9-1610	5.6	B1	0	.31
8.0	112008	1/3V8.0-2517	8.5	B1	0	1.06
10.6	112009	1/3V10.6-2517	14.0	B1	0	1.06
14.0	112010	1/3V14.0-2517	20.0	C3	0	.94
19.0	112011	1/3V19.0-3020	20.0	C3	0	.91

** 2.65-3.15=0.94, 3.35-5.6=1.06, 6.0-10.6=0.69, 14.0=0.81, 19.0=1.09

3-Groove F = 1.50						
O.D.Δ	Part No.	Description	Wt.	Type‡	E	M
2.65	112130	3/3V2.65-1108	1.0	A1	.06	.56
2.8	112131	3/3V2.8-1108	1.1	A1	.06	.56
3.0	112199	3/3V3.0-1210	1.8	A1	.11	.40
3.15	112200	3/3V3.15-1210	1.5	A1	.11	.40
3.35	112201	3/3V3.35-1610	1.8	A1	.11	.40
3.65	112202	3/3V3.65-1610	2.0	A1	.11	.40
4.12	112203	3/3V4.12-1610	2.6	A1	0	.50
4.5	112204	3/3V4.5-1610	3.2	A1	0	.50
4.75	112205	3/3V4.75-1610	3.7	A1	0	.50
5.0	112206	3/3V5.0-1610	4.2	A1	0	.50
5.3	112207	3/3V5.3-1610	4.8	A1	0	.50
5.6	112208	3/3V5.6-1610	5.5	A1	0	.50
6.0	112038	3/3V6.0-2517	7.4	B1	0	.25
6.5	112144	3/3V6.5-2517	9.1	B1	0	.25
6.9	112145	3/3V6.9-2517	10.0	B1	0	.25
8.0	112039	3/3V8.0-2517	15.0	B1	0	.25
10.6	112040	3/3V10.6-2517	18.0	C2	0	.25
14.0	112041	3/3V14.0-2517	25.0	C3	0	.25
19.0	112042	3/3V19.0-3020	34.0	C3	0	.50
25.0	112043	3/3V25.0-3020	36.0	C3	0	.50
33.5	112044	3/3V33.5-3020	53.0	C3	.25	.25

2-Groove F = 1.09						
O.D.Δ	Part No.	Description	Wt.	Type‡	E	M
2.65	112128	2/3V2.65-1108	0.75	A1	.06	.13
2.8	112129	2/3V2.8-1108	0.90	A1	.06	.13
3.0	112186	2/3V3.0-1210	1.4	A1	.11	.05
3.15	112187	2/3V3.15-1210	1.0	A1	.11	.05
3.35	112188	2/3V3.35-1610	1.5	A1	.11	.05
3.65	112189	2/3V3.65-1610	1.6	A1	.11	.05
4.12	112190	2/3V4.12-1610	2.1	A1	.11	.05
4.5	112191	2/3V4.5-1610	2.7	A1	.11	.05
4.75	112192	2/3V4.75-1610	3.1	A1	.11	.05
5.0	112193	2/3V5.0-1610	3.6	A1	.11	.05
5.3	112194	2/3V5.3-1610	4.2	A1	0	.05
5.6	112195	2/3V5.6-1610	4.8	A1	0	.05
6.0	112196	2/3V6.0-1610	5.8	A1	.09	0
6.5	112197	2/3V6.5-1610	7.0	A1	.09	0
6.9	112198	2/3V6.9-1610	8.0	A1	0	.09
8.0	112023	2/3V8.0-2517	11.0	B1	0	.66
10.6	112024	2/3V10.6-2517	15.0	B1	0	.66
14.0	112025	2/3V14.0-2517	22.0	C3	0	.66
19.0	112026	2/3V19.0-3020	22.0	C3	0	.91
25.0	112027	2/3V25.0-3020	30.0	C3	.125	.78

4-Groove F = 1.90						
O.D.Δ	Part No.	Description	Wt.	Type‡	E	M
2.65	112132	4/3V2.65-1108	1.2	A1	.06	.97
2.8	112133	4/3V2.8-1108	1.3	A1	.06	.97
3.0	112209	4/3V3.0-1210	2.1	A1	.11	.80
3.15	112210	4/3V3.15-1210	1.9	A1	.11	.80
3.35	112211	4/3V3.35-1610	2.2	A1	.11	.80
3.65	112212	4/3V3.65-1610	2.0	A1	.11	.80
4.12	112213	4/3V4.12-1610	3.0	A1	0	.91
4.5	112214	4/3V4.5-1610	3.7	A1	0	.91
4.75	112215	4/3V4.75-1610	4.2	A1	0	.91
5.0	112216	4/3V5.0-1610	4.8	A1	0	.91
5.3	112217	4/3V5.3-1610	5.5	A1	0	.91
5.6	112218	4/3V5.6-1610	6.2	A1	0	.91
6.0	112053	4/3V6.0-2517	8.0	A1	0	.16
6.5	112150	4/3V6.5-2517	10.0	A1	0	.16
6.9	112151	4/3V6.9-2517	12.0	A1	0	.16
8.0	112054	4/3V8.0-2517	18.0	A1	0	.16
10.6	112055	4/3V10.6-2517	20.0	A2	0	.16
14.0	112056	4/3V14.0-2517	29.0	A3	0	.16
19.0	112275	4/3V19.0-3020	45.0	C3	0	.09
25.0	112276	4/3V25.0-3020	42.0	D3	.19	.09
33.5	112059	4/3V33.5-3030	73.0	C3	.55	.55

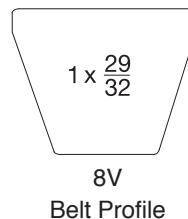
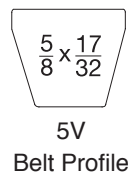
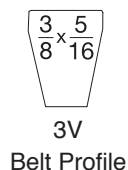
Δ Pitch diameter = O.D. - .05"

‡ Type 1 = Block Type, 2 = Web, 3 = Arm - See page PT7-2.

SELECTION/DIMENSIONS



3V TAPER-LOCK SHEAVES



5-Groove F = 2.31						
O.D.Δ	Part No.	Description	Wt.	Type‡	E	M
4.5	112102	5/3V4.5-1615	4.0	A1	0	.81
4.75	112103	5/3V4.75-2517	3.9	A1	.56	0
5.0	112061	5/3V5.0-2517	5.4	A1	.56	0
5.30	112062	5/3V5.3-2517	6.7	A1	.56	0
5.6	112063	5/3V5.6-2517	7.6	A1	.56	0
6.0	112064	5/3V6.0-2517	11.0	A1	.56	0
6.5	112152	5/3V6.5-2517	11.0	A1	0	.56
6.9	112153	5/3V6.9-2517	14.0	A1	0	.56
8.0	112065	5/3V8.0-2517	20.0	A1	0	.56
10.6	112066	5/3V10.6-2517	27.0	A1	0	.56
14.0	112067	5/3V14.0-2517	29.0	A3	0	.56
19.0	112277	5/3V19.0-3020	51.0	A3	0	.31
25.0	112069	5/3V25.0-3030	58.0	C3	0	.69
33.5	112070	5/3V33.5-3030	82.0	C3	.34	.34

6-Groove F = 2.71						
O.D.Δ	Part No.	Description	Wt.	Type‡	E	M
4.75	112071	6/3V4.75-2517	4.4	A1	.97	0
5.0	112072	6/3V5.0-2517	5.4	A1	.97	0
5.3	112073	6/3V5.3-2517	6.5	A1	.97	0
5.6	112074	6/3V5.6-2517	7.7	A1	.97	0
6.0	112075	6/3V6.0-2517	9.5	A1	0	.97
6.5	112154	6/3V6.5-2517	12.0	A1	0	.97
6.9	112155	6/3V6.9-2517	13.0	A1	0	.97
8.0	112076	6/3V8.0-2517	20.0	A1	0	.97
10.6	112077	6/3V10.6-2517	29.0	A2	0	.97
14.0	112078	6/3V14.0-2517	41.0	A3	.22	.75
19.0	112278	6/3V19.0-3020	51.0	A3	0	.72
25.0	112080	6/3V25.0-3030	72.0	C3	0	.28
33.5	112081	6/3V33.5-3030	92.0	C3	.14	.14

8-Groove F = 3.53						
O.D.Δ	Part No.	Description	Wt.	Type‡	E	M
4.75	112082	8/3V4.75-2517	5.8	A1	1.78	0
5.0	112083	8/3V5.0-2517	6.4	A1	1.78	0
5.3	112084	8/3V5.3-2517	7.8	A1	1.03	.75
5.6	112085	8/3V5.6-2517	9.2	A1	.25	1.53
6.0	112086	8/3V6.0-2517	11.0	A1	.25	1.53
6.5	112156	8/3V6.5-2517	14.0	A1	.25	1.53
6.9	112157	8/3V6.9-2517	16.0	A1	.25	1.53
8.0	112087	8/3V8.0-3020	22.0	A1	.50	1.03
10.6	112088	8/3V10.6-3020	28.0	A2	.50	1.03
14.0	112279	8/3V14.0-3020	52.0	A3	.65	.87
19.0	112090	8/3V19.0-3535	67.0	A3	0	.03
25.0	112091	8/3V25.0-3535	75.0	A3	0	.03
33.5	112092	8/3V33.5-4040	111.0	C3	.23	.23

10-Groove F = 4.34						
O.D.Δ	Part No.	Description	Wt.	Type‡	E	M
4.75	112093	10/3V4.75-2517	7.1	A1	2.59	0
5.0	112094	10/3V5.0-2517	8.2	A1	2.59	0
5.3	112158	10/3V5.3-2517	9.3	A1	1.84	.75
5.6	112159	10/3V5.6-2517	10.0	A1	.50	2.09
6.0	112095	10/3V6.0-2517	13.0	A1	.50	2.09
6.5	112160	10/3V6.5-2517	15.0	A1	.50	2.09
6.9	112161	10/3V6.9-2517	18.0	A1	.81	1.78
8.0	112096	10/3V8.0-3020	25.0	A1	.25	2.09
10.6	112097	10/3V10.6-3020	39.0	A1	.84	1.50
14.0	112098	10/3V14.0-3535	57.0	A3	0	.84
19.0	112099	10/3V19.0-3535	81.0	A3	0	.84
25.0	112100	10/3V25.0-4040	88.0	A3	0	.34
33.5	112101	10/3V33.5-4040	128.0	A3	.17	.17

Δ Pitch diameter = O.D. - .05"

‡ Type 1 = Block Type, 2 = Web, 3 = Arm - See page PT7-2.



SELECTION/DIMENSIONS

5V TAPER-LOCK SHEAVES

2-Groove							F = 1.68	
O.D.Δ	Part No.	Description	Wt.	Type‡	E	M		
4.4++	111200	2/5V4.4-1610	3.0	A1	.06	.62		
4.65++	111201	2/5V4.65-1610	3.0	A1	.06	.62		
4.9++	111202	2/5V4.9-1610	4.0	A1	.06	.62		
5.2++	111203	2/5V5.2-1610	4.0	A1	.06	.62		
5.5++	111255	2/5V5.5-1610	5.0	A1	.06	.62		
5.9++	111204	2/5V5.9-1610	6.0	A1	.06	.62		
6.3++	111205	2/5V6.3-1610	7.0	A1	0	.68		
6.7++	111206	2/5V6.7-1610	9.0	A1	0	.68		
7.1	111132	2/5V7.1-2517	10.0	B1	0	.06		
7.5	111133	2/5V7.5-2517	12.0	B1	0	.06		
8.0	111134	2/5V8.0-2517	14.0	B1	0	.06		
8.5	111135	2/5V8.5-2517	13.0	C2	0	.06		
9.0	111136	2/5V9.0-2517	16.0	C2	0	.06		
9.25	111137	2/5V9.25-3020	17.0	B1	0	.31		
9.75	111138	2/5V9.75-3020	19.0	B1	0	.31		
10.3	111139	2/5V10.3-3020	22.0	C2	0	.31		
10.9	111140	2/5V10.9-3020	24.0	C2	0	.31		
11.3	111207	2/5V11.3-3020	25.0	C2	0	.31		
11.8	111141	2/5V11.8-3020	26.0	C2	0	.31		
12.5	111142	2/5V12.5-3020	28.0	C2	0	.31		
13.2	111143	2/5V13.2-3020	21.0	C3	0	.31		
14.0	111144	2/5V14.0-3020	23.0	C3	0	.31		
15.0	111145	2/5V15.0-3020	26.0	C3	0	.31		
16.0	111146	2/5V16.0-3020	28.0	C3	0	.31		
18.7	111208	2/5V18.7-3020	40.0	C3	0	.31		
21.2	111147	2/5V21.2-3535	45.0	C3	.37	1.44		
23.6	111209	2/5V23.6-3535	56.0	C3	.25	1.56		
28.0	111148	2/5V28.0-3535	68.0	C3	.37	1.43		

3-Groove							F = 2.37	
O.D.Δ	Part No.	Description	Wt.	Type‡	E	M		
4.4++	111210	3/5V4.4-1610	4.0	A1	1.38	0		
4.65++	111211	3/5V4.65-1610	5.0	A1	.06	1.31		
4.9++	111212	3/5V4.9-1610	5.0	A1	.06	1.31		
5.2++	111213	3/5V5.2-1610	6.0	A1	.06	1.31		
5.5++	111256	3/5V5.5-1610	6.0	A1	.06	1.31		
5.9++	111214	3/5V5.9-2517	7.0	A1	0	.62		
6.3++	111215	3/5V6.3-2517	9.0	A1	0	.62		
6.7++	111216	3/5V6.7-2517	10.0	A1	0	.62		
7.1	111001	3/5V7.1-2517	13.0	A1	0	.62		
7.5	111002	3/5V7.5-2517	15.0	A1	0	.62		
8.0	111003	3/5V8.0-2517	18.0	A1	0	.62		
8.5	111004	3/5V8.5-2517	20.0	A1	0	.62		
9.0	111005	3/5V9.0-2517	20.0	A1	0	.62		
9.25	111099	3/5V9.25-3020	21.0	A1	0	.37		
9.75	111100	3/5V9.75-3020	24.0	A2	0	.37		
10.3	111101	3/5V10.3-3020	25.0	A2	0	.37		
10.9	111102	3/5V10.9-3020	27.0	A2	0	.37		
11.3	111217	3/5V11.3-3020	28.0	A2	0	.37		
11.8	111006	3/5V11.8-3020	29.0	A2	0	.37		
12.5	111103	3/5V12.5-3020	32.0	A2	0	.37		
13.2	111007	3/5V13.2-3020	34.0	A3	0	.37		
14.0	111008	3/5V14.0-3020	36.0	A3	0	.37		
15.0	111009	3/5V15.0-3020	36.0	A3	0	.37		
16.0	111010	3/5V16.0-3020	38.0	A3	0	.37		
18.7	111218	3/5V18.7-3020	52.0	A3	0	.37		
21.2	111011	3/5V21.2-3535	60.0	C3	0	1.12		
23.6	111219	3/5V23.6-3535	68.0	C3	0	1.12		
28.0	111012	3/5V28.0-3535	83.0	C3	0	1.12		
31.5	111220	3/5V31.5-3535	96.0	C3	.34	.78		
37.5	111013	3/5V37.5-4040	124.0	C3	.50	1.12		
50.0	111014	3/5V50.0-4040	186.0	C3	.50	1.12		

Δ Pitch diameter = O.D. - .10"

‡ Type 1 = Block Type, 2 = Web, 3 = Arm - See drawings page PT7-2.

++ 5VX Belts only on these sizes.

SELECTION/DIMENSIONS



5V TAPER-LOCK SHEAVES

4-Groove						F = 3.06	
O.D.Δ	Part No.	Description	Wt.	Type‡	E	M	
4.4++	111221	4/5V4.4-1610	6.0	A1	2.06	0	
4.65++	111222	4/5V4.65-1610	6.0	A1	2.06	0	
4.9++	111223	4/5V4.9-1610	6.0	A1	2.06	0	
5.2++	111224	4/5V5.2-1610	7.0	A1	2.06	0	
5.5++	111225	4/5V5.5-2517	8.0	A1	1.31	0	
5.9++	111226	4/5V5.9-2517	10.0	A1	1.31	0	
6.3++	111227	4/5V6.3-2517	11.0	A1	0	1.31	
6.7++	111228	4/5V6.7-2517	12.0	A1	0	1.31	
7.1	111020	4/5V7.1-2517	15.0	A1	0	1.31	
7.5	111021	4/5V7.5-2517	18.0	A1	0	1.31	
8.0	111022	4/5V8.0-2517	21.0	A1	0	1.31	
8.5	111023	4/5V8.5-2517	20.0	A1	0	1.31	
9.0	111035	4/5V9.0-2517	22.0	A1	0	1.31	
9.25	111104	4/5V9.25-3020	27.0	A1	0	1.06	
9.75	111105	4/5V9.75-3020	31.0	A1	0	1.06	
10.3	111106	4/5V10.3-3020	28.0	A1	0	1.06	
10.9	111107	4/5V10.9-3020	31.0	A1	0	1.06	
11.3	111229	4/5V11.3-3020	32.0	A1	0	1.06	
11.8	111025	4/5V11.8-3020	34.0	A2	0	1.06	
12.5	112280	4/5V12.5-3020	40.0	A2	0	1.06	
13.2	112281	4/5V13.2-3020	42.0	A3	0	1.06	
14.0	111028	4/5V14.0-3535	48.0	C2	.43	0	
15.0	111029	4/5V15.0-3535	52.0	C3	.43	0	
16.0	111030	4/5V16.0-3535	53.0	C3	.43	0	
18.7	111230	4/5V18.7-3535	63.0	C3	.43	0	
21.2	111031	4/5V21.2-3535	70.0	C3	0	.43	
23.6	111231	4/5V23.6-3535	79.0	C3	0	.43	
28.0	111032	4/5V28.0-3535	98.0	C3	0	.43	
31.5	111232	4/5V31.5-3535	114.0	C3	0	.43	
37.5	111033	4/5V37.5-4040	148.0	C3	0	.93	
50.0	111034	4/5V50.0-4040	243.0	C3	0	.93	

5-Groove						F = 3.75	
O.D.Δ	Part No.	Description	Wt.	Type‡	E	M	
5.9++	111233	5/5V5.9-2517	11.0	A1	.56	1.43	
6.3++	111234	5/5V6.3-2517	12.0	A1	.56	1.43	
6.7++	111235	5/5V6.7-2517	13.0	A1	.56	1.43	
7.1	111038	5/5V7.1-3020	16.0	A1	.50	1.25	
7.5	111039	5/5V7.5-3020	19.0	A1	.50	1.25	
8.0	111040	5/5V8.0-3020	22.0	A1	.50	1.25	
8.5	111041	5/5V8.5-3020	26.0	A1	.50	1.25	
9.0	111042	5/5V9.0-3020	30.0	A1	.50	1.25	
9.25	111108	5/5V9.25-3020	31.0	A1	.50	1.25	
9.75	111109	5/5V9.75-3020	36.0	A1	.50	1.25	
10.3	111110	5/5V10.3-3020	33.0	A1	.50	1.25	
10.9	111111	5/5V10.9-3020	36.0	A1	.50	1.25	
11.3	111236	5/5V11.3-3020	38.0	A1	.50	1.25	
11.8	111043	5/5V11.8-3020	40.0	A2	.50	1.25	
12.5	111044	5/5V12.5-3535	54.0	A2	0	.25	
13.2	111045	5/5V13.2-3535	57.0	A2	0	.25	
14.0	111046	5/5V14.0-3535	57.0	A3	0	.25	
15.0	111047	5/5V15.0-3535	65.0	A3	0	.25	
16.0	111048	5/5V16.0-3535	70.0	A3	0	.25	
18.7	111237	5/5V18.7-3535	84.0	A3	0	.25	
21.2	111049	5/5V21.2-4040	81.0	C3	0	.25	
23.6	111238	5/5V23.6-4040	92.0	C3	0	.25	
28.0	111050	5/5V28.0-4040	115.0	C3	0	.25	
31.5	111239	5/5V31.5-4040	155.0	C3	0	.25	
37.5	111051	5/5V37.5-4040	190.0	C3	0	.25	
50.0	111052	5/5V50.0-4545	280.0	C3	0	.75	

Δ Pitch diameter = O.D. - .10"

‡ Type 1 = Block Type, 2 = Web, 3 = Arm - See drawings page PT7-2.

++ 5VX Belts only on these sizes.

V-Drives

FHP Drives

Drive Component
Accessories

DYNA-SYNC

HT200/HTD
Synchronous Drives

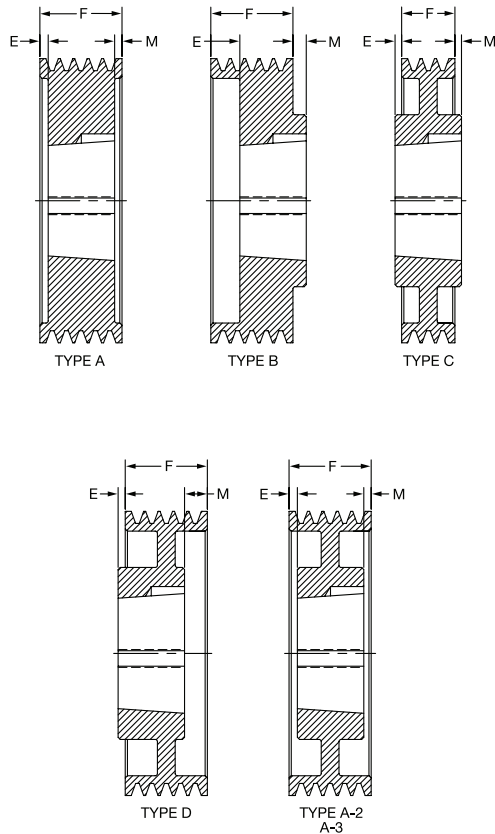
HT500
Synchronous Drives

Roller Chain Sprockets



SELECTION/DIMENSIONS

5V TAPER-LOCK SHEAVES



6-Groove				F = 4.43		
O.D.Δ	Part No.	Description	Wt.	Type‡	E	M
5.9++	111240	6/5V5.9-2517	13.0	A1	1.12	1.56
6.3++	111241	6/5V6.3-2517	13.0	A1	.81	1.87
6.7++	111242	6/5V6.7-2517	15.0	A1	.81	1.87
7.1	111056	6/5V7.1-3020	18.0	A1	.75	1.68
7.5	111057	6/5V7.5-3020	21.0	A1	.75	1.68
8.0	111058	6/5V8.0-3020	24.0	A1	.75	1.68
8.5	111059	6/5V8.5-3020	28.0	A1	.75	1.68
9.0	111060	6/5V9.0-3020	32.0	A1	.75	1.68
9.25	111112	6/5V9.25-3535	41.0	A1	0	.93
9.75	111113	6/5V9.75-3535	48.0	A1	0	.93
10.3	111114	6/5V10.3-3535	56.0	A1	0	.93
10.9	111115	6/5V10.9-3535	65.0	A1	0	.93
11.3	111243	6/5V11.3-3535	53.0	A1	0	.93
11.8	111061	6/5V11.8-3535	59.0	A2	0	.93
12.5	111062	6/5V12.5-3535	59.0	A2	0	.93
13.2	111063	6/5V13.2-3535	67.0	A2	0	.93
14.0	111064	6/5V14.0-3535	67.0	A2	0	.93
15.0	111065	6/5V15.0-4040	82.0	A2	0	.43
16.0	111066	6/5V16.0-4040	84.0	A2	0	.43
18.7	111244	6/5V18.7-4040	97.0	A2	0	.43
21.2	111067	6/5V21.2-4040	91.0	A3	0	.43
23.6	111245	6/5V23.6-4040	124.0	A3	0	.43
28.0	111068	6/5V28.0-4040	149.0	A3	0	.43
31.5	111246	6/5V31.5-4040	171.0	A3	0	.43
37.5	111069	6/5V37.5-4545	214.0	C3	0	.06
50.0	111070	6/5V50.0-4545	336.0	D3	.50	.56

8-Groove				F = 5.81		
O.D.Δ	Part No.	Description	Wt.	Type‡	E	M
7.1	111075	8/5V7.1-3030	24.0	A1	1.00	1.81
7.5	111076	8/5V7.5-3030	28.0	A1	1.00	1.81
8.0	111077	8/5V8.0-3030	33.0	A1	1.00	1.81
8.5	111078	8/5V8.5-3030	38.0	A1	1.00	1.81
9.0	111079	8/5V9.0-3535	44.0	A1	1.00	1.31
9.25	111116	8/5V9.25-3535	45.0	A1	1.00	1.31
9.75	111117	8/5V9.75-3535	51.0	A1	1.00	1.31
10.3	111118	8/5V10.3-3535	60.0	A1	1.00	1.31
10.9	111119	8/5V10.9-3535	68.0	A1	1.00	1.31
11.3	111247	8/5V11.3-3535	57.0	A1	1.00	1.31
11.8	111080	8/5V11.8-3535	63.0	A1	1.00	1.31
12.5	111081	8/5V12.5-4040	102.0	A1	.25	1.56
13.2	111082	8/5V13.2-4040	82.0	A1	.25	1.56
14.0	111083	8/5V14.0-4040	87.0	A1	.25	1.56
15.0	111084	8/5V15.0-4040	97.0	A2	.25	1.56
16.0	111085	8/5V16.0-4040	102.0	A2	.25	1.56
18.7	111248	8/5V18.7-4040	112.0	A3	.25	1.56
21.2	111086	8/5V21.2-4040	129.0	A3	.25	1.56
23.6	111249	8/5V23.6-4040	145.0	A3	.25	1.56
28.0	111087	8/5V28.0-4545	178.0	A3	.25	1.06
31.5	111250	8/5V31.5-4545	228.0	A3	.25	1.06
37.5	111088	8/5V37.5-4545	279.0	A3	.25	1.06
50.0	111089	8/5V50.0-4545	403.0	A3	.25	1.06

10-Groove				F = 7.18		
O.D.Δ	Part No.	Description	Wt.	Type‡	E	M
8.0	111120	10/5V8.0-3030	36.0	A1	1.00	3.18
8.5	111121	10/5V8.5-3030	42.0	A1	1.00	3.18
9.0	111122	10/5V9.0-3535	47.0	A1	1.00	2.68
9.25	111123	10/5V9.25-4040	46.0	A1	1.00	2.18
9.75	111124	10/5V9.75-4040	54.0	A1	1.00	2.18
10.3	111125	10/5V10.3-4040	64.0	A1	1.00	2.18
10.9	111126	10/5V10.9-4040	73.0	A1	1.00	2.18
11.3	111251	10/5V11.3-4040	80.0	A1	1.00	2.18
11.8	111127	10/5V11.8-4040	92.0	A1	1.00	2.18
12.5	111090	10/5V12.5-4040	107.0	A1	.38	2.81
13.2	111091	10/5V13.2-4040	107.0	A1	.38	2.81
14.0	111092	10/5V14.0-4545	106.0	A1	.75	1.93
15.0	111093	10/5V15.0-4545	116.0	A1	.69	2.00
16.0	111094	10/5V16.0-4545	126.0	A2	0	2.68
18.7	111252	10/5V18.7-4545	116.0	A2	.50	2.18
21.2	111095	10/5V21.2-4545	149.0	D3	.50	3.18
23.6	111253	10/5V23.6-4545	191.0	A3	.50	2.18
28.0	111096	10/5V28.0-4545	227.0	A3	.75	1.93
31.5	111254	10/5V31.5-4545	259.0	A3	.75	1.93
37.5	111097	10/5V37.5-4545	320.0	A3	.75	1.93
50.0	111098	10/5V50.0-5050	471.0	A3	.75	1.43

Δ Pitch diameter = O.D. - .10"

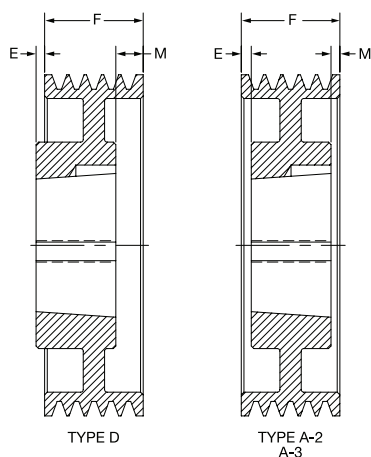
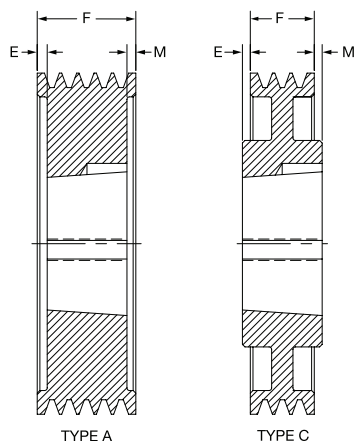
‡ Type 1 = Block Type, 2 = Web, 3 = Arm - See page PT7-2.

++ 5VX Belts only on these sizes.

SELECTION/DIMENSIONS



8V TAPER-LOCK SHEAVES



4-Groove				F = 4.87		
O.D.Δ	Part No.	Description	Wt.	Type‡	E	M
12.5	110003	4/8V12.5-4040	83.0	A1	0	.87
13.2	110008	4/8V13.2-4040	125.0	A2	0	.87
14.0	110950	4/8V14.0-4040	88.0	A2	0	.87
15.0	110951	4/8V15.0-4040	111.0	A2	.50	.37
16.0	110952	4/8V16.0-4040	105.0	A2	.44	.44
17.0	110953	4/8V17.0-4040	150.0	A2	0	.87
18.0	110954	4/8V18.0-4040	150.0	A2	0	.87
19.0	110955	4/8V19.0-4040	146.0	A2	0	.87
20.0	110015	4/8V20.0-4545	145.0	A2	0	.37
21.2	110016	4/8V21.2-4545	138.0	A2	0	.37
22.4	110004	4/8V22.4-4545	147.0	A2	0	.37
24.8	110681	4/8V24.8-5050	191.0	D3	.94	.81
30.0	110957	4/8V30.0-5050	233.0	D3	1.12	1.00
35.5	110900	4/8V35.5-5050	278.0	D3	1.12	1.00
40.0	110006	4/8V40.0-5050	324.0	D3	1.12	1.00
44.5	110002	4/8V44.5-5050	367.0	D3	.25	.12
53.0	110007	4/8V53.0-5050	469.0	B3	1.12	1.25

5-Groove				F = 6.00		
O.D.Δ	Part No.	Description	Wt.	Type‡	E	M
12.5	110958	5/8V12.5-4040	96.0	A2	.18	1.81
13.2	110959	5/8V13.2-4040	100.0	A2	.18	1.81
14.0	110960	5/8V14.0-4040	107.0	A2	.18	1.81
15.0	110961	5/8V15.0-4040	106.0	A2	.18	1.81
16.0	110962	5/8V16.0-4040	110.0	A2	.50	1.50
17.0	110023	5/8V17.0-4545	120.0	A3	0	1.50
18.0	110024	5/8V18.0-4545	180.0	A3	0	1.50
19.0	110025	5/8V19.0-4545	200.0	A3	0	1.50
20.0	110026	5/8V20.0-4545	145.0	A3	0	1.50
21.2	110027	5/8V21.2-4545	185.0	A3	0	1.50
22.4	110028	5/8V22.4-4545	176.0	A3	0	1.50
24.8	110682	5/8V24.8-5050	206.0	A3	0	1.50
30.0	110029	5/8V30.0-5050	319.0	D3	.62	1.62
35.5	110046	5/8V35.5-5050	399.0	A3	0	1.00
40.0	110017	5/8V40.0-5050	350.0	A3	0	1.00
44.5	110047	5/8V44.5-5050	572.0	A3	0	1.00
53.0	110018	5/8V53.0-5050	565.0	A3	0	1.00

6-Groove				F = 7.12		
O.D.Δ	Part No.	Description	Wt.	Type‡	E	M
12.5	110964	6/8V12.5-4040	98.0	A1	1.00	2.12
13.2	110965	6/8V13.2-4040	114.0	A2	1.00	2.12
14.0	110966	6/8V14.0-4040	134.0	A2	1.00	2.12
15.0	110033	6/8V15.0-4545	146.0	A2	.50	2.12
16.0	110034	6/8V16.0-4545	140.0	A2	.12	2.50
17.0	110035	6/8V17.0-4545	143.0	A2	.50	2.12
18.0	110036	6/8V18.0-4545	164.0	A2	.50	2.12
19.0	110037	6/8V19.0-4545	166.0	A3	.50	2.12
20.0	110967	6/8V20.0-5050	144.0	D3	1.31	3.43
21.2	110968	6/8V21.2-5050	201.0	A3	.19	1.94
22.4	110969	6/8V22.4-5050	212.0	D3	1.13	3.25
24.8	110683	6/8V24.8-5050	236.0	D3	.13	2.25
30.0	110041	6/8V30.0-5050	292.0	A3	.06	2.06
35.5	110049	6/8V35.5-5050	363.0	A3	.50	1.62
40.0	110042	6/8V40.0-5050	423.0	A3	.50	1.62
44.5	110064	6/8V44.5-5050	485.0	A3	.50	1.62
53.0	110043	6/8V53.0-5050	621.0	A3	.50	1.62

Δ Pitch diameter = O.D. - .20"

‡ Type 1 = Block Type, 2 = Web, 3 = Arm - See drawings page PT7-2.



SELECTION/DIMENSIONS

8V TAPER-LOCK SHEAVES

8-Groove					F = 9.37	
O.D.Δ	Part No.	Description	Wt.	Type‡	E	M
12.5	110050	8/8V12.5-4545	150.0	A1	1.50	3.37
13.2	110051	8/8V13.2-4545	141.0	A2	1.50	3.37
14.0	110052	8/8V14.0-4545	160.0	A2	1.50	3.37
15.0	110053	8/8V15.0-4545	185.0	A2	1.50	3.37
16.0	110054	8/8V16.0-4545	168.0	A2	1.50	3.37
17.0	110971	8/8V17.0-5050	179.0	A2	.18	4.18
18.0	110056	8/8V18.0-5050	204.0	A2	.18	4.18
19.0	110057	8/8V19.0-5050	223.0	A2	.18	4.18
20.0	110058	8/8V20.0-5050	178.0	A2	.18	4.18
21.2	110059	8/8V21.2-5050	192.0	A3	.18	4.18
22.4	110060	8/8V22.4-5050	249.0	A3	.18	4.18
24.8	110065	8/8V24.8-5050	285.0	A3	2.12	2.25
30.0	110061	8/8V30.0-5050	356.0	A3	1.18	3.18
35.5	110066	8/8V35.5-5050	441.0	A3	1.00	3.37
40.0	110062	8/8V40.0-5050	517.0	A3	1.00	3.37
44.5	110973	8/8V44.5-6050	596.0	A3	1.00	3.37
53.0	110974	8/8V53.0-6050	759.0	A3	1.00	3.37

10-Groove					F = 11.62	
O.D.Δ	Part No.	Description	Wt.	Type‡	E	M
12.5	- - -	10/8V12.5-4545	- - -	A1	2.06	5.06
13.2	110071	10/8V13.2-4545	150.0	A1	2.06	5.06
14.0	110072	10/8V14.0-4545	175.0	A2	2.06	5.06
15.0	110073	10/8V15.0-5050	175.0	A2	1.31	4.68
16.0	110074	10/8V16.0-5050	200.0	A2	2.18	4.43
17.0	110075	10/8V17.0-5050	210.0	A2	2.25	4.37
18.0	110076	10/8V18.0-5050	220.0	A2	2.25	4.37
19.0	110077	10/8V19.0-5050	240.0	A3	2.25	4.37
20.0	110078	10/8V20.0-5050	211.0	A3	2.25	4.37
21.2	110079	10/8V21.2-5050	270.0	A3	2.50	4.12
22.4	110080	10/8V22.4-5050	291.0	A3	2.25	4.37
24.8	110068	10/8V24.8-5050	328.0	A3	2.37	4.25
30.0	110081	10/8V30.0-5050	416.0	A3	2.25	4.37
35.5	110976	10/8V35.5-6050	517.0	A3	2.25	4.37
40.0	110977	10/8V40.0-6050	606.0	A3	2.25	4.37
44.5	110978	10/8V44.5-6050	701.0	A3	2.25	4.37
53.0	110979	10/8V53.0-6050	898.0	A3	2.25	4.37

12-Groove					F = 13.87	
O.D.Δ	Part No.	Description	Wt.	Type‡	E	M
12.5	110980	12/8V12.5-5050	153.0	A1	3.18	5.68
13.2	110981	12/8V13.2-5050	180.0	A1	3.00	5.87
14.0	110982	12/8V14.0-5050	186.0	A1	3.18	5.68
15.0	110983	12/8V15.0-5050	221.0	A2	1.88	7.00
16.0	110984	12/8V16.0-5050	247.0	A2	1.88	7.00
17.0	110985	12/8V17.0-5050	267.0	A2	3.50	5.38
18.0	110986	12/8V18.0-5050	274.0	A2	3.53	5.34
19.0	110987	12/8V19.0-5050	306.0	A2	2.25	6.62
20.0	110988	12/8V20.0-5050	249.0	A3	2.25	6.62
21.2	110989	12/8V21.2-5050	294.0	A3	2.25	6.62
22.4	110990	12/8V22.4-5050	337.0	A3	2.25	6.62
24.8	110991	12/8V24.8-5050	380.0	A3	5.37	3.50
30.0	110992	12/8V30.0-6050	482.0	A3	4.00	4.87
35.5	110993	12/8V35.5-6050	597.0	A3	4.00	4.87
40.0	110994	12/8V40.0-6050	702.0	A3	4.00	4.87
44.5	110995	12/8V44.5-6050	814.0	A3	4.00	4.87
53.0	110996	12/8V53.0-7060	1077.0	A3	5.00	2.87

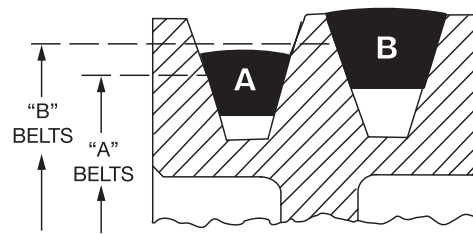
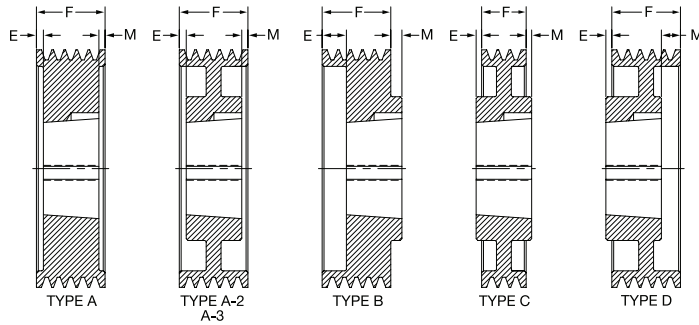
Δ Pitch diameter = O.D. - .20"

‡ Type 1 = Block Type, 2 = Web, 3 = Arm - See drawings page PT7-2.

SELECTION/DIMENSIONS



A/B TAPER-LOCK SHEAVES



Drawing illustrates how either A or B belts may be used with Dual Duty groove sheaves.

1-Groove						F = **
O.D.Δ	Part No.	Description	Wt.	Type‡	E	M
3.75	118190	1A3.0B3.4-1210	1.5	A1	.11	.04
3.95	118191	1A3.2B3.6-1210	1.7	A1	.11	.04
4.15	118301	1A3.4B3.8-1610	1.5	A1	.11	.04
4.35	118302	1A3.6B4.0-1610	1.9	A1	.11	.04
4.55	118194	1A3.8B4.2-1610	2.2	A1	.11	.04
4.75	118195	1A4.0B4.4-1610	2.5	A1	.11	.04
4.95	118196	1A4.2B4.6-1610	2.9	A1	.11	.04
5.15	118197	1A4.4B4.8-1610	3.3	A1	.11	.04
5.35	118198	1A4.6B5.0-1610	3.6	A1	.11	.04
5.55	118199	1A4.8B5.2-1610	4.1	A1	.11	.04
5.75	118200	1A5.0B5.4-1610	4.5	A1	.11	.04
5.95	118201	1A5.2B5.6-1610	4.9	A1	0	0
6.15	118202	1A5.4B5.8-1610	5.3	A1	0	0
6.35	118203	1A5.6B6.0-1610	5.8	A1	0	0
6.55	118204	1A5.8B6.2-1610	6.3	A1	0	0
6.75	118205	1A6.0B6.4-1610	6.8	A1	0	0
6.95	118206	1A6.2B6.6-1610	7.5	A1	0	0
7.15	118207	1A6.4B6.8-1610	7.8	A1	0	0
7.35	118340	1A6.6B7.0-2517	8.5	B1	0	.75
7.75	118303	1A7.0B7.4-2517	9.4	B1	0	.75
8.35	118341	1A7.6B8.0-2517	11.0	B1	0	.75
8.95	118304	1A8.2B8.6-2517	12.0	B1	0	.75
9.75	118305	1A9.0B9.4-2517	14.0	B1	0	.75
11.35	118022	1A10.6B11.0-2517	15.0	B1	0	.75
12.75	118023	1A12.0B12.4-2517	114.0	C3	.25	.50
13.95	118342	1A13.2B13.6-2517	16.0	C3	.25	.50
15.75	118024	1A15.0B15.4-2517	18.0	C3	.38	.38
16.35	118343	1A15.6B16.0-2517	22.0	C3	.38	.38
18.75	118025	1A18.0B18.4-2517	27.0	C3	.18	.43

Δ P.D. for "A" Belts = O.D. - .37"

P.D. for "B" Belts = O.D. + .01"

‡ Type 1 = Block Type, 2 = Web, 3 = Arm - See page PT7-2.

** 1.16" for 1A3.0B3.4 thru 1A4.4B4.8

1.05" for 1A4.6B5.0 thru 1A5.0B5.4

1.13" for 1A15.6B16.0 thru 1A18.0B18.4

2-Groove						F = 1.75
O.D.Δ	Part No.	Description	Wt.	Type‡	E	M
3.75	118211	2A3.0B3.4-1210	2.2	A1	.10	.65
3.95	118212	2A3.2B3.6-1210	2.6	A1	.10	.65
4.15	118306	2A3.4B3.8-1610	2.5	A1	0	.75
4.35	118307	2A3.6B4.0-1610	2.9	A1	0	.75
4.55	118215	2A3.8B4.2-1610	3.3	A1	0	.75
4.75	118216	2A4.0B4.4-1610	3.7	A1	0	.75
4.95	118217	2A4.2B4.6-1610	4.2	A1	0	.75
5.15	118218	2A4.4B4.8-1610	4.1	A1	0	.75
5.35	118219	2A4.6B5.0-1610	5.0	A1	0	.75
5.55	118220	2A4.8B5.2-1610	5.5	A1	0	.75
5.75	118221	2A5.0B5.4-1610	5.9	A1	0	.75
5.95	118222	2A5.2B5.6-1610	6.5	A1	0	.75
6.15	118223	2A5.4B5.8-1610	6.9	A1	0	.75
6.35	118224	2A5.6B6.0-1610	7.6	A1	0	.75
6.55	118225	2A5.8B6.2-1610	8.2	A1	0	.75
6.75	118226	2A6.0B6.4-1610	8.6	A1	0	.75
6.95	118227	2A6.2B6.6-1610	9.5	A1	0	.75
7.15	118228	2A6.4B6.8-1610	9.8	A1	0	.75
7.35	118344	2A6.6B7.0-2517	14.0	A1	0	0
7.75	118044	2A7.0B7.4-2517	14.0	A1	0	0
8.35	118345	2A7.6B8.0-2517	15.0	C2	0	0
8.95	118045	2A8.2B8.6-2517	15.0	C2	0	0
9.75	118046	2A9.0B9.4-2517	18.0	C2	0	0
11.35	118047	2A10.6B11.0-2517	25.0	C2	0	0
12.75	118048	2A12.0B12.4-2517	18.0	C3	0	0
13.95	118346	2A13.2B13.6-2517	24.0	C3	0	0
15.75	118049	2A15.0B15.4-2517	24.0	C3	0	0
16.35	118347	2A15.6B16.0-2517	26.0	C3	0	0
18.75	118050	2A18.0B18.4-2517	33.0	C3	0	0
20.35	114068	2B20.0-3020	31.0	C3	0	.25
25.35	114069	2B25.0-3020	41.0	C3	0	.25
30.35	114070	2B30.0-3020	52.0	C3	0	.25
38.35	114071	2B38.0-3020	71.0	C3	0	.25

V-Drives

FHP Drives

Drive Component Accessories

DYNA-SYNC

HT200/HTD Synchronous Drives

HT500 Synchronous Drives

Roller Chain Sprockets



SELECTION/DIMENSIONS

A/B TAPER-LOCK SHEAVES

3-Groove							F = 2.50	
O.D.Δ	Part No.	Description	Wt.	Type‡	E	M		
3.75	118229	3A3.0B3.4-1210	3.0	A1	0	1.50		
3.95	118230	3A3.2B3.6-1210	3.5	A1	0	1.50		
4.15	118308	3A3.4B3.8-1610	3.4	A1	0	1.50		
4.35	118309	3A3.6B4.0-1610	4.0	A1	0	1.50		
4.55	118233	3A3.8B4.2-1610	4.6	A1	0	1.50		
4.75	118234	3A4.0B4.4-1610	4.9	A1	0	1.50		
4.95	118235	3A4.2B4.6-1610	5.4	A1	0	1.50		
5.15	118310	3A4.4B4.8-1610	5.9	A1	0	1.50		
5.35	118311	3A4.6B5.0-1610	6.4	A1	0	1.50		
5.55	118312	3A4.8B5.2-1610	7.0	A1	0	1.50		
5.75	118313	3A5.0B5.4-2517	7.8	A1	.75	0		
5.95	118314	3A5.2B5.6-2517	8.2	A1	.75	0		
6.15	118315	3A5.4B5.8-2517	8.9	A1	.75	0		
6.35	118316	3A5.6B6.0-2517	9.8	A1	.75	0		
6.55	118317	3A5.8B6.2-2517	11.0	A1	0	.75		
6.75	118318	3A6.0B6.4-2517	12.0	A1	0	.75		
6.95	118319	3A6.2B6.6-2517	13.0	A1	0	.75		
7.15	118320	3A6.4B6.8-2517	14.0	A1	0	.75		
7.35	118348	3A6.6B7.0-2517	15.0	A1	0	.75		
7.75	118069	3A7.0B7.4-2517	17.0	A1	.0	.75		
8.35	118349	3A7.6B8.0-2517	19.0	A1	0	.75		
8.95	118070	3A8.2B8.6-2517	19.0	A1	0	.75		
9.75	118071	3A9.0B9.4-2517	21.0	A2	0	.75		
11.35	118072	3A10.6B11.0-2517	28.0	A2	0	.75		
12.75	118073	3A12.0B12.4-2517	22.0	A3	0	.75		
13.95	118350	3A13.2B13.6-2517	25.0	A3	0	.75		
15.75	118074	3A15.0B15.4-2517	30.0	A3	0	.75		
16.35	118351	3A15.6B16.0-2517	32.0	A3	0	.75		
18.75	118075	3A18.0B18.4-2517	39.0	A3	0	.75		
20.35	114072	3B20.0-3020	39.0	A3	0	.50		
25.35	114073	3B25.0-3020	52.0	A3	0	.50		
30.35	114074	3B30.0-3020	66.0	A3	0	.50		
38.35	114033	3B38.0-3020	103.0	A3	0	.50		

4-Groove							F = 3.25	
O.D.Δ	Part No.	Description	Wt.	Type‡	E	M		
3.75	118247	4A3.0B3.4-1210	3.7	A1	2.25	0		
3.95	118248	4A3.2B3.6-1210	4.4	A1	2.25	0		
4.15	118321	4A3.4B3.8-1610	4.3	A1	2.25	0		
4.35	118322	4A3.6B4.0-1610	5.1	A1	2.25	0		
4.55	118251	4A3.8B4.2-1610	5.5	A1	2.25	0		
4.75	118252	4A4.0B4.4-1610	6.0	A1	2.25	0		
4.95	118253	4A4.2B4.6-1610	6.7	A1	2.25	0		
5.15	118323	4A4.4B4.8-1610	7.2	A1	2.25	0		
5.35	118324	4A4.6B5.0-2517	6.7	A1	1.50	0		
5.55	118325	4A4.8B5.2-2517	8.0	A1	1.50	0		
5.75	118326	4A5.0B5.4-2517	8.7	A1	1.50	0		
5.95	118327	4A5.2B5.6-2517	9.8	A1	1.50	0		
6.15	118328	4A5.4B5.8-2517	10.0	A1	1.50	0		
6.35	118329	4A5.6B6.0-2517	12.0	A1	1.50	0		
6.55	118090	4A5.8B6.2-2517	13.0	A1	0	1.50		
6.75	118091	4A6.0B6.4-2517	13.0	A1	0	1.50		
6.95	118092	4A6.2B6.6-2517	15.0	A1	0	1.50		
7.15	118093	4A6.4B6.8-2517	15.0	A1	0	1.50		
7.35	118352	4A6.6B7.0-2517	16.0	A1	0	1.50		
7.75	118094	4A7.0B7.4-2517	19.0	A1	0	1.50		
8.35	118353	4A7.6B8.0-2517	21.0	A1	0	1.50		
8.95	118095	4A8.2B8.6-2517	21.0	A1	0	1.50		
9.75	118096	4A9.0B9.4-2517	24.0	A1	0	1.50		
11.35	118097	4A10.6B11.0-2517	31.0	A1	0	1.50		
12.75	118098	4A12.0B12.4-2517	30.0	A3	.37	1.12		
13.95	118354	4A13.2B13.6-2517	34.0	A3	.37	1.12		
15.75	118099	4A15.0B15.4-2517	41.0	A3	.37	1.12		
16.35	118355	4A15.6B16.0-2517	61.0	A3	.37	1.12		
18.75	118100	4A18.0B18.4-2517	67.0	A3	.48	1.01		
20.35	114075	4B20.0-3020	58.0	A3	.50	.75		
25.35	114041	4B25.0-3030	73.0	A3	0	.25		
30.35	114042	4B30.0-3030	91.0	A3	0	.25		
38.35	114043	4B38.0-3030	123.0	A3	0	.25		

P.D. for "A" Belts = O.D. - .37"

P.D. for "B" Belts = O.D. + .01"

‡ Type 1 = Block Type, 2 = Web, 3 = Arm - See page PT7-2.

SELECTION/DIMENSIONS



A/B TAPER-LOCK SHEAVES

5-Groove						F = 4.00	
O.D.Δ	Part No.	Description	Wt.	Type‡	E	M	
3.75	118101	5A3.0B3.4-1215	4.9	A1	.87	1.62	
3.95	118102	5A3.2B3.6-1215	5.4	A1	.87	1.62	
4.15	118103	5A3.4B3.8-1215	5.1	A1	.87	1.62	
4.35	118104	5A3.6B4.0-1215	6.1	A1	.87	1.62	
4.55	118105	5A3.8B4.2-1615	6.6	A1	.87	1.62	
4.75	118106	5A4.0B4.4-1615	6.9	A1	.87	1.62	
4.95	118107	5A4.2B4.6-1615	8.6	A1	.87	1.62	
5.15	118356	5A4.4B4.8-1615	9.4	A1	.87	1.62	
5.35	118109	5A4.6B5.0-1615	9.2	A1	.87	1.62	
5.55	118110	5A4.8B5.2-1615	9.9	A1	.87	1.62	
5.75	118111	5A5.0B5.4-2517	11.0	A1	.81	1.43	
5.95	118112	5A5.2B5.6-2517	11.0	A1	.81	1.43	
6.15	118357	5A5.4B5.8-2517	13.0	A1	.81	1.43	
6.35	118114	5A5.6B6.0-2517	13.0	A1	.81	1.43	
6.55	118358	5A5.8B6.2-2517	14.0	A1	.81	1.43	
6.75	118116	5A6.0B6.4-2517	15.0	A1	.81	1.43	
6.95	118359	5A6.2B6.6-2517	16.0	A1	.81	1.43	
7.15	118118	5A6.4B6.8-2517	18.0	A1	.81	1.43	
7.35	118360	5A6.6B7.0-2517	18.0	A1	.75	1.50	
7.75	118119	5A7.0B7.4-2517	22.0	A1	.75	1.50	
8.35	118361	5A7.6B8.0-2517	23.0	A1	.50	1.75	
8.95	118120	5A8.2B8.6-2517	24.0	A1	.75	1.50	
9.75	118121	5A9.0B9.4-2517	26.0	A1	.75	1.50	
11.35	118122	5A10.6B11.0-2517	32.0	A2	.75	1.50	
12.75	118123	5A12.0B12.4-2517	35.0	A3	.75	1.50	
13.95	118362	5A13.2B13.6-2517	38.0	A3	1.00	1.25	
15.75	118124	5A15.0B15.4-2517	43.0	A3	.75	1.50	
16.35	118363	5A15.6B16.0-2517	67.0	A3	.75	1.50	
18.75	118125	5A18.0B18.4-2517	70.0	A3	.81	1.44	
20.35	114050	5B20.0-3030	65.0	A3	.25	.75	
25.35	114051	5B25.0-3030	84.0	A3	.25	.75	
30.35	114052	5B30.0-3030	105.0	A3	.38	.63	
38.35	114053	5B38.0-3030	144.0	A3	.25	.75	

6-Groove						F = 4.75	
O.D.Δ	Part No.	Description	Wt.	Type‡	E	M	
4.55	118130	6A3.8B4.2-1615	7.9	A1	1.25	2.00	
4.75	118131	6A4.0B4.4-1615	9.3	A1	1.25	2.00	
4.95	118132	6A4.2B4.6-1615	9.7	A1	1.25	2.00	
5.15	118364	6A4.4B4.8-1615	11.0	A1	1.25	2.00	
5.35	118134	6A4.6B5.0-1615	10.0	A1	1.25	2.00	
5.55	118135	6A4.8B5.2-1615	11.0	A1	1.25	2.00	
5.75	118136	6A5.0B5.4-2517	12.0	A1	1.12	1.87	
5.95	118137	6A5.2B5.6-2517	13.0	A1	1.12	1.87	
6.15	118365	6A5.4B5.8-2517	14.0	A1	1.12	1.87	
6.35	118139	6A5.6B6.0-2517	15.0	A1	1.12	1.87	
6.55	118366	6A5.8B6.2-2517	16.0	A1	1.12	1.87	
6.75	118141	6A6.0B6.4-2517	19.0	A1	1.12	1.87	
6.95	118367	6A6.2B6.6-2517	20.0	A1	1.12	1.87	
7.15	118143	6A6.4B6.8-2517	20.0	A1	1.12	1.87	
7.35	118368	6A6.6B7.0-2517	21.0	A1	1.50	1.50	
7.75	118144	6A7.0B7.4-2517	24.0	A1	1.12	1.87	
8.35	118369	6A7.6B8.0-2517	26.0	A1	1.50	1.50	
8.95	118145	6A8.2B8.6-2517	30.0	A2	1.50	1.50	
9.75	118146	6A9.0B9.4-2517	30.0	A2	1.12	1.87	
11.35	118147	6A10.6B11.0-2517	33.0	A2	1.12	1.87	
12.75	118148	6A12.0B12.4-2517	37.0	A3	1.50	1.50	
13.95	118370	6A13.2B13.6-2517	42.0	A3	1.50	1.50	
15.75	118149	6A15.0B15.4-2517	47.0	A3	1.50	1.50	
16.35	118371	6A15.6B16.0-2517	53.0	A3	1.50	1.50	
18.75	118150	6A18.0B18.4-2517	68.0	A3	1.50	1.50	
20.35	114060	6B20.0-3030	73.0	A3	.50	1.25	
25.35	114061	6B25.0-3030	95.0	A3	.50	1.25	
30.35	114062	6B30.0-3030	119.0	A3	.50	1.25	
38.35	114063	6B38.0-3030	164.0	A3	.50	1.25	

Δ P.D. for "A" Belts = O.D. - .37"

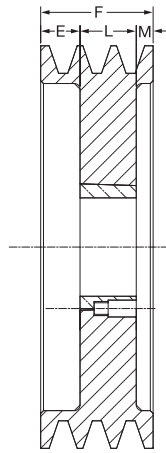
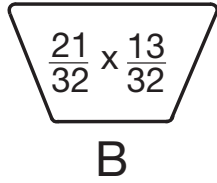
P.D. for "B" Belts = O.D. + .01"

‡ Type 1 = Block Type, 2 = Web, 3 = Arm - See page PT7-2.

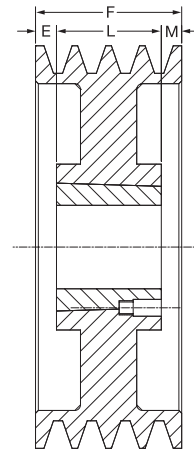


SELECTION/DIMENSIONS

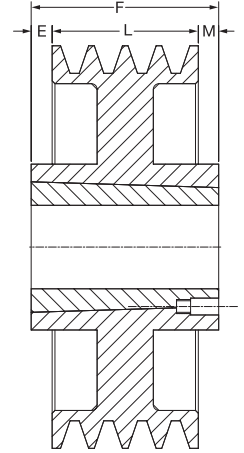
B TAPER-LOCK SHEAVES



TYPE A



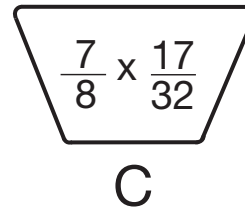
TYPE A-2
A-3



TYPE C

8-Groove F = 6.25						
O.D.Δ	Part No.	Description	Wt.	Type‡	E	M
5.75	114114	8B5.4-2517	15.0	A1	1.87	2.62
5.95	114115	8B5.6-2517	17.0	A1	1.87	2.62
6.35	114116	8B6.0-2517	19.0	A1	1.87	2.62
6.75	114117	8B6.4-2517	22.0	A1	1.87	2.62
7.15	114118	8B6.8-2517	26.0	A1	1.87	2.62
7.75	114119	8B7.4-2517	34.0	A1	1.87	2.62
8.95	114130	8B8.6-3030	37.0	A1	1.00	2.25
9.75	114131	8B9.4-3030	37.0	A1	1.00	2.25
11.35	114132	8B11.0-3030	46.0	A1	1.13	2.13
12.75	114133	8B12.4-3030	46.0	A2	1.00	2.25
15.75	114134	8B15.4-3030	66.0	A2	1.00	2.25
18.75	114135	8B18.4-3030	81.0	A3	1.00	2.25
20.35	114136	8B20.0-3030	87.0	A3	1.00	2.25
25.35	114137	8B25.0-3535	115.0	A3	.75	2.00
30.35	114138	8B30.0-3535	146.0	A3	.75	2.00
38.35	114139	8B38.0-4040	204.0	A3	1.12	1.12

10-Groove F = 7.75						
O.D.Δ	Part No.	Description	Wt.	Type‡	E	M
5.75	114150	10B5.4-2517	18.0	A1	3.00	3.00
5.95	114151	10B5.6-2517	20.0	A1	3.00	3.00
6.35	114152	10B6.0-2517	22.0	A1	3.00	3.00
6.75	114153	10B6.4-2517	26.0	A1	3.00	3.00
7.15	114154	10B6.8-2517	29.0	A1	3.00	3.00
7.75	114155	10B7.4-2517	35.0	A1	3.00	3.00
8.95	114170	10B8.6-3030	43.0	A1	2.00	2.75
9.75	114171	10B9.4-3030	47.0	A1	2.00	2.75
11.35	114172	10B11.0-3030	58.0	A1	2.00	2.75



C TAPER-LOCK SHEAVES

2-Groove F = 2.37						
O.D.Δ	Part No.	Description	Wt.	Type‡	E	M
7.4	115162	2C7.0-2517	15.0	A1	0	.62
7.9	115163	2C7.5-2517	18.0	A1	0	.62
8.4	115164	2C8.0-2517	20.0	A1	0	.62
8.9	115165	2C8.5-2517	22.0	A1	0	.62
9.4	115166	2C9.0-2517	21.0	A1	0	.62
9.9	115186	2C9.5-2517	24.0	A1	0	.62
10.4	115171	2C10.0-2517	25.0	A2	0	.62
10.9	115187	2C10.5-2517	26.0	A2	0	.62
11.4	115174	2C11.0-2517	27.0	A2	0	.62
12.4	115175	2C12.0-2517	28.0	A2	0	.62
13.4	115176	2C13.0-2517	33.0	A3	0	.62
14.4	115177	2C14.0-2517	35.0	A3	0	.62
16.4	115178	2C16.0-2517	38.0	A3	0	.62
18.4	115325	2C18.0-3020	42.0	A3	0	.37
20.4	115326	2C20.0-3020	44.0	A3	0	.37
24.4	115327	2C24.0-3020	56.0	A3	0	.37
30.4	115000	2C30.0-3535	85.0	C3	.50	.63

3-Groove F = 3.37						
O.D.Δ	Part No.	Description	Wt.	Type‡	E	M
7.4	115130	3C7.0-2517	18.0	A1	.25	1.37
7.9	115131	3C7.5-2517	19.0	A1	.25	1.37
8.4	115132	3C8.0-2517	21.0	A1	0	1.62
8.9	115133	3C8.5-2517	23.0	A1	.25	1.37
9.4	115001	3C9.0-2517	24.0	A1	.25	1.37
9.9	115188	3C9.5-2517	25.0	A1	.25	1.37
10.4	115016	3C10.0-2517	27.0	A1	.25	1.37
10.9	115189	3C10.5-2517	28.0	A1	.25	1.37
11.4	115006	3C11.0-2517	29.0	A1	.25	1.37
12.4	115328	3C12.0-3020	44.0	A2	0	1.37
13.4	115329	3C13.0-3020	49.0	A3	0	1.37
14.4	115330	3C14.0-3020	50.0	A3	0	1.37
16.4	115331	3C16.0-3020	64.0	A3	.06	1.31
18.4	115014	3C18.0-3030	72.0	A3	0	.37
20.4	115009	3C20.0-3030	79.0	A3	0	.37
24.4	115010	3C24.0-3030	90.0	A3	0	.37
30.4	115011	3C30.0-3535	135.0	C3	0	.12
36.4	115012	3C36.0-3535	175.0	C3	0	.12

Δ P.D. for "B" Belts = O.D. + .01"

P.D. for "C" Belts = O.D.

‡ Type 1 = Block Type, 2 = Web, 3 = Arm - See page PT7-2.

SELECTION/DIMENSIONS



C TAPER-LOCK SHEAVES

4-Groove F = 4.37						
O.D.Δ	Part No.	Description	Wt.	Type‡	E	M
7.4	115135	4C7.0-2517	20.0	A1	1.12	1.50
7.9	115136	4C7.5-2517	21.0	A1	1.13	1.50
8.4	115137	4C8.0-2517	24.0	A1	.50	2.13
8.9	115138	4C8.5-2517	25.0	A1	.50	2.13
9.4	115017	4C9.0-2517	26.0	A1	.50	2.13
9.9	115190	4C9.5-2517	29.0	A1	.50	2.13
10.4	115032	4C10.0-2517	31.0	A1	.50	2.13
10.9	115191	4C10.5-2517	32.0	A1	.50	2.13
11.4	115022	4C11.0-2517	34.0	A1	.50	2.13
12.4	115151	4C12.0-3030	52.0	A2	0	1.37
13.4	115023	4C13.0-3030	56.0	A3	0	1.37
14.4	115155	4C14.0-3030	63.0	A3	0	1.37
16.4	115024	4C16.0-3030	71.0	A3	0	1.37
18.4	115030	4C18.0-3030	81.0	A3	.18	1.18
20.4	115025	4C20.0-3030	80.0	A3	0	1.37
24.4	115026	4C24.0-3030	98.0	A3	0	1.37
30.4	115027	4C30.0-3535	130.0	A3	.31	.56
36.4	115028	4C36.0-3535	165.0	A3	0	.87
44.4	115029	4C44.0-4040	240.0	A3	0	.37

6-Groove F = 6.37						
O.D.Δ	Part No.	Description	Wt.	Type‡	E	M
7.4	115145	6C7.0-3030	33.0	A1	1.00	2.37
7.9	115146	6C7.5-3030	38.0	A1	1.00	2.37
8.4	115147	6C8.0-3030	43.0	A1	1.00	2.37
8.9	115148	6C8.5-3030	49.0	A1	1.00	2.37
9.4	115049	6C9.0-3030	54.0	A1	1.00	2.37
9.9	115194	6C9.5-3030	57.0	A1	1.00	2.37
10.4	115064	6C10.0-3030	61.0	A1	1.00	2.37
10.9	115195	6C10.5-3030	56.0	A1	1.00	2.37
11.4	115054	6C11.0-3030	58.0	A1	1.00	2.37
12.4	115153	6C12.0-3030	66.0	A1	1.00	2.37
13.4	115055	6C13.0-3030	69.0	A2	1.00	2.37
14.4	115157	6C14.0-3535	85.0	A2	.50	2.37
16.4	115056	6C16.0-3535	100.0	A3	.50	2.37
18.4	115062	6C18.0-3535	115.0	A3	.75	2.12
20.4	115057	6C20.0-3535	103.0	A3	.87	2.00
24.4	115058	6C24.0-3535	129.0	A3	.87	2.00
30.4	115059	6C30.0-4040	195.0	A3	1.00	1.37
36.4	115060	6C36.0-4040	243.0	A3	1.00	1.37
44.4	115061	6C44.0-4040	315.0	A3	1.00	1.37

10-Groove F = 10.37						
O.D.Δ	Part No.	Description	Wt.	Type‡	E	M
9.4	115351	10C9.0-4545	84.0	A1	1.50	4.37
9.9	115352	10C9.5-4545	101.0	A1	1.50	4.37
10.4	115353	10C10.0-4545	104.0	A1	1.50	4.37
10.9	115354	10C10.5-4545	108.0	A1	1.50	4.37
11.4	115355	10C11.0-4545	128.0	A1	1.50	4.37
12.4	115356	10C12.0-4545	148.0	A1	1.50	4.37
13.4	115349	10C13.0-4545	168.0	A1	2.00	3.87
14.4	115357	10C14.0-4545	205.0	A1	2.00	3.87
16.4	115358	10C16.0-4545	237.0	A1	2.00	3.87
18.4	115359	10C18.0-4545	270.0	A3	2.00	3.87
20.4	115360	10C20.0-4545	176.0	A3	2.00	3.87
24.4	115361	10C24.0-5050	242.0	A3	1.50	3.87
30.4	115123	10C30.0-4545	303.0	A3	2.00	3.87
36.4	115124	10C36.0-4545	375.0	A3	2.00	3.87
44.4	115125	10C44.0-4545	484.0	A3	2.00	3.87

5-Groove F = 5.37						
O.D.Δ	Part No.	Description	Wt.	Type‡	E	M
7.4	115140	5C7.0-2517	23.0	A1	1.50	2.12
7.9	115141	5C7.5-2517	25.0	A1	1.50	2.12
8.4	115142	5C8.0-2517	30.0	A1	1.50	2.12
8.9	115143	5C8.5-2517	32.0	A1	1.50	2.12
9.4	115033	5C9.0-2517	35.0	A1	1.50	2.12
9.9	115192	5C9.5-2517	36.0	A1	1.50	2.12
10.4	115048	5C10.0-2517	39.0	A1	1.50	2.12
10.9	115193	5C10.5-2517	42.0	A1	1.50	2.12
11.4	115038	5C11.0-2517	43.0	A1	1.50	2.12
12.4	115152	5C12.0-3030	58.0	A1	.69	1.69
13.4	115039	5C13.0-3030	63.0	A2	.50	1.87
14.4	115156	5C14.0-3030	65.0	A2	.50	1.87
16.4	115040	5C16.0-3030	86.0	A3	.50	1.87
18.4	115036	5C18.0-3030	105.0	A3	.69	1.69
20.4	115041	5C20.0-3535	91.0	A3	0	1.87
24.4	115042	5C24.0-3535	114.0	A3	.37	1.50
30.4	115043	5C30.0-3535	152.0	A3	.38	1.50
36.4	115044	5C36.0-4040	216.0	A3	.25	1.12
44.4	115045	5C44.0-4040	278.0	A3	.25	1.12

8-Groove F = 8.37						
O.D.Δ	Part No.	Description	Wt.	Type‡	E	M
8.4	115160	8C8.0-3030	59.0	A1	2.00	3.37
8.9	115161	8C8.5-3030	62.0	A1	2.00	3.37
9.4	115081	8C9.0-3535	64.0	A1	1.50	3.37
9.9	115196	8C9.5-3535	73.0	A1	1.50	3.37
10.4	115096	8C10.0-3535	81.0	A1	1.50	3.37
10.9	115197	8C10.5-3535	85.0	A1	1.50	3.37
11.4	115086	8C11.0-3535	87.0	A1	1.50	3.37
12.4	115185	8C12.0-3535	90.0	A1	1.50	3.37
13.4	115087	8C13.0-3535	97.0	A1	1.50	3.37
14.4	115097	8C14.0-3535	105.0	A1	1.50	3.37
16.4	115088	8C16.0-3535	125.0	A3	1.50	3.37
18.4	115098	8C18.0-4040	155.0	A3	1.50	2.87
20.4	115089	8C20.0-4040	151.0	A3	1.50	2.87
24.4	115090	8C24.0-4040	183.0	A3	1.50	2.87
30.4	115091	8C30.0-4040	237.0	A3	1.50	2.87
36.4	115092	8C36.0-4545	322.0	A3	1.25	2.62
44.4	115093	8C44.0-4545	411.0	A3	1.25	2.62

12-Groove F = 12.37						
O.D.Δ	Part No.	Description	Wt.	Type‡	E	M
9.4	115065	12C9.0-4040	87.0	A1	3.50	4.87
9.9	115066	12C9.5-4040	90.0	A1	3.50	4.87
10.4	115067	12C10.0-4040	95.0	A1	3.50	4.87
10.9	115068	12C10.5-4040	104.0	A1	3.50	4.87
11.4	115069	12C11.0-4040	125.0	A1	3.50	4.87
12.4	115070	12C12.0-4040	140.0	A1	3.50	4.87
13.4	115071	12C13.0-4545	173.0	A1	3.00	4.87
14.4	115072	12C14.0-4545	177.0	A1	3.00	4.87

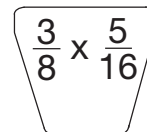
Δ P.D. for "C" Belts = O.D.

‡ Type 1 = Block Type, 2 = Web, 3 = Arm - See page PT7-2.



SELECTION/DIMENSIONS

3V QD SHEAVES - Heavy Duty



1-Groove F = *						
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
2.2	455100	1/3V2.2-JA	0.93	E1	0.50	0.51
2.35	455101	1/3V2.35-JA	1.1	E1	0.50	0.51
2.5	455102	1/3V2.5-JA	1.2	E1	0.50	0.51
2.65	455103	1/3V2.65-JA	1.4	D1	0.14	0.37
2.8	455104	1/3V2.8-JA	1.5	D1	0.14	0.37
3.0	455105	1/3V3.00-JA	1.6	D1	0.14	0.37
3.15	455106	1/3V3.15-JA	1.7	D1	0.14	0.37
3.35	455107	1/3V3.35-JA	1.8	D1	0.14	0.37
3.65	455108	1/3V3.65-SH	2.2	D1	0.11	0.57
4.12	455109	1/3V4.12-SH	2.7	D1	0.05	0.63
4.5	455110	1/3V4.5-SH	3.1	D1	0.05	0.63
4.75	455111	1/3V4.75-SH	3.4	D1	0.05	0.63
5.0	455112	1/3V5.0-SH	3.7	C1	0.00	0.68
5.3	455113	1/3V5.3-SH	3.9	C1	0.00	0.68
5.6	455114	1/3V5.6-SH	4.4	C1	0.00	0.68
6.0	455115	1/3V6.0-SH	4.5	C1	0.00	0.68
6.5	455116	1/3V6.5-SH	4.6	C1	0.00	0.68
6.9	455117	1/3V6.9-SH	4.8	C1	0.00	0.68
8.0	455118	1/3V8.0-SDS	6.6	C1	0.06	0.64
10.6	455119	1/3V10.6-SDS	8.5	C2	0.12	0.58
14.0	455120	1/3V14.0-SK	14.0	C3	0.44	1.33
19.0	455121	1/3V19.0-SK	20.0	C3	0.16	1.05

* F=1.19 2.2 – 2.5, F=1.09 2.65 – 3.65 & 14.0 – 19.0,
F=0.93 4.12 – 4.75, F=0.81 5.0 – 6

3-Groove F = 1.50						
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
2.5	455145	3/3V2.50-JA	1.9	E1	0.44	0.51
2.65	455146	3/3V2.65-JA	1.9	E1	0.00	0.51
2.8	455147	3/3V2.80-JA	2.2	E1	0.00	0.51
3.0	455148	3/3V3.00-SH	2.6	E1	0.52	0.68
3.15	455149	3/3V3.15-SH	2.8	E1	0.52	0.68
3.35	455150	3/3V3.35-SH	3.0	D1	0.11	0.57
3.65	455151	3/3V3.65-SH	3.2	D1	0.11	0.57
4.12	455152	3/3V4.12-SH	3.6	B1	0.69	0.01
4.5	455153	3/3V4.50-SDS	4.3	B1	0.75	0.05
4.75	455154	3/3V4.75-SDS	4.8	B1	0.75	0.05
5.0	455155	3/3V5.0-SDS	5.1	B1	0.75	0.05
5.3	455156	3/3V5.3-SDS	5.8	B1	0.75	0.05
5.6	455157	3/3V5.6-SDS	6.5	B1	0.75	0.05
6.0	455158	3/3V6.0-SDS	7.5	D1	0.56	0.14
6.5	455159	3/3V6.5-SDS	7.8	B1	0.75	0.05
6.9	455160	3/3V6.9-SDS	8.0	B1	0.75	0.05
8.0	455161	3/3V8.0-SK	12.0	C1	0.25	0.64
10.6	455162	3/3V10.6-SK	15.0	D2	0.25	0.64
14.0	455163	3/3V14.0-SK	21.0	C3	0.25	0.64
19.0	455164	3/3V19.0-SF	36.0	C3	0.25	0.69
25.0	455165	3/3V25.0-SF	35.0	C3	0.25	0.69
33.5	455166	3/3V33.5-SF	52.0	C3	0.25	0.69

2-Groove F = 1.09						
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
2.2	455122	2/3V2.2-JA	1.2	E1	0.50	0.51
2.35	455123	2/3V2.35-JA	1.3	E1	0.50	0.51
2.5	455124	2/3V2.5-JA	1.5	E1	0.50	0.51
2.65	455125	2/3V2.65-JA	1.6	D1	0.14	0.37
2.8	455126	2/3V2.8-JA	1.7	D1	0.14	0.37
3.0	455127	2/3V3.0-JA	2.0	D1	0.14	0.37
3.15	455128	2/3V3.15-JA	2.1	D1	0.14	0.37
3.35	455129	2/3V3.35-SH	2.2	D1	0.11	0.57
3.65	455130	2/3V3.65-SH	2.6	D1	0.11	0.57
4.12	455131	2/3V4.12-SH	3.2	C1	0.28	0.40
4.5	455132	2/3V4.5-SH	3.8	C1	0.28	0.40
4.75	455133	2/3V4.75-SH	4.1	C1	0.28	0.40
5.0	455134	2/3V5.0-SH	4.6	C1	0.28	0.40
5.3	455135	2/3V5.3-SH	5.1	C1	0.28	0.40
5.6	455136	2/3V5.6-SH	5.6	C1	0.28	0.40
6.0	455137	2/3V6.0-SH	5.8	C1	0.12	0.56
6.5	455138	2/3V6.5-SDS	6.0	C1	0.34	0.36
6.9	455139	2/3V6.9-SDS	6.6	C1	0.34	0.36
8.0	455140	2/3V8.0-SDS	7.8	C1	0.34	0.36
10.6	455141	2/3V10.6-SK	14.0	C1	0.25	0.64
14.0	455142	2/3V14.0-SK	17.0	D3	0.25	0.64
19.0	455143	2/3V19.0-SK	24.0	D3	0.00	0.89
25.0	455144	2/3V25.0-SF	29.0	D3	0.18	0.76

4-Groove F = 1.90						
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
2.65	455167	4/3V2.65-JA	2.2	E1	0.00	0.51
2.8	455168	4/3V2.8-JA	2.4	E1	0.00	0.51
3.0	455169	4/3V3.0-SH	2.8	E1	0.38	0.68
3.15	455170	4/3V3.15-SH	3.1	E1	0.38	0.68
3.35	455171	4/3V3.35-SH	3.3	E1	0.38	0.68
3.65	455172	4/3V3.65-SH	3.8	E1	0.38	0.68
4.12	455173	4/3V4.12-SH	4.1	A1	1.09	0.41
4.5	455174	4/3V4.5-SDS	4.6	A1	1.15	0.45
4.75	455175	4/3V4.75-SDS	5.3	A1	1.15	0.45
5.0	455176	4/3V5.0-SDS	5.6	A1	1.15	0.45
5.3	455177	4/3V5.3-SDS	6.4	A1	1.15	0.45
5.6	455178	4/3V5.6-SDS	6.9	A1	1.15	0.45
6.0	455179	4/3V6.0-SK	9.4	D1	0.50	0.39
6.5	455180	4/3V6.5-SK	9.5	C1	0.66	0.23
6.9	455181	4/3V6.9-SK	11.0	C1	0.66	0.23
8.0	455182	4/3V8.0-SK	13.0	C1	0.66	0.23
10.6	455183	4/3V10.6-SK	18.0	D2	0.66	0.23
14.0	455184	4/3V14.0-SK	24.0	D3	0.63	0.27
19.0	455185	4/3V19.0-SF	40.0	D3	0.50	0.44
25.0	455186	4/3V25.0-SF	41.0	D3	0.63	0.31
33.5	455187	4/3V33.5-E	65.0	C3	0.34	0.86

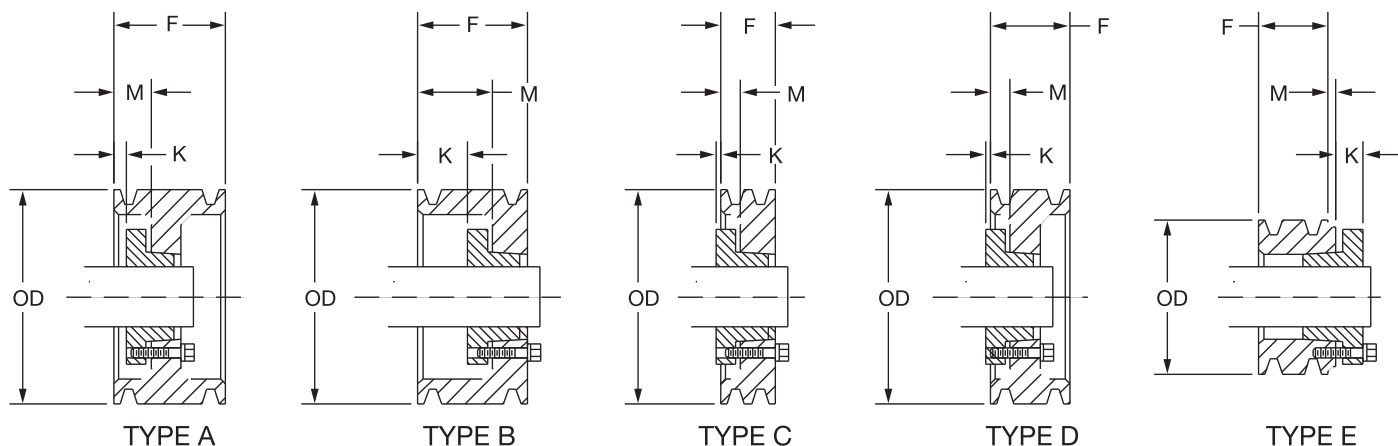
Δ Pitch Diameter = O.D. – .05"

‡ Type 1 = Block Type, 2 = Web, 3 = Arm – See page PT7-2.

SELECTION/DIMENSIONS



3V QD SHEAVES - Heavy Duty



5-Groove						F = 2.31
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
4.75	455188	5/3V4.75-SDS	5.9	A1	0.75	0.05
5.0	455189	5/3V5.0-SDS	6.3	A1	0.75	0.05
5.3	455190	5/3B5.3-SK	8.0	A1	0.94	0.05
5.6	455191	5/3V5.6-SK	9.0	A1	0.94	0.05
6.0	455192	5/3V6.0-SK	11.0	A1	0.94	0.05
6.5	455193	5/3V6.5-SK	11.0	A1	0.94	0.05
6.9	455194	5/3V6.9-SK	12.0	A1	0.94	0.05
8.0	455195	5/3V8.0-SK	15.0	A1	0.94	0.05
10.6	455196	5/3V10.6-SK	20.0	A1	0.94	0.05
14.0	455197	5/3V14.0-SF	31.0	D3	0.63	0.32
19.0	455198	5/3V19.0-SF	46.0	D3	0.63	0.31
25.0	455199	5/3V25.0-E	50.0	C3	0.63	0.57
33.5	455200	5/3V33.5-E	74.0	C3	0.63	0.57

6-Groove						F = 2.72
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
4.75	455201	6/3V4.75-SK	7.1	E1	0.00	0.89
5.0	455202	6/3V5.0-SK	7.8	E1	0.00	0.89
5.3	455203	6/3V5.3-SK	8.6	A1	1.31	0.42
5.6	455204	6/3V5.6-SK	8.8	A1	1.31	0.42
6.0	455205	6/3V6.0-SK	11.0	A1	1.31	0.42
6.5	455206	6/3V6.5-SK	12.0	A1	1.31	0.42
6.9	455207	6/3V6.9-SK	13.0	A1	1.31	0.42
8.0	455208	6/3V8.0-SK	17.0	D1	0.59	0.30
10.6	455209	6/3V10.6-SF	23.0	D1	0.88	0.07
14.0	455210	6/3V14.0-SF	33.0	D3	0.88	0.06
19.0	455211	6/3V19.0-E	62.0	D3	0.88	0.32
25.0	455212	6/3V25.0-E	56.0	D3	1.00	0.20
33.5	455213	6/3V33.5-E	83.0	D3	1.00	0.20

8-Groove						F = 3.53
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
4.75	455214	8/3V4.75-SK	8.4	E1	0.00	0.89
5.0	455215	8/3V5.0-SK	8.6	E1	0.00	0.89
5.3	455216	8/3V5.3-SK	10.0	A1	1.31	0.42
5.6	455217	8/3V5.6-SK	11.0	A1	1.31	0.42
6.0	455218	8/3V6.0-SK	13.0	A1	1.31	0.42
6.5	455219	8/3V6.5-SK	15.0	A1	1.31	0.42
6.9	455220	8/3V6.9-SK	15.0	A1	1.53	0.64
8.0	455221	8/3V8.0-SF	20.0	A1	1.31	0.37
10.6	455222	8/3V10.6-SF	29.0	A2	1.12	0.18
14.0	455223	8/3V14.0-E	51.0	A3	1.25	0.05
19.0	455224	8/3V19.0-E	70.0	D3	1.12	0.08
25.0	455225	8/3V25.0-E	67.0	A3	1.25	0.05
33.5	455226	8/3V33.5-F	98.0	D3	1.06	0.36

10-Groove						F = 4.34
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
4.75	455227	10/3V4.75-SK	9.7	E1	0.00	0.89
5.0	455228	10/3V5.0-SK	11.0	E1	0.00	0.89
5.3	455229	10/3V5.3-SK	12.0	A1	1.44	0.55
5.6	455230	10/3V5.6-SK	13.0	A1	1.44	0.55
6.0	455231	10/3V6.0-SK	15.0	A1	1.44	0.55
6.5	455232	10/3V6.5-SK	16.0	A1	1.44	0.55
6.9	455233	10/3V6.9-SK	18.0	A1	1.44	0.55
8.0	455234	10/3V8.0-SF	22.0	A1	1.63	0.69
10.6	455235	10/3V10.6-E	41.0	A1	1.25	0.05
14.0	455236	10/3V14.0-E	55.0	A2	1.25	0.05
19.0	455237	10/3V19.0-E	80.0	A3	1.25	0.05
25.0	455238	10/3V25.0-F	83.0	D3	1.31	0.11
33.5	455239	10/3V33.5-F	124.0	D3	1.31	0.11

Δ Pitch Diameter = O.D. - .05"

‡ Type 1 = Block Type, 2 = Web, 3 = Arm - See page PT7-2.



SELECTION/DIMENSIONS

5V QD SHEAVES - Heavy Duty

2-Groove F = 1.69						
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
++4.4	455240	2/5V4.4-SH	4.0	D1	0.19	0.49
++4.65	455241	2/5V4.65-SDS	4.4	E1	0.19	0.70
++4.9	455242	2/5V4.9-SDS	5.1	E1	0.19	0.51
++5.2	455243	2/5V5.2-SDS	5.7	D1	0.69	0.01
++5.5	455244	2/5V5.5-SDS	5.9	D1	0.69	0.01
++5.9	455245	2/5V5.9-SDS	6.8	D1	0.69	0.01
++6.3	455246	2/5V6.3-SK	10.0	C1	0.44	0.45
++6.7	455247	2/5V6.7-SK	13.0	C1	0.44	0.45
7.1	455248	2/5V7.1-SK	10.0	C1	0.44	0.45
7.5	455249	2/5V7.5-SK	12.0	C1	0.44	0.45
8.0	455250	2/5V8.0-SK	10.0	C1	0.44	0.45
8.5	455251	2/5V8.5-SK	11.0	C2	0.44	0.45
9.0	455252	2/5V9.0-SK	12.0	C2	0.44	0.45
9.25	455253	2/5V9.25-SK	13.0	C1	0.44	0.45
9.75	455254	2/5V9.75-SK	13.0	C1	0.44	0.45
10.3	455255	2/5V10.3-SK	15.0	C2	0.44	0.45
10.9	455256	2/5V10.9-SK	16.0	C2	0.44	0.45
11.3	455257	2/5V11.3-SK	19.0	C2	0.44	0.45
11.8	455258	2/5V11.8-SK	18.0	C2	0.44	0.45
12.5	455259	2/5V12.5-SF	20.0	C2	0.44	0.50
13.2	455260	2/5V13.2-SF	21.0	D3	0.31	0.63
14.0	455261	2/5V14.0-SF	23.0	D3	0.31	0.63
15.0	455262	2/5V15.0-SF	26.0	D3	0.31	0.63
16.0	455263	2/5V16.0-SF	29.0	D3	0.31	0.63
18.7	455264	2/5V18.7-SF	39.0	D3	0.31	0.63
21.2	455265	2/5V21.2-SF	39.0	C3	0.44	0.50
23.6	455266	2/5V23.6-E	48.0	D3	0.25	0.95
28.0	455267	2/5V28.0-E	60.0	D3	0.25	0.95
31.5	---	---	---	---	---	---
37.5	---	---	---	---	---	---
50.0	---	---	---	---	---	---

4-Groove F = 3.06						
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
++4.4	455300	4/5V4.40-SD	6.8	E1	0.00	0.70
++4.65	455301	4/5V4.65-SD	7.7	E1	0.00	0.70
++4.9	455302	4/5V4.90-SD	8.0	A1	1.31	0.61
++5.2	455303	4/5V5.20-SD	8.7	A1	1.31	0.61
++5.5	455304	4/5V5.50-SD	9.7	A1	1.31	0.61
++5.9	455305	4/5V5.90-SD	11.0	A1	1.31	0.61
++6.3	455306	4/5V6.30-SK	13.0	A1	1.31	0.42
++6.7	455307	4/5V6.70-SK	14.0	A1	1.31	0.42
7.1	455308	4/5V7.1-SF	17.0	A1	1.31	0.37
7.5	455309	4/5V7.5-SF	20.0	A1	1.06	0.12
8.0	455310	4/5V8.0-E	28.0	B1	1.44	0.24
8.5	455311	4/5V8.5-E	30.0	B1	1.44	0.24
9.0	455312	4/5V9.0-E	33.0	B1	1.44	0.24
9.25	455313	4/5V9.25-E	36.0	B1	1.44	0.24
9.75	455314	4/5V9.75-E	36.0	B1	1.44	0.24
10.3	455315	4/5V10.3-E	37.0	B1	1.44	0.24
10.9	455316	4/5V10.9-E	40.0	B1	1.44	0.24
11.3	455317	4/5V11.3-E	39.0	B1	1.44	0.24
11.8	455318	4/5V11.8-E	42.0	B2	1.44	0.24
12.5	455319	4/5V12.5-E	43.0	B2	1.44	0.24
13.2	455320	4/5V13.2-E	44.0	A3	1.06	0.14
14.0	455321	4/5V14.0-E	47.0	A3	1.31	0.11
15.0	455322	4/5V15.0-E	50.0	A3	1.31	0.11
16.0	455323	4/5V16.0-E	51.0	A3	1.31	0.11
18.7	455324	4/5V18.7-E	63.0	A3	1.31	0.11
21.2	455325	4/5V21.2-E	62.0	D3	0.88	0.32
23.6	455326	4/5V23.6-F	75.0	D3	0.88	0.54
28.0	455327	4/5V28.0-F	94.0	D3	0.88	0.54
31.5	455328	4/5V31.5-F	111.0	D3	0.88	0.54
37.5	455329	4/5V37.5-F	144.0	D3	0.88	0.54
50.0	455330	4/5V50.0-J	267.0	D3	0.69	0.91

3-Groove F = 2.38						
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
++4.4	455268	3/5V4.4-SDS	5.7	E1	0.00	0.70
++4.65	455269	3/5V4.65-SDS	6.2	E1	0.00	0.70
++4.9	455270	3/5V4.9-SDS	6.3	A1	1.06	0.36
++5.2	455271	3/5V5.2-SDS	6.8	A1	1.06	0.36
++5.5	455272	3/5V5.5-SDS	7.7	A1	1.06	0.36
++5.9	455273	3/5V5.9-SDS	8.3	A1	1.06	0.36
++6.3	455274	3/5V6.3-SK	12.0	B1	1.13	0.24
++6.7	455275	3/5V6.7-SK	13.0	B1	1.13	0.24
7.1	455276	3/5V7.1-SF	15.0	A1	1.00	0.06
7.5	455277	3/5V7.5-SF	17.0	A1	1.00	0.06
8.0	455278	3/5V8.0-SF	19.0	A1	1.00	0.06
8.5	455279	3/5V8.5-SF	21.0	D1	0.81	0.13
9.0	455280	3/5V9.0-SF	22.0	D1	0.81	0.13
9.25	455281	3/5V9.25-SF	23.0	A1	1.00	0.06
9.75	455282	3/5V9.75-SF	23.0	A2	1.13	0.19
10.3	455284	3/5V10.3-SF	25.0	A2	1.00	0.06
10.9	455285	3/5V10.9-SF	27.0	D2	0.81	0.13
11.3	455286	3/5V11.3-SF	25.0	D2	0.81	0.13
11.8	455287	3/5V11.8-SF	28.0	A2	1.00	0.06
12.5	455288	3/5V12.5-E	36.0	D2	0.56	0.64
13.2	455289	3/5V13.2-E	38.0	C2	0.75	0.45
14.0	455290	3/5V14.0-E	46.0	D3	0.56	0.64
15.0	455291	3/5V15.0-E	48.0	D3	0.63	0.57
16.0	455292	3/5V16.0-E	50.0	D3	0.63	0.57
18.7	455293	3/5V18.7-E	54.0	D3	0.50	0.70
21.2	455294	3/5V21.2-E	62.0	C3	0.75	0.45
23.6	455295	3/5V23.6-E	79.0	C3	0.75	0.45
28.0	455296	3/5V28.0-E	85.0	C3	0.75	0.45
31.5	455297	3/5V31.5-F	124.0	D3	0.56	0.86
37.5	455298	3/5V37.5-F	143.0	D3	0.56	0.86
50.0	455299	3/5V50.0-F	218.0	D3	0.31	1.11

5-Groove F = 3.75						
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
++4.4	455331	5/5V4.4-SD	8.0	E1	0.00	0.70
++4.65	455332	5/5V4.65-SD	8.5	E1	0.00	0.70
++4.9	455333	5/5V4.9-SD	10.0	E1	0.00	0.70
++5.2	455334	5/5V5.2-SD	11.0	A1	1.31	0.61
++5.5	455335	5/5V5.5-SD	11.0	A1	1.31	0.61
++5.9	455336	5/5V5.9-SK	13.0	A1	1.31	0.42
++6.3	455337	5/5V6.3-SK	15.0	A1	1.31	0.42
++6.7	455338	5/5V6.7-SF	16.0	A1	1.19	0.25
7.1	455339	5/5V7.1-SF	19.0	A1	1.19	0.25
7.5	455340	5/5V7.5-SF	21.0	A1	1.19	0.25
8.0	455341	5/5V8.0-E	30.0	A1	1.38	0.18
8.5	455342	5/5V8.5-E	33.0	A1	1.38	0.18
9.0	455343	5/5V9.0-E	36.0	A1	1.38	0.18
9.25	455344	5/5V9.25-E	38.0	A1	1.38	0.18
9.75	455345	5/5V9.75-E	38.0	A1	1.38	0.18
10.3	455346	5/5V10.3-E	41.0	A1	1.38	0.18
10.9	455347	5/5V10.9-E	45.0	A1	1.38	0.18
11.3	455348	5/5V11.3-E	42.0	A1	1.38	0.18
11.8	455349	5/5V11.8-E	45.0	A2	1.38	0.18
12.5	455350	5/5V12.5-E	55.0	A2	1.38	0.18
13.2	455351	5/5V13.2-E	58.0	A2	1.38	0.18
14.0	455352	5/5V14.0-E	60.0	A2	1.38	0.18
15.0	455353	5/5V15.0-E	61.0	A3	1.31	0.11
16.0	455354	5/5V16.0-E	67.0	A3	1.25	0.05
18.7	455355	5/5V18.7-F	92.0	C3	1.31	0.11
21.2	455356	5/5V21.2-F	77.0	C3	1.31	0.11
23.6	455357	5/5V23.6-F	88.0	C3	1.31	0.11
28.0	455358	5/5V28.0-F	111.0	D3	1.08	0.34
31.5	455359	5/5V31.5-J	150.0	D3	1.00	0.60
37.5	455360	5/5V37.5-J	186.0	D3	0.81	0.79
50.0	455361	5/5V50.0-J	273.0	D3	1.00	0.60

Δ Pitch diameter = O.D. - .10" ... > .0000

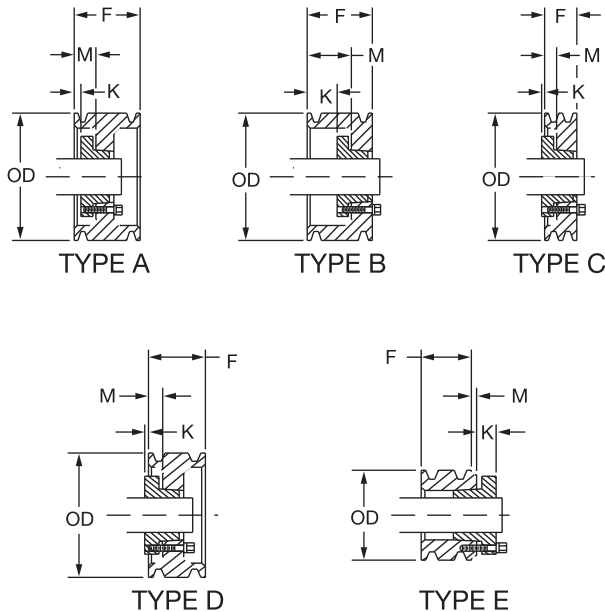
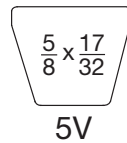
‡ Type 1 = Block Type, 2 = Web, 3 = Arm - See page PT7-2.

++ 5VX Belts only on these sizes.

SELECTION/DIMENSIONS



5V QD SHEAVES - Heavy Duty



8-Groove F = 5.81						
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
7.1	455393	8/5V7.1-SF	24.0	A1	2.13	1.19
7.5	455394	8/5V7.5-SF	28.0	A1	2.13	1.19
8.0	455395	8/5V8.0-E	36.0	A1	2.50	1.30
8.5	455396	8/5V8.5-E	39.0	A1	2.50	1.30
9.0	455397	8/5V9.0-E	43.0	A1	2.50	1.30
9.25	455398	8/5V9.25-F	55.0	A1	2.31	0.89
9.75	455399	8/5V9.75-F	56.0	A1	2.31	0.89
10.3	455400	8/5V10.3-F	60.0	A1	2.31	0.89
10.9	455401	8/5V10.9-F	65.0	A1	2.31	0.89
11.3	455402	8/5V11.3-F	70.0	A1	2.31	0.89
11.8	455403	8/5V11.8-F	67.0	A1	2.31	0.89
12.5	455404	8/5V12.5-F	76.0	A1	2.56	1.14
13.2	455405	8/5V13.2-F	77.0	A1	2.56	1.14
14.0	455406	8/5V14.0-F	77.0	A1	2.44	1.02
15.0	455407	8/5V15.0-F	85.0	A2	2.44	1.02
16.0	455408	8/5V16.0-F	90.0	A3	2.38	0.96
18.7	455409	8/5V18.7-J	138.0	A3	2.91	1.31
21.2	455410	8/5V21.2-J	126.0	D3	1.56	0.04
23.6	455411	8/5V23.6-J	141.0	D3	1.56	0.04
28.0	455412	8/5V28.0-J	172.0	D3	1.56	0.04
31.5	455413	8/5V31.5-M	246.0	A3	1.94	0.20
37.5	455414	8/5V37.5-M	296.0	A3	1.94	0.20
50.0	455415	8/5V50.0-M	419.0	A3	1.94	0.20

Δ Pitch diameter = O.D. - .10"

‡ Type 1 = Block Type, 2 = Web, 3 = Arm - See drawings page PT7-2.

++ 5V Belts only on these sizes.

6-Groove F = 4.44						
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
++4.4	455362	6/5V4.40-SD	9.0	E1	0.00	0.70
++4.65	455363	6/5V4.65-SD	10.0	E1	0.00	0.70
++4.90	455364	6/5V4.90-SD	11.0	E1	0.00	0.70
++5.20	455365	6/5V5.20-SD	12.0	A1	1.31	0.61
++5.50	455366	6/5V5.50-SD	13.0	A1	1.31	0.61
++5.90	455367	6/5V5.90-SK	14.0	A1	1.31	0.42
++6.30	455368	6/5V6.30-SK	16.0	A1	1.31	0.42
++6.70	455369	6/5V6.70-SF	19.0	A1	1.69	0.75
7.1	455370	6/5V7.1-SF	21.0	A1	1.63	0.68
7.5	455371	6/5V7.5-SF	24.0	A1	1.63	0.68
8.0	455372	6/5V8.0-E	32.0	A1	2.00	0.80
8.5	455373	6/5V8.5-E	34.0	A1	2.00	0.80
9.0	455374	6/5V9.0-E	38.0	A1	2.00	0.80
9.25	455375	6/5V9.25-E	40.0	A1	2.00	0.80
9.75	455376	6/5V9.75-E	41.0	A1	2.00	0.80
10.3	455377	6/5V10.3-E	44.0	A1	2.00	0.80
10.9	455378	6/5V10.9-E	49.0	A1	2.00	0.80
11.3	455379	6/5V11.3-E	47.0	A1	2.00	0.80
11.8	455380	6/5V11.8-E	49.0	A2	2.00	0.80
12.5	455381	6/5V12.5-F	63.0	B2	2.06	0.64
13.2	455382	6/5V13.2-F	64.0	B2	2.06	0.64
14.0	455383	6/5V14.0-F	73.0	B2	2.06	0.64
15.0	455384	6/5V15.0-F	75.0	D2	1.31	0.11
16.0	455385	6/5V16.0-F	91.0	B3	1.88	0.46
18.7	455386	6/5V18.7-F	99.0	A3	1.44	0.02
21.2	455387	6/5V21.2-F	86.0	D3	1.31	0.11
23.6	455388	6/5V23.6-J	121.0	B3	1.31	0.11
28.0	455389	6/5V28.0-J	145.0	B3	1.31	0.11
31.5	455390	6/5V31.5-J	167.0	B3	1.31	0.11
37.5	455391	6/5V37.5-J	208.0	B3	1.31	0.11
50.0	455392	6/5V50.0-M	353.0	B3	0.00	1.74

10-Groove F = 7.19						
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
8.0	456062	10/5V8.0-E	42.0	A1	3.25	2.05
8.5	456063	10/5V8.5-E	44.0	A1	3.25	2.05
9.0	456064	10/5V9.0-F	57.0	A1	3.31	1.89
9.25	456065	10/5V9.25-F	60.0	A1	3.31	1.89
9.75	456066	10/5V9.75-F	61.0	A1	3.31	1.89
10.3	456067	10/5V10.3-F	66.0	A1	3.31	1.89
10.9	456068	10/5V10.9-F	72.0	A1	3.31	1.89
11.3	456069	10/5V11.3-F	78.0	A1	3.31	1.89
11.8	456070	10/5V11.8-F	80.0	A1	3.31	1.89
12.5	456071	10/5V12.5-J	111.0	A1	3.56	1.96
13.2	456072	10/5V13.2-J	115.0	A1	3.56	1.96
14.0	456073	10/5V14.0-J	118.0	A1	3.44	1.84
15.0	456074	10/5V15.0-J	120.0	A1	3.31	1.71
16.0	456075	10/5V16.0-J	160.0	A1	3.56	1.96
18.7	456076	10/5V18.7-J	151.0	D2	1.56	0.04
21.2	456077	10/5V21.2-J	143.0	D2	1.56	0.04
23.6	456078	10/5V23.6-M	209.0	B3	1.94	0.20
28.0	456079	10/5V28.0-M	245.0	B3	1.94	0.20
31.5	456080	10/5V31.5-M	277.0	B3	1.94	0.20
37.5	456081	10/5V37.5-M	337.0	B3	1.94	0.20
50.0	456082	10/5V50.0-M	484.0	B3	1.94	0.20

V-Drives

FHP Drives

Drive Component
Accessories

DYNA-SYNC

HT200/HTD
Synchronous Drives

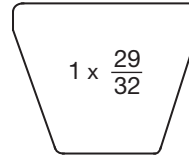
HT500
Synchronous Drives

Roller Chain Sprockets



SELECTION/DIMENSIONS

8V QD SHEAVES - Heavy Duty



4-Groove F = 4.88						
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
12.5	455416	4/8V12.5-F	83.0	D1	1.19	0.23
13.2	455417	4/8V13.2-F	88.0	D2	1.19	0.23
14.0	455418	4/8V14.0-F	88.0	D2	1.19	0.23
15.0	455419	4/8V15.0-F	111.0	D2	1.19	0.23
16.0	455420	4/8V16.0-F	105.0	D2	1.19	0.23
17.0	455521	4/8V17.0-F	150.0	D3	1.19	0.23
18.0	455422	4/8V18.0-F	150.0	D3	1.19	0.23
19.0	455423	4/8V19.0-F	146.0	D3	1.19	0.23
20.0	455424	4/8V20.0-J	145.0	D3	1.44	0.16
21.2	455425	4/8V21.2-J	181.0	D3	1.44	0.16
22.4	455426	4/8V22.4-J	199.0	D3	1.44	0.16
24.8	456654	4/8V24.8-M	211.0	C3	1.44	0.93
30.0	455427	4/8V30.0-M	292.0	C3	0.81	0.93
35.5	456655	4/8V35.5-M	367.0	C3	0.81	0.93
40.0	455428	4/8V40.0-M	434.0	C3	0.81	0.93
44.5	456656	4/8V44.5-M	371.0	C3	0.81	0.93
53.0	455429	4/8V53.0-M	818.0	C3	0.81	0.93

5-Groove F = 6.00						
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
12.5	455430	5/8V12.5-F	69.0	A2	2.31	0.89
13.2	455431	5/8V13.2-F	75.0	A2	2.31	0.89
14.0	455432	5/8V14.0-F	83.0	A2	2.31	0.89
15.0	455433	5/8V15.0-F	94.0	A2	2.31	0.89
16.0	455434	5/8V16.0-F	106.0	A2	2.31	0.89
17.0	455435	5/8V17.0-J	133.0	A2	2.00	0.40
18.0	455436	5/8V18.0-J	147.0	A3	2.00	0.40
19.0	455437	5/8V19.0-J	161.0	A3	2.00	0.40
20.0	455438	5/8V20.0-J	141.0	A3	2.00	0.40
21.2	455439	5/8V21.2-J	151.0	A3	2.00	0.40
22.4	456402	5/8V22.4-M	208.0	D3	1.94	0.20
24.8	456657	5/8V24.8-M	229.0	D3	1.94	0.20
30.0	455441	5/8V30.0-M	276.0	D3	1.94	0.20
35.5	456658	5/8V35.5-M	334.0	D3	1.94	0.20
40.0	455442	5/8V40.0-M	385.0	D3	1.94	0.20
44.5	456659	5/8V44.5-N	459.0	C3	0.94	1.11
53.0	455443	5/8V53.0-N	574.0	C3	0.94	1.11

6-Groove F = 7.13						
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
12.5	455444	6/8V12.5-F	78.0	A1	2.31	0.89
13.2	455445	6/8V13.2-F	85.0	A2	2.31	0.89
14.0	455446	6/8V14.0-F	94.0	A2	2.31	0.89
15.0	455447	6/8V15.0-J	122.0	A2	2.56	0.96
16.0	455448	6/8V16.0-J	134.0	A2	2.56	0.96
17.0	455449	6/8V17.0-J	147.0	A2	2.56	0.96
18.0	455450	6/8V18.0-J	161.0	A2	2.56	0.96
19.0	455451	6/8V19.0-J	177.0	A3	2.56	0.96
20.0	455452	6/8V20.0-M	232.0	B3	2.94	1.20
21.2	455453	6/8V21.2-M	216.0	B3	2.94	1.20
22.4	455454	6/8V22.4-M	227.0	B3	2.94	1.20
24.8	456660	6/8V24.8-M	251.0	B3	1.94	0.20
30.0	455455	6/8V30.0-M	306.0	B3	2.06	0.32
35.5	456661	6/8V35.5-N	391.0	C3	1.13	0.92
40.0	455456	6/8V40.0-N	450.0	C3	1.13	0.92
44.5	456662	6/8V44.5-N	511.0	C3	1.13	0.92
53.0	455457	6/8V53.0-N	646.0	C3	1.13	0.92
63.0	456663	6/8V63.0-P	856.0	C3	2.00	0.30
71.0	456690	6/8V71.0-P	1016.0	C3	2.00	0.30

8-Groove F = 9.38						
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
12.5	455458	8/8V12.5-J	115.0	A1	3.56	1.96
13.2	455459	8/8V13.2-J	129.0	A2	3.56	1.96
14.0	455460	8/8V14.0-J	146.0	A2	3.56	1.96
15.0	455461	8/8V15.0-J	144.0	A2	3.56	1.96
16.0	455462	8/8V16.0-J	158.0	A2	3.56	1.96
17.0	455463	8/8V17.0-M	214.0	A1	3.94	2.20
18.0	455464	8/8V18.0-M	230.0	A2	4.19	2.45
19.0	455465	8/8V19.0-M	247.0	A2	3.94	2.20
20.0	455466	8/8V20.0-M	266.0	A2	3.94	2.20
21.2	455467	8/8V21.2-M	245.0	A3	3.94	2.20
22.4	455468	8/8V22.4-M	264.0	A3	2.25	0.51
24.8	456664	8/8V24.8-N	315.0	A3	2.25	0.20
30.0	455469	8/8V30.0-N	384.0	A3	2.25	0.20
35.5	456665	8/8V35.5-N	468.0	A3	2.25	0.20
40.0	455470	8/8V40.0-N	543.0	B3	2.63	0.58
44.5	456666	8/8V44.5-P	670.0	B3	2.63	0.33
53.0	455471	8/8V53.0-P	833.0	B3	2.63	0.33
63.0	456667	8/8V63.0-P	1049.0	B3	2.63	0.33
71.0	456691	8/8V71.0-W	1266.0	C3	0.19	2.37

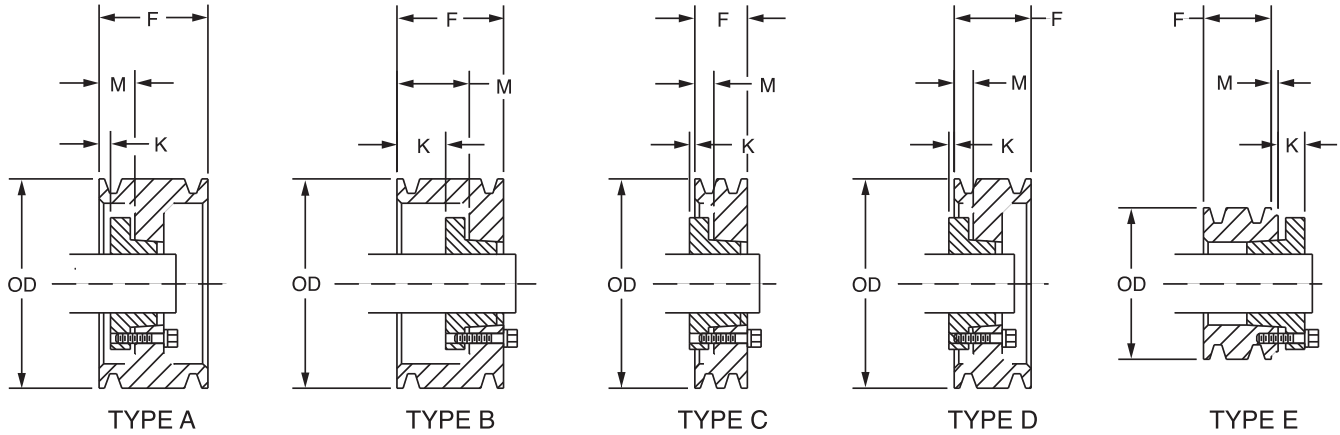
Δ Pitch diameter = O.D. - .20"

‡ Type 1 = Block Type, 2 = Web, 3 = Arm - See page PT7-2.

SELECTION/DIMENSIONS



8V QD SHEAVES - Heavy Duty



10-Groove						
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
12.5	455472	10/8V12.5-J	133	A1	3.56	1.96
13.2	455473	10/8V13.2-J	148	A1	3.56	1.96
14.0	455474	10/8V14.0-J	166	A2	3.56	1.96
15.0	455475	10/8V15.0-M	224	A2	3.94	2.20
16.0	455476	10/8V16.0-M	260	A2	3.94	2.20
17.0	455477	10/8V17.0-M	241	A1	3.94	2.20
18.0	455478	10/8V18.0-M	259	A2	3.94	2.20
19.0	455479	10/8V19.0-M	279	A2	3.94	2.20
20.0	455480	10/8V20.0-M	300	A2	3.94	2.20
21.2	455481	10/8V21.2-M	286	A3	3.94	2.20
22.4	455482	10/8V22.4-N	321	A3	2.25	0.20
24.8	456668	10/8V24.8-N	357	A3	2.25	0.20
30.0	455483	10/8V30.0-N	444	A3	2.25	0.20
35.5	456669	10/8V35.5-P	591	A3	2.63	0.33
40.0	455484	10/8V40.0-P	680	A3	2.63	0.33
44.5	456670	10/8V44.5-P	775	A3	2.63	0.33
53.0	455485	10/8V53.0-P	971	A3	2.63	0.33
63.0	456671	10/8V63.0-W	1256	D3	1.31	1.25
71.0	456692	10/8V71.0-W	1482	D3	1.31	1.25

12-Groove						
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
12.5	456672	12/8V12.5-M	164	A1	3.94	2.20
13.2	456673	12/8V13.2-M	186	A1	3.94	2.20
14.0	456674	12/8V14.0-M	213	A1	3.94	2.20
15.0	456675	12/8V15.0-M	248	A2	3.94	2.20
16.0	456676	12/8V16.0-M	285	A1	3.94	2.20
17.0	456677	12/8V17.0-M	270	A1	3.94	2.20
18.0	456678	12/8V18.0-M	292	A2	3.94	2.20
19.0	456679	12/8V19.0-N	330	A2	2.25	0.20
20.0	456680	12/8V20.0-N	354	A2	2.25	0.20
21.2	456681	12/8V21.2-N	365	A3	2.25	0.20
22.4	456682	12/8V22.4-N	367	A3	2.25	0.20
24.8	456683	12/8V24.8-N	408	A3	2.25	0.20
30.0	456684	12/8V30.0-P	557	A3	2.63	0.32
35.5	456685	12/8V35.5-P	671	A3	2.63	0.32
40.0	456686	12/8V40.0-P	776	A3	2.63	0.32
44.5	456687	12/8V44.5-P	887	A3	2.63	0.32
53.0	456688	12/8V53.0-W	1150	A3	2.88	0.32
63.0	456689	12/8V63.0-W	1445	D3	2.44	0.12
71.0	456693	12/8V71.0-W	1706	D3	2.44	0.12

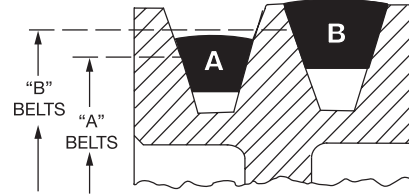
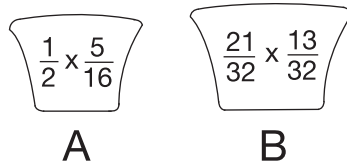
Δ Pitch diameter = O.D. - .20"

‡ Type 1 = Block Type, 2 = Web, 3 = Arm - See page PT7-2.

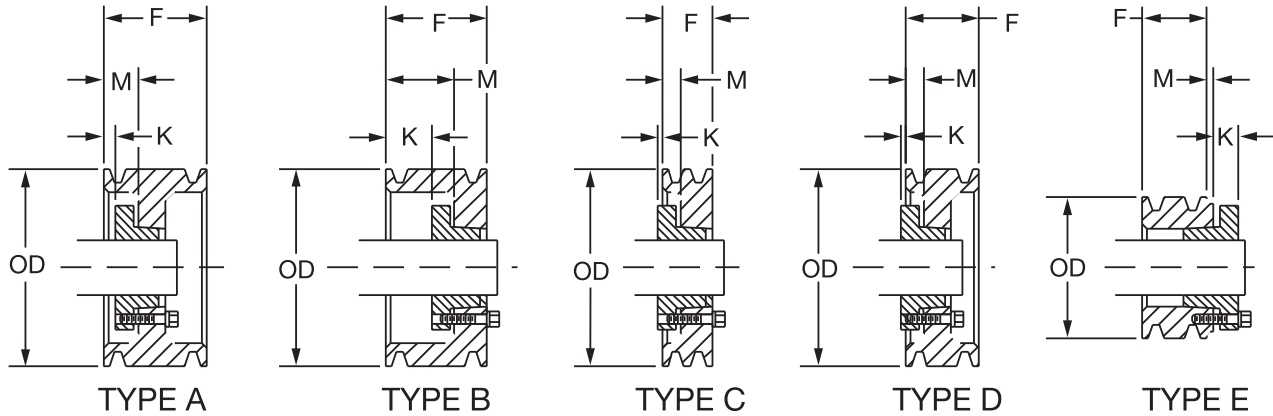


SELECTION/DIMENSIONS

A/B QD SHEAVES - Heavy Duty



Drawing illustrates how either A or B belts may be used with combination groove sheaves.



1-Groove							F = .84 A3.2 thru A4.0 B4.4						
							Balance F = 1						
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K							
3.75	118283	1A3.0B3.4-SH	2.0	E1	0.44	0.68							
3.95	118284	1A3.2B3.6-SH	2.2	D1	0.05	0.63							
4.15	118285	1A3.4B3.8-SH	2.4	D1	0.05	0.63							
4.35	118286	1A3.6B4.0-SH	2.7	D1	0.05	0.63							
4.55	455550	1A3.8B4.2-SH	2.9	D1	0.05	0.63							
4.75	455551	1A4.0B4.4-SH	3.4	D1	0.05	0.63							
4.95	455552	1A4.2B4.6-SDS	4.0	D1	0.14	0.55							
5.15	455553	1A4.4B4.8-SDS	4.0	D1	0.14	0.55							
5.35	455554	1A4.6B5.0-SDS	4.0	D1	0.14	0.55							
5.55	455555	1A4.8B5.2-SDS	5.0	D1	0.14	0.55							
5.75	455556	1A5.0B5.4-SDS	5.0	D1	0.14	0.55							
5.95	455557	1A5.2B5.6-SDS	6.0	C1	0.25	0.45							
6.15	455558	1A5.4B5.8-SDS	6.0	C1	0.25	0.45							
6.35	455559	1A5.6B6.0-SDS	6.0	C1	0.25	0.45							
6.55	455560	1A5.8B6.2-SDS	6.0	C1	0.25	0.45							
6.75	455561	1A6.0B6.4-SDS	6.0	C1	0.25	0.45							
6.95	455562	1A6.2B6.6-SDS	7.0	C1	0.25	0.45							
7.15	455563	1A6.4B6.8-SDS	7.0	C1	0.25	0.45							
7.35	455564	1A6.6B7.0-SDS	7.5	D1	0.13	0.57							
7.75	455565	1A7.0B7.4-SDS	8.0	C1	0.25	0.45							
8.35	455566	1A7.6B8.0-SDS	8.0	D1	0.13	0.57							
8.95	455567	1A8.2B8.6-SDS	8.0	D2	0.13	0.57							
9.75	455568	1A9.0B9.4-SDS	8.0	D2	0.13	0.57							
11.35	455569	1A10.6B11.0-SDS	10.0	D2	0.13	0.57							
12.75	455570	1A12.0B12.4-SDS	11.0	D3	0.13	0.57							
13.95	455571	1A13.2B13.6-SDS	13.0	D3	0.06	0.63							
15.75	455572	1A15.0B15.4-SK	16.0	C3	0.06	0.83							
16.35	455573	1A15.6B16.0-SK	17.0	C3	0.00	0.89							
18.75	455574	1A18.0B18.4-SK	18.0	C3	0.00	0.89							
20.35	455575	1B20.0-SK	18.0	C3	0.00	0.89							

Δ P.D. for "A" Belts = O.D. - .37"

P.D. for "B" Belts = O.D. + .01"

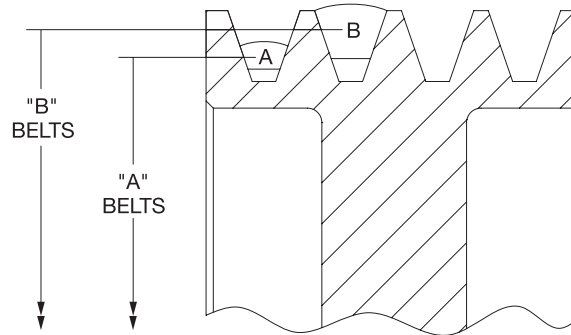
‡ Type 1 = Block Type, 2 = Web, 3 = Arm - See page PT7-2.

2-Groove							F = 1.75						
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K							
3.75	455576	2A3.0B3.4-SH	3.2	E1	0.38	0.68							
3.95	455577	2A3.2B3.6-SH	3.4	E1	0.00	0.68							
4.15	455578	2A3.4B3.8-SH	3.9	E1	0.00	0.68							
4.35	455579	2A3.6B4.0-SH	3.8	A1	0.94	0.26							
4.55	455580	2A3.8B4.2-SH	4.4	A1	0.94	0.26							
4.75	455581	2A4.0B4.4-SH	4.6	A1	0.94	0.26							
4.95	455582	2A4.2B4.6-SDS	5.0	A1	1.00	0.30							
5.15	455583	2A4.4B4.8-SDS	4.1	A1	1.00	0.30							
5.35	455584	2A4.6B5.0-SDS	6.0	A1	1.00	0.30							
5.55	455585	2A4.8B5.2-SDS	7.0	A1	1.00	0.30							
5.75	455586	2A5.0B5.4-SDS	7.0	A1	1.00	0.30							
5.95	455587	2A5.2B5.6-SDS	7.0	A1	0.81	0.12							
6.15	455588	2A5.4B5.8-SDS	7.0	D1	0.69	0.01							
6.35	455589	2A5.6B6.0-SDS	7.0	D1	0.69	0.01							
6.55	455590	2A5.8B6.2-SDS	6.3	D1	0.69	0.01							
6.75	455591	2A6.0B6.4-SDS	8.0	D1	0.69	0.01							
6.95	455592	2A6.2B6.6-SDS	8.2	D1	0.69	0.01							
7.15	455593	2A6.4B6.8-SDS	9.0	D1	0.69	0.01							
7.35	455594	2A6.6B7.0-SK	10.0	C1	0.50	0.39							
7.75	455595	2A7.0B7.4-SK	11.0	C1	0.50	0.39							
8.35	455596	2A7.6B8.0-SK	11.0	D2	0.44	0.46							
8.95	455597	2A8.2B8.6-SK	12.0	D2	0.44	0.46							
9.75	455598	2A9.0B9.4-SK	12.0	D2	0.44	0.46							
11.35	455599	2A10.6B11.0-SK	14.0	D2	0.44	0.46							
12.75	455600	2A12.0B12.4-SK	18.0	D3	0.44	0.46							
13.95	455601	2A13.2B13.6-SK	19.0	D3	0.38	0.52							
15.75	455602	2A15.0B15.4-SK	24.0	D3	0.44	0.46							
16.35	455603	2A15.6B16.0-SK	22.0	D3	0.44	0.46							
18.75	455604	2A18.0B18.4-SK	29.0	D3	0.31	0.58							
20.35	455605	2B20.0-SF	30.0	D3	0.38	0.57							
25.35	455606	2B25.0-SF	40.0	D3	0.38	0.57							
30.35	455607	2B30.0-SF	50.0	D3	0.38	0.57							
38.35	455608	2B38.0-SF	70.0	D3	0.34	0.60							

SELECTION/DIMENSIONS



A/B QD SHEAVES - Heavy Duty



Drawing illustrates how either A or B belts may be used with combination groove sheaves.

3-Groove						F = 2.50	
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K	
3.75	455609	3A3.0B3.4-SH	4.2	E1	0.38	0.68	
3.95	455610	3A3.2B3.6-SH	4.7	E1	0.00	0.68	
4.15	455611	3A3.4B3.8-SH	5.4	E1	0.00	0.68	
4.35	455612	3A3.6B4.0-SH	4.8	E1	0.00	0.68	
4.55	455613	3A3.8B4.2-SH	5.4	E1	0.00	0.68	
4.75	455614	3A4.0B4.4-SH	5.6	E1	0.00	0.68	
4.95	455615	3A4.2B4.6-SD	8.0	A1	1.06	0.37	
5.15	455616	3A4.4B4.8-SD	8.5	A1	1.06	0.67	
5.35	455617	3A4.6B5.0-SD	9.0	A1	1.06	0.67	
5.55	455618	3A4.8B5.2-SD	9.0	A1	1.06	0.37	
5.75	455619	3A5.0B5.4-SD	10.0	A1	1.06	0.37	
5.95	455620	3A5.2B5.6-SD	11.0	A1	1.06	0.37	
6.15	455621	3A5.4B5.8-SD	9.1	A1	1.06	0.37	
6.35	455622	3A5.6B6.0-SD	10.0	A1	1.06	0.37	
6.55	455623	3A5.8B6.2-SD	11.0	A1	1.06	0.37	
6.75	455624	3A6.0B6.4-SD	11.0	A1	1.06	0.37	
6.95	455625	3A6.2B6.6-SD	12.0	A1	1.06	0.37	
7.15	455626	3A6.4B6.8-SD	13.0	A1	1.06	0.37	
7.35	455627	3A6.6B7.0-SK	13.0	D1	0.75	0.14	
7.75	455628	3A7.0B7.4-SK	13.0	D1	0.75	0.14	
8.35	455629	3A7.6B8.0-SK	14.0	D1	0.88	0.02	
8.95	455630	3A8.2B8.6-SK	13.0	D1	0.88	0.02	
9.75	455631	3A9.0B9.4-SK	16.0	D2	0.75	0.14	
11.35	455632	3A10.6B11.0-SK	19.0	D2	0.75	0.14	
12.75	455633	3A12.0B12.4-SK	24.0	D3	0.75	0.14	
13.95	455634	3A13.2B13.6-SK	24.0	D3	0.69	0.21	
15.75	455635	3A15.0B15.4-SK	30.0	D3	0.75	0.14	
16.35	455636	3A15.6B16.0-SK	27.0	D3	0.75	0.14	
18.75	455637	3A18.0B18.4-SK	38.0	D3	0.75	0.14	
20.35	455638	3B20.0-SF	38.0	D3	0.63	0.32	
25.35	455639	3B25.0-SF	51.0	D3	0.63	0.32	
30.35	455640	3B30.0-SF	65.0	D3	0.63	0.32	
38.35	455641	3B38.0-E	95.0	D3	0.63	0.57	

4-Groove						F = 3.25	
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K	
3.75	455642	4A3.0B3.4-SD	5.5	E1	0.47	0.70	
3.95	455643	4A3.2B3.6-SD	5.8	E1	0.47	0.70	
4.15	455644	4A3.4B3.8-SD	6.2	E1	0.47	0.70	
4.35	455645	4A3.6B4.0-SD	6.6	E1	0.00	0.70	
4.55	455646	4A3.8B4.2-SD	6.9	E1	0.00	0.70	
4.75	455647	4A4.0B4.4-SD	7.5	E1	0.00	0.70	
4.95	455648	4A4.2B4.6-SD	7.5	A1	1.50	0.80	
5.15	455649	4A4.4B4.8-SD	7.3	A1	1.50	0.80	
5.35	455650	4A4.6B5.0-SD	10.0	A1	1.50	0.80	
5.55	455651	4A4.8B5.2-SD	11.0	A1	1.50	0.80	
5.75	455652	4A5.0B5.4-SD	11.0	A1	1.50	0.80	
5.95	455653	4A5.2B5.6-SD	12.0	A1	1.50	0.80	
6.15	455654	4A5.4B5.8-SD	11.0	A1	1.50	0.80	
6.35	455655	4A5.6B6.0-SD	11.0	A1	1.50	0.80	
6.55	455656	4A5.8B6.2-SD	14.0	A1	1.50	0.80	
6.75	455657	4A6.0B6.4-SD	14.0	A1	1.50	0.80	
6.95	455658	4A6.2B6.6-SD	14.0	A1	1.50	0.80	
7.15	455659	4A6.4B6.8-SD	14.0	A1	1.50	0.80	
7.35	455660	4A6.6B7.0-SK	14.0	A1	1.00	0.11	
7.75	455661	4A7.0B7.4-SK	15.0	A1	1.25	0.36	
8.35	455662	4A7.6B8.0-SK	15.0	A1	1.38	0.48	
8.95	455663	4A8.2B8.6-SK	17.0	A1	1.50	0.61	
9.75	455664	4A9.0B9.4-SK	19.0	A2	1.13	0.23	
11.35	455665	4A10.6B11.0-SK	22.0	A2	1.00	0.11	
12.75	455666	4A12.0B12.4-SK	29.0	A3	1.00	0.11	
13.95	455667	4A13.2B13.6-SK	29.0	A3	1.00	0.11	
15.75	455668	4A15.0B15.4-SF	39.0	A3	1.13	0.18	
16.35	455669	4A15.6B16.0-SF	34.0	A3	1.00	0.06	
18.75	455670	4A18.0B18.4-SF	47.0	A3	1.00	0.06	
20.35	455671	4B20.0-SF	46.0	A3	1.00	0.06	
25.35	455672	4B25.0-E	66.0	D3	1.00	0.20	
30.35	455673	4B30.0-E	83.0	D3	0.63	0.57	
38.35	455674	4B38.0-E	115.0	D3	1.00	0.20	

Δ P.D. for "A" Belts = O.D. - .37"

P.D. for "B" Belts = O.D. + .01"

‡ Type 1 = Block Type, 2 = Web, 3 = Arm - See page PT7-2.



SELECTION/DIMENSIONS

A/B QD SHEAVES - Heavy Duty

5-Groove F = 4.00						
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
3.75	455675	5A3.0B3.4-SD	5.9	E1	0.47	0.70
3.95	455676	5A3.2B3.6-SD	6.5	E1	0.47	0.70
4.15	455677	5A3.4B3.8-SD	7.2	E1	0.47	0.70
4.35	455678	5A3.6B4.0-SD	7.3	E1	0.00	0.70
4.55	455679	5A3.8B4.2-SD	8.0	E1	0.00	0.70
4.75	455680	5A4.0B4.4-SD	8.8	E1	0.00	0.70
4.95	455681	5A4.2B4.6-SD	9.0	A1	1.31	0.62
5.15	455682	5A4.4B4.8-SD	8.5	A1	1.31	0.62
5.35	455683	5A4.6B5.0-SD	11.0	A1	1.31	0.62
5.55	455684	5A4.8B5.2-SD	12.0	A1	1.31	0.62
5.75	455685	5A5.0B5.4-SK	12.0	A1	1.31	0.42
5.95	455686	5A5.2B5.6-SK	12.0	A1	1.31	0.42
6.15	455687	5A5.4B5.8-SK	13.0	A1	1.31	0.42
6.35	455688	5A5.6B6.0-SK	14.0	A1	1.31	0.42
6.55	455689	5A5.8B6.2-SK	13.0	A1	1.31	0.42
6.75	455690	5A6.0B6.4-SK	16.0	A1	1.31	0.42
6.95	455691	5A6.2B6.6-SK	15.0	A1	1.31	0.42
7.15	455692	5A6.4B6.8-SK	17.0	A1	1.31	0.42
7.35	455693	5A6.6B7.0-SF	16.0	A1	1.31	0.37
7.75	455694	5A7.0B7.4-SF	20.0	A1	1.31	0.37
8.35	455695	5A7.6B8.0-SF	17.0	A1	1.31	0.37
8.95	455696	5A8.2B8.6-SF	24.0	A1	1.31	0.37
9.75	455697	5A9.0B9.4-SF	24.0	A1	1.31	0.37
11.35	455698	5A10.6B11.0-SF	29.0	A2	1.31	0.37
12.75	455699	5A12.0B12.4-SF	34.0	A3	1.06	0.12
13.95	455700	5A13.2B13.6-SF	33.0	A3	1.31	0.37
15.75	455701	5A15.0B15.4-SF	46.0	A3	1.31	0.37
16.35	455702	5A15.6B16.0-SF	38.0	A2	1.25	0.31
18.75	455703	5A18.0B18.4-SF	55.0	A3	1.31	0.37
20.35	455704	5B20.0-E	58.0	A3	1.25	0.05
25.35	455705	5B25.0-E	76.0	A3	1.25	0.05
30.35	455706	5B30.0-E	97.0	A3	1.25	0.05
38.35	455707	5B38.0-E	135.0	A3	1.25	0.05

8-Groove F = 6.25						
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
5.8	455741	8B5.4-SK	15.0	A1	1.88	0.98
6.0	455742	8B5.6-SK	16.0	A1	1.88	0.98
6.4	455743	8B6.0-SF	21.0	A1	1.81	0.87
6.8	455744	8B6.4-SF	23.0	A1	1.81	0.87
7.2	455745	8B6.8-SF	25.0	A1	1.25	0.31
7.8	455746	8B7.4-SF	28.0	A1	1.25	1.18
9.0	455747	8B8.6-E	40.0	A1	2.38	1.18
9.8	455748	8B9.4-E	43.0	A1	2.38	1.18
11.4	455749	8B11.0-E	49.0	A1	2.38	1.18
12.8	455750	8B12.4-E	56.0	A2	2.38	1.18
15.8	455751	8B15.4-E	69.0	A2	2.38	1.18
18.8	455752	8B18.4-F	91.0	D3	1.31	0.11
20.4	455753	8B20.0-F	84.0	D3	1.31	0.11
25.4	455754	8B25.0-F	111.0	D3	1.31	0.11
30.4	455755	8B30.0-F	142.0	D3	1.31	0.11
38.4	455756	8B38.0-F	200.0	D3	1.31	0.11

6-Groove F = 4.75						
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
3.75	455708	6A3.0B3.4-SD	6.7	E1	0.38	0.70
3.95	455709	6A3.2B3.6-SD	7.4	E1	0.38	0.70
4.15	455710	6A3.4B3.8-SD	8.0	E1	0.38	0.70
4.35	455711	6A3.6B4.0-SD	8.4	E1	0.00	0.70
4.55	455712	6A3.8B4.2-SD	9.0	E1	0.00	0.70
4.75	455713	6A4.0B4.4-SD	10.0	E1	0.00	0.70
4.95	455714	6A4.2B4.6-SD	10.0	A1	1.31	0.62
5.15	455715	6A4.4B4.8-SD	10.0	A1	1.31	0.62
5.35	455716	6A4.6B5.0-SD	12.0	A1	1.31	0.62
5.55	455717	6A4.8B5.2-SD	13.0	A1	1.31	0.62
5.75	455718	6A5.0B5.4-SK	13.0	A1	1.31	0.42
5.95	455719	6A5.2B5.6-SK	14.0	A1	1.31	0.42
6.15	455720	6A5.4B5.8-SK	12.0	A1	1.31	0.42
6.35	455721	6A5.6B6.0-SK	15.0	A1	1.31	0.42
6.55	455722	6A5.8B6.2-SK	15.0	A1	1.31	0.42
6.75	455723	6A6.0B6.4-SK	17.0	A1	1.31	0.42
6.95	455724	6A6.2B6.6-SK	17.0	A1	1.31	0.42
7.15	455725	6A6.4B6.8-SK	19.0	A1	1.31	0.42
7.35	455726	6A6.6B7.0-SF	18.0	A1	1.69	0.75
7.75	455727	6A7.0B7.4-SF	22.0	A1	1.69	0.75
8.35	455728	6A7.6B8.0-SF	23.0	A1	1.69	0.75
8.95	455729	6A8.2B8.6-SF	26.0	A1	1.69	0.75
9.75	455730	6A9.0B9.4-SF	27.0	A1	1.69	0.75
11.35	455731	6A10.6B11.0-SF	32.0	A2	1.69	0.75
12.75	455732	6A12.0B12.4-SF	39.0	A3	1.50	0.56
13.95	455733	6A13.2B13.6-SF	38.0	A3	1.69	0.75
15.75	455734	6A15.0B15.4-SF	50.0	A2	1.81	0.87
16.35	455735	6A15.6B16.0-SF	44.0	A2	1.81	0.87
18.75	455736	6A18.0B18.4-SF	62.0	A3	1.75	0.81
20.35	455737	6B20.0-E	65.0	A3	1.38	0.18
25.35	455738	6B25.0-E	87.0	A3	1.38	0.18
30.35	455739	6B30.0-E	111.0	A3	1.38	0.18
38.35	455740	6B38.0-E	155.0	A3	1.38	0.18

10-Groove F = 7.75						
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
5.8	455757	10B5.4-SK	18.0	A1	3.25	2.36
6.0	455758	10B5.6-SK	19.0	A1	3.50	2.61
6.4	455759	10B6.0-SF	24.0	A1	3.25	2.31
6.8	455760	10B6.4-SF	26.0	A1	3.50	2.56
7.2	455761	10B6.8-SF	28.0	A1	3.00	2.06
7.8	455762	10B7.4-SF	32.0	A1	2.56	1.62
9.0	455763	10B8.6-E	47.0	A1	3.13	1.93
9.8	455764	10B9.4-E	48.0	A1	3.13	1.93
11.4	455765	10B11.0-E	56.0	A1	3.13	1.93
12.8	455766	10B12.4-F	64.0	A1	3.13	1.70
15.8	455767	10B15.4-F	88.0	A2	2.06	0.64
18.8	455768	10B18.4-F	103.0	A3	2.06	0.64
20.4	455769	10B20.0-F	99.0	A3	2.06	0.64
25.4	455770	10B25.0-F	132.0	A3	2.06	0.64
30.4	455771	10B30.0-F	169.0	A3	2.06	0.64
38.4	455772	10B38.0-J	257.0	D3	1.44	0.16

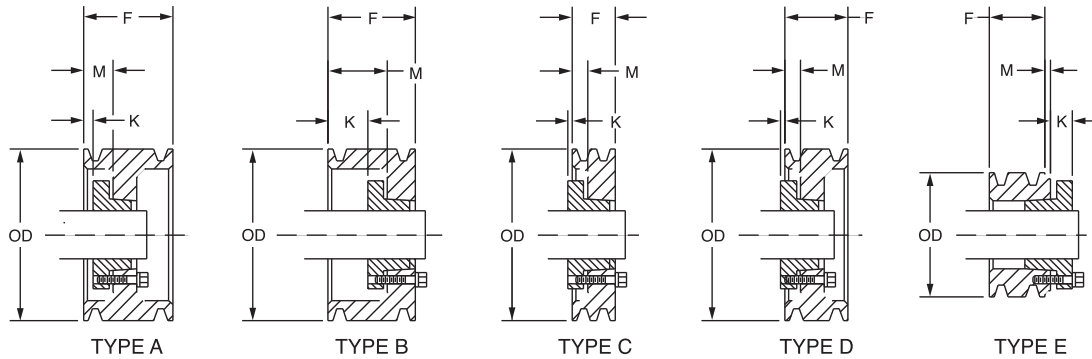
Δ P.D. for "A" Belts = O.D. - .37"
P.D. for "B" Belts = O.D. + .01"

‡ Type 1 = Block Type, 2 = Web, 3 = Arm - See page PT7-2.

SELECTION/DIMENSIONS



C QD SHEAVES - Heavy Duty



1-Groove		F = 1.38				
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
7.4	455773	1C7.0-SF	9.0	C1	0.13	0.82
7.9	455774	1C7.5-SF	11.0	C1	0.13	0.82
8.4	455775	1C8.0-SF	11.0	C1	0.13	0.82
8.9	455776	1C8.5-SF	12.0	C1	0.13	0.82
9.4	455777	1C9.0-SF	12.0	C1	0.13	0.82
9.9	455778	1C9.5-SF	13.0	C1	0.13	0.82
10.4	455779	1C10.0-SF	14.0	C2	0.13	0.82
10.9	455780	1C10.5-SF	14.0	C2	0.13	0.82
11.4	455781	1C11.0-SF	16.0	C2	0.13	0.82
12.4	455782	1C12.0-SF	17.0	C2	0.13	0.82
13.4	455783	1C13.0-SF	19.0	C3	0.13	0.82
14.4	455784	1C14.0-SF	21.0	C3	0.13	0.82
16.4	455785	1C16.0-SF	24.0	C3	0.13	0.82
18.4	455786	1C18.0-SF	27.0	C3	0.13	0.82
20.4	455787	1C20.0-SF	31.0	C3	0.13	0.82
24.4	455788	1C24.0-SF	38.0	C3	0.13	0.82

2-Groove		F = 2.37				
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
7.4	455789	2C7.0-SF	18.0	D1	0.81	0.13
7.9	455790	2C7.5-SF	20.0	D1	0.81	0.13
8.4	455791	2C8.0-SF	19.0	D1	0.81	0.13
8.9	455792	2C8.5-SF	20.0	D1	0.81	0.13
9.4	455793	2C9.0-SF	21.0	D1	0.81	0.13
9.9	455794	2C9.5-SF	22.0	D1	0.81	0.13
10.4	455795	2C10.0-SF	23.0	D2	0.81	0.13
10.9	455796	2C10.5-SF	23.0	D2	0.81	0.13
11.4	455797	2C11.0-SF	25.0	D2	0.81	0.13
12.4	455798	2C12.0-SF	27.0	D2	0.56	0.38
13.4	455799	2C13.0-SF	29.0	D3	0.56	0.68
14.4	455800	2C14.0-SF	34.0	D3	0.56	0.38
16.4	455801	2C16.0-SF	39.0	D3	0.63	0.32
18.4	455802	2C18.0-SF	39.0	D2	0.63	0.32
20.4	455803	2C20.0-SF	43.0	D3	0.56	0.38
24.4	455804	2C24.0-SF	55.0	D3	0.56	0.38
27.4	456012	2C27.0-F	72.0	C3	0.56	0.86
30.4	456805	2C30.0-F	82.0	C3	0.56	0.86

3-Groove		F = 3.38				
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
5.4	455806	+3C5.0-SD	9.0	A1	1.31	0.62
5.9	455807	+3C5.5-SD	10.0	A1	1.31	0.62
6.4	455808	+3C6.0-SF	10.0	A1	1.31	0.37
7.4	455809	3C7.0-SF	20.0	A1	1.13	0.18
7.9	455810	3C7.5-SF	23.0	A1	1.31	0.37
8.4	455811	3C8.0-E	33.0	B1	1.75	0.55
8.9	455812	3C8.5-E	35.0	B1	1.75	0.55
9.4	455813	3C9.0-E	36.0	B1	1.75	0.55
9.9	455814	3C9.5-E	37.0	B1	1.75	0.55
10.4	455815	3C10.0-E	39.0	B1	1.75	0.55
10.9	455816	3C10.5-E	39.0	B1	1.75	0.55
11.4	455817	3C11.0-E	40.0	B1	1.75	0.55
12.4	455818	3C12.0-E	43.0	B2	1.75	0.55
13.4	455819	3C13.0-E	45.0	B3	1.75	0.55
14.4	455820	3C14.0-E	51.0	B3	1.75	0.55
16.4	455821	3C16.0-E	59.0	A3	1.31	0.12
18.4	455822	3C18.0-E	55.0	D3	0.81	0.38
20.4	455823	3C20.0-E	60.0	D3	1.00	0.20
24.4	455824	3C24.0-E	75.0	D3	1.00	0.20
27.4	456013	3C27.0-F	91.0	D3	0.81	0.61
30.4	455825	3C30.0-F	104.0	D3	0.81	0.61
36.4	455826	3C36.0-F	133.0	D3	0.81	0.61
44.4	455827	3C44.0-F	176.0	D3	0.81	0.61
50.4	455828	3C50.0-F	211.0	D3	0.81	0.61

4-Groove		F = 4.37				
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
5.4	455829	+4C5.0-SD	11.0	A1	1.56	0.87
5.9	455830	+4C5.5-SD	12.0	A1	1.56	0.87
6.4	455831	+4C6.0-SF	11.0	A1	1.56	0.62
7.4	455832	4C7.0-SF	23.0	A1	1.56	0.62
7.9	455833	4C7.5-SF	25.0	A1	1.50	0.56
8.4	455834	4C8.0-E	36.0	A1	2.00	0.80
8.9	455835	4C8.5-E	39.0	A1	2.00	0.80
9.4	455836	4C9.0-E	39.0	A1	2.13	0.93
9.9	455837	4C9.5-E	41.0	A1	2.00	0.80
10.4	455838	4C10.0-E	43.0	A1	2.13	0.93
10.9	455839	4C10.5-E	44.0	A1	2.13	0.93
11.4	455840	4C11.0-E	46.0	A1	2.13	0.93
12.4	455841	4C12.0-E	50.0	A2	2.13	0.93
13.4	455842	4C13.0-E	53.0	A3	2.00	0.80
14.4	455843	4C14.0-E	59.0	A2	1.81	0.62
16.4	455844	4C16.0-E	69.0	A3	1.94	0.74
18.4	455845	4C18.0-E	66.0	A3	1.88	0.68
20.4	455846	4C20.0-E	72.0	A3	1.50	0.30
24.4	455847	4C24.0-F	95.0	D3	1.31	0.11
27.4	456014	4C27.0-F	110.0	D3	1.31	0.11
30.4	455848	4C30.0-F	126.0	D3	1.31	0.11
36.4	455849	4C36.0-F	162.0	D3	1.31	0.11
44.4	455850	4C44.0-F	236.0	D3	1.19	0.41
50.4	455851	4C50.0-J	279.0	D3	1.56	0.04

Δ Pitch Diameter = O.D.

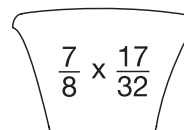
‡ Type 1 = Block Type, 2 = Web, 3 = Arm - See page PT7-2.

+ Recommended CX Belt only



SELECTION/DIMENSIONS

C QD SHEAVES - Heavy Duty



5-Groove						F = 5.37
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
6.4	455852	+5C6.0-SF	13.0	A1	1.94	1.00
7.4	455853	5C7.0-SF	26.0	A1	1.25	0.31
7.9	455854	5C7.5-SF	28.0	A1	1.88	0.93
8.4	455855	5C8.0-E	39.0	A1	1.50	0.30
8.9	455856	5C8.5-E	42.0	A1	1.63	0.43
9.4	455857	5C9.0-E	43.0	A1	1.63	0.43
9.9	455858	5C9.5-E	45.0	A1	1.50	0.30
10.4	455859	5C10.0-E	48.0	A1	1.50	0.30
10.9	455860	5C10.5-E	50.0	A1	1.50	0.30
11.4	455861	5C11.0-E	52.0	A1	2.25	1.05
12.4	455862	5C12.0-E	57.0	A1	2.22	1.02
13.4	455863	5C13.0-E	61.0	A2	2.00	0.80
14.4	455864	5C14.0-E	69.0	A2	2.00	0.80
16.4	455865	5C16.0-E	79.0	A3	2.00	0.80
18.4	455866	5C18.0-E	74.0	A3	2.38	1.18
20.4	455867	5C20.0-F	88.0	D3	1.31	0.11
24.4	455868	5C24.0-F	110.0	D3	1.31	0.11
27.4	456083	5C27.0-F	128.0	D3	1.31	0.11
30.4	455869	5C30.0-F	148.0	D3	1.31	0.11
36.4	455870	5C36.0-J	212.0	D3	1.31	0.29
44.4	455871	5C44.0-J	274.0	D3	1.31	0.29
50.0	455872	5C50.0-J	325.0	D3	1.56	0.04

8-Groove						F = 8.37
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
7.4	455894	8C7.0-SF	32.0	A1	4.00	3.06
8.4	455895	8C8.0-E	49.0	A1	3.25	2.05
8.9	455896	8C8.5-E	53.0	A1	3.25	2.05
9.4	455897	8C9.0-F	68.0	A1	2.50	1.08
9.9	455898	8C9.5-F	74.0	A1	2.50	1.08
10.4	455899	8C10.0-F	73.0	A1	2.50	1.08
10.9	455900	8C10.5-F	74.0	A1	2.50	1.08
11.4	455901	8C11.0-F	78.0	A1	3.38	1.95
12.4	455902	8C12.0-F	86.0	A1	3.38	1.95
13.4	455903	8C13.0-F	93.0	A1	3.38	1.95
14.4	455904	8C14.0-F	102.0	A1	3.38	1.95
16.4	455905	8C16.0-F	116.0	A3	3.38	1.95
18.4	455906	8C18.0-F	133.0	A3	3.63	2.20
20.4	455907	8C20.0-J	147.0	D3	1.56	0.04
24.4	455908	8C24.0-J	179.0	D3	1.56	0.04
27.4	456085	8C27.0-J	205.0	D3	1.56	0.04
30.4	455909	8C30.0-J	233.0	D3	1.56	0.04
36.4	455910	8C36.0-M	339.0	A3	1.94	0.20
44.4	455911	8C44.0-M	428.0	A3	1.94	0.20
50.4	455912	8C50.0-M	502.0	A3	1.94	0.20

12-Groove						F = 12.37
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
9.4	455930	12C9.0-J	92.0	A1	4.06	2.46
9.9	455931	12C9.5-J	100.0	A1	4.06	2.46
10.4	455932	33'12C10.0-J	108.0	A1	4.06	2.46
10.9	455933	12C10.5-J	115.0	A1	4.06	2.46
11.4	455934	12C11.0-J	125.0	A1	4.06	2.46
12.4	455935	12C12.0-J	127.0	A1	4.06	2.46
13.4	455936	12C13.0-J	135.0	A1	4.06	2.46
14.4	455937	12C14.0-J	145.0	A1	4.06	2.46
16.4	455938	12C16.0-J	165.0	A2	4.06	2.46
18.4	455939	12C18.0-J	198.0	A3	4.06	2.46
20.4	455940	12C20.0-M	277.0	A3	1.94	0.20
24.4	455941	12C24.0-M	287.0	A3	1.94	0.20
30.4	455942	12C30.0-M	362.0	A3	1.94	0.20
36.4	455943	12C36.0-M	446.0	A3	1.94	0.20
44.4	455944	12C44.0-M	572.0	A3	1.94	0.20
50.4	455945	12C50.0-M	676.0	A3	1.94	0.20

6-Groove						F = 6.37
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
6.4	455873	+6C6.0-SF	15.0	A1	1.94	1.00
7.4	455874	6C7.0-SF	29.0	A1	1.94	1.00
7.9	455875	6C7.5-SF	31.0	A1	1.94	1.18
8.4	455876	6C8.0-E	42.0	A1	2.38	1.18
8.9	455877	6C8.5-E	46.0	A1	2.38	1.02
9.4	455878	6C9.0-F	60.0	A1	2.44	1.02
9.9	455879	6C9.5-F	66.0	A1	2.44	1.02
10.4	455880	6C10.0-F	64.0	A1	2.44	1.02
10.9	455881	6C10.5-F	65.0	A1	2.44	1.02
11.4	455882	6C11.0-F	68.0	A1	2.44	1.02
12.4	455883	6C12.0-F	73.0	A1	2.44	1.02
13.4	455884	6C13.0-F	76.0	A2	2.50	1.08
14.4	455885	6C14.0-F	85.0	A2	2.44	1.02
16.4	455886	6C16.0-F	96.0	A3	2.44	1.02
18.4	455887	6C18.0-F	90.0	A3	2.63	1.20
20.4	455888	6C20.0-F	100.0	A3	1.94	0.52
24.4	455889	6C24.0-F	126.0	A3	1.94	0.52
27.4	456084	6C27.0-J	169.0	D3	0.56	0.04
30.4	455890	6C30.0-J	191.0	D3	1.56	0.04
36.4	455891	6C36.0-J	239.0	D3	1.56	0.04
44.4	455892	6C44.0-J	310.0	D3	1.56	0.04
50.4	455893	6C50.0-J	415.0	B3	1.94	0.34

10-Groove						F = 10.37
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
8.4	455913	10C8.0-E	76.0	A1	3.25	2.05
8.9	455914	10C8.5-E	80.0	A1	3.25	2.05
9.4	455915	10C9.0-J	84.0	A1	3.56	1.96
9.9	455916	10C9.5-J	91.0	A1	3.56	1.96
10.4	455917	10C10.0-J	99.0	A1	3.56	1.96
10.9	455918	10C10.5-J	106.0	A1	3.56	1.96
11.4	455919	10C11.0-J	115.0	A1	3.56	1.96
12.4	455920	10C12.0-J	114.0	A1	3.56	1.96
13.4	456061	10C13.0-J	119.0	A1	3.56	1.96
14.4	455921	10C14.0-J	128.0	A1	3.63	2.02
16.4	455922	10C16.0-J	147.0	A1	3.56	1.96
18.4	455923	10C18.0-J	156.0	A3	3.56	1.96
20.4	455924	10C20.0-J	171.0	A3	3.56	1.96
24.4	455925	10C24.0-M	257.0	A3	1.94	0.20
30.4	455926	10C30.0-M	321.0	A3	1.94	0.20
36.4	455927	10C36.0-M	393.0	A3	1.94	0.20
44.4	455928	10C44.0-M	500.0	A3	1.94	0.20
50.4	455929	10C50.0-M	589.0	A3	1.94	0.20

Δ Pitch Diameter = O.D.

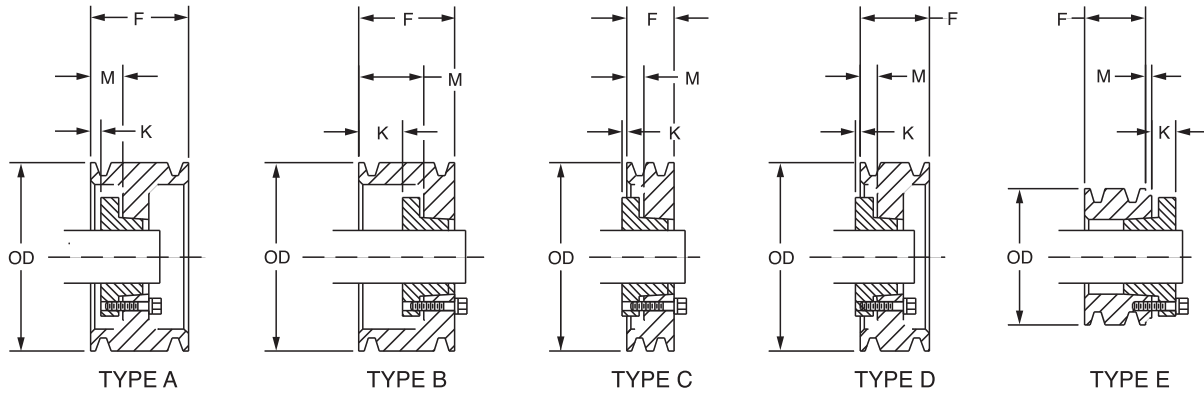
‡ Type 1 = Block Type, 2 = Web, 3 = Arm - See page PT7-2.

+ Recommended CX Belt only

SELECTION/DIMENSIONS



D QD SHEAVES - Heavy Duty



3-Groove F = 4.62						
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
12.6	455946	3D 12.0-F	83.0	A1	1.50	0.08
13.6	455947	3D 13.0-F	88.0	A1	1.50	0.08
14.1	455948	3D 13.5-F	88.0	A1	1.50	0.08
14.6	455949	3D 14.0-F	111.0	A1	1.50	0.08
15.1	455950	3D 14.5-F	111.0	A1	1.50	0.08
15.6	455951	3D 15.0-F	105.0	A2	1.50	0.08
16.1	455952	3D 15.5-F	105.0	A2	1.50	0.08
16.6	455953	3D 16.0-F	150.0	A2	1.50	0.08
18.6	455954	3D 18.0-J	146.0	D2	1.19	0.41
20.6	455955	3D 20.0-J	117.0	D2	1.19	0.41
22.6	455956	3D 22.0-J	128.0	D2	1.19	0.41
27.6	455957	3D 27.0-J	129.0	D3	1.19	0.41
33.6	455958	3D 33.0-J	200.0	D3	1.19	0.41

4-Groove F = 6.06						
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
12.6	455960	4D 12.0-F	85.0	A1	2.31	0.89
13.6	455961	4D 13.0-F	76.0	A1	2.31	0.89
14.1	455962	4D 13.5-F	107.0	A1	2.31	0.89
14.6	455983	4D 14.0-F	106.0	A2	2.31	0.89
15.1	455964	4D 14.5-F	106.0	A2	2.31	0.89
15.6	455965	4D 15.0-F	110.0	A2	2.31	0.89
16.1	455966	4D 15.5-F	110.0	A2	2.31	0.89
16.6	455967	4D 16.0-F	150.0	A2	2.31	0.89
18.6	455968	4D 18.0-J	146.0	D2	1.56	0.04
20.6	455969	4D 20.0-J	137.0	D2	1.56	0.04
22.6	455970	4D 22.0-J	151.0	D2	1.56	0.04
27.6	455971	4D 27.0-J	190.0	D3	1.56	0.04
33.6	455972	4D 33.0-M	288.0	C3	1.06	0.68
40.6	455973	4D 40.0-M	354.0	C3	1.06	0.68
48.6	455974	4D 48.0-M	439.0	C3	1.06	0.68

5-Groove F = 7.50						
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
12.6	455976	5D 12.0-F	98.0	A1	3.06	1.64
13.6	455977	5D 13.0-F	114.0	A1	3.06	1.64
14.1	455978	5D 13.5-F	134.0	A1	3.06	1.64
14.6	455979	5D 14.0-F	140.0	A1	3.06	1.64
15.1	455980	5D 14.5-F	140.0	A1	3.06	1.64
15.6	455981	5D 15.0-F	146.0	A2	3.06	1.64
16.1	455982	5D 15.5-F	146.0	A2	3.06	1.64
16.6	455983	5D 16.0-F	143.0	A2	3.06	1.64
18.6	455984	5D 18.0-J	164.0	D2	1.56	0.04
20.6	455985	5D 20.0-J	157.0	D2	0.69	0.91
22.6	455986	5D 22.0-J	174.0	D3	1.56	0.04
27.6	455987	5D 27.0-M	268.0	A3	1.94	0.20
33.6	455988	5D 33.0-M	329.0	A3	1.94	0.20
40.6	455989	5D 40.0-M	408.0	A3	1.94	0.20
48.6	455990	5D 48.0-M	510.0	A3	1.94	0.20

6-Groove F = 8.93						
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
12.6	455992	6D 12.0-J	126.0	A1	3.31	1.71
13.6	455993	6D 13.0-J	140.0	A1	3.31	1.71
14.1	455994	6D 13.5-J	140.0	A1	3.31	1.71
14.6	455995	6D 14.0-J	159.0	A1	3.31	1.71
15.1	455996	6D 14.5-J	162.0	A1	3.31	1.71
15.6	455997	6D 15.0-J	162.0	A2	3.31	1.71
16.1	455998	6D 15.5-J	162.0	A2	3.31	1.71
16.6	456000	6D 16.0-J	199.0	A1	3.88	2.27
18.6	456001	6D 18.0-J	223.0	A2	3.88	2.27
20.6	456002	6D 20.0-J	178.0	A2	3.88	2.27
22.6	456003	6D 22.0-M	246.0	A2	3.16	1.42
27.6	456004	6D 27.0-M	298.0	A3	1.94	0.20
33.6	456005	6D 33.0-M	369.0	A3	1.94	0.20
40.6	456006	6D 40.0-M	462.0	A3	1.94	0.20
48.6	456007	6D 48.0-M	581.0	A3	1.94	0.20
58.6	456008	6D 58.0-N	764.0	D3	1.34	0.71

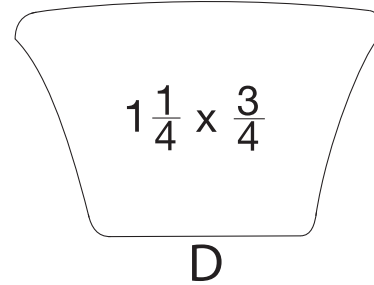
Δ Pitch Diameter = O.D.

‡ Type 1 = Block Type, 2 = Web, 3 = Arm - See page PT7-2.



SELECTION/DIMENSIONS

D QD SHEAVES - Heavy Duty



8-Groove			F = 11.81			
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
12.6	456009	8D 12.0-J	151.0	A1	3.56	1.96
13.6	456010	8D 13.0-J	168.0	A1	3.56	1.96
14.1	456011	8D 13.5-J	168.0	A1	3.56	1.96
14.6	456015	8D 14.0-J	181.0	A1	3.56	1.96
15.1	456016	8D 14.5-J	181.0	A1	3.56	1.96
15.6	456017	8D 15.0-J	216.0	A1	3.56	1.96
16.1	456018	8D 15.5-J	216.0	A1	3.56	1.96
16.6	456019	8D 16.0-J	237.0	A1	3.56	1.96
18.6	456020	8D 18.0-M	249.0	A2	4.19	2.45
20.6	456021	8D 20.0-M	299.0	A2	4.38	2.64
22.6	456022	8D 22.0-M	292.0	A2	2.34	0.60
27.6	456023	8D 27.0-M	360.0	A3	2.19	0.45
33.6	456024	8D 33.0-M	451.0	A3	1.94	0.20
40.6	456025	8D 40.0-N	588.0	A3	2.25	0.20
48.6	456026	8D 48.0-N	739.0	A3	2.25	0.20
58.6	456027	8D 58.0-N	950.0	D3	2.78	0.73

10-Groove			F = 14.68			
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
12.6	456028	10D 12.0-M	153.0	A1	3.94	2.20
13.6	456029	10D 13.0-M	180.0	A1	3.81	2.07
14.1	456030	10D 13.5-M	186.0	A1	3.94	2.20
14.6	456031	10D 14.0-M	221.0	A1	3.81	2.07
15.1	456032	10D 14.5-M	221.0	A1	3.81	2.07
15.6	456033	10D 15.0-M	247.0	A1	3.94	2.20
16.1	456034	10D 15.5-M	270.0	A1	3.94	2.20
16.6	456035	10D 16.0-M	267.0	A1	1.88	0.14
18.6	456036	10D 18.0-M	274.0	A1	3.88	2.14
20.6	456037	10D 20.0-M	341.0	A2	3.50	1.76
22.6	456038	10D 22.0-M	339.0	A2	2.94	1.20
27.6	456039	10D 27.0-M	422.0	A3	2.94	1.20
33.6	456040	10D 33.0-N	552.0	A3	3.25	1.20
40.6	456041	10D 40.0-N	696.0	A3	3.38	1.33
48.6	456042	10D 48.0-P	926.0	A3	2.63	0.32
58.6	456043	10D 58-P	1179.0	D3	3.72	1.42

Δ Pitch Diameter = O.D.

‡ Type 1 = Block Type, 2 = Web, 3 = Arm - See page PT7-2.

WARNING: The sheaves listed in this catalog must not be used with the high modulus belts unless approved by factory. Do not use with belt speeds exceeding 6500 fpm. May cause sheaves to fragment resulting in personal injury or property damage.

12-Groove			F = 17.56			
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
12.6	456044	12D12.0--M	180.0	A-1	7.31	4.94
12.6	456045	12D13.0--M	230.0	A-1	7.31	4.94
14.6	456047	12D14.0--M	256.0	A-1	7.31	4.94
15.1	456048	12D14.5-M	270.0	A-1	7.31	4.94
15.6	456049	12D15.0--M	285.0	A-1	7.31	4.94
16.1	456050	12D15.5--M	285.0	A-1	7.31	4.94
16.6	456051	12D16.0--M	300.0	A-2	7.31	4.94
18.6	456052	12D18.0-M	320.0	A-2	7.31	4.94
22.6	456054	12D22.0--M	376.0	A-3	8.31	3.94
27.6	456055	12D27.0--N	500.0	A-3	6.94	4.25
33.6	456056	12D33.0--N	662.0	A-3	6.94	4.25
40.6	456057	12D40.0-P	850.0	A-3	7.56	2.63
48.6	456059	12D48.0-P	1100.0	A-3	7.56	2.63
58.6	456060	12D58.0-P	1158.0	A-3	7.56	2.63

Pitch Diameter = O.D.

‡ Type 1 = Block Type, 2 = Web, 3 = Arm - See page PT7-2

SELECTION/DIMENSIONS



3V QD SHEAVES - Standard Duty

1-Groove		F= .69 up to and including 10.60 O.D. Balance .81				
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
# 2.20	D1-3V22	1/3V2.2-JA	0.8	E1	0.00	1.02
# 2.35	D1-3V235	1/3V2.35-JA	0.85	E1	0.00	1.02
# 2.50	D1-3V25	1/3V2.5-JA	0.92	E1	0.00	1.02
2.65	D1-3V265	1/3V2.65-JA	0.5	D1	0.06	0.45
2.80	D1-3V28	1/3V2.8-JA	0.7	D1	0.06	0.45
3.00	D1-3V30	1/3V3.0-JA	0.7	D1	0.06	0.45
3.15	D1-3V315	1/3V3.15-JA	0.7	D1	0.06	0.45
3.35	D1-3V335	1/3V3.35-JA	1.1	D1	0.06	0.45
3.65	D1-3V365	1/3V3.65-SH	1.3	E1	0.00	0.63
4.12	D1-3V412	1/3V4.12-SH	1.8	E1	0.00	0.63
4.50	D1-3V45	1/3V4.5-SH	2.2	E1	0.00	0.63
4.75	D1-3V475	1/3V4.75-SH	2.2	E1	0.00	0.63
5.00	D1-3V50	1/3V5.0-SH	2.9	E1	0.00	0.63
5.30	D1-3V53	1/3V5.3-SH	3.3	E1	0.00	0.63
5.60	D1-3V56	1/3V5.6-SH	3.7	E1	0.00	0.63
6.00	D1-3V60	1/3V6.0-SH	3.9	E2	0.00	0.63
6.50	D1-3V65	1/3V6.5-SH	4.9	E2	0.00	0.63
6.90	D1-3V69	1/3V6.9-SH	5.5	E2	0.00	0.63
8.00	D1-3V80	1/3V8.0-SDS	5.1	E3	0.00	0.69
10.60	D1-3V106	1/3V10.6-SDS	8.6	E3	0.00	0.69
14.00	D1-3V140	1/3V14.0-SK	15.3	C3	0.00	0.81
19.00	D1-3V190	1/3V19.0-SK	18.3	C3	0.00	0.91

2-Groove		F = 1.09				
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
# 2.20	D2-3V22	2/3V2.2-JA	0.9	E1	0.00	1.02
# 2.35	D2-3V235	2/3V2.35-JA	1.0	E1	0.00	1.02
# 2.50	D2-3V25	2/3V2.5-JA	1.1	E1	0.00	1.02
## 2.65	D2-3V265	2/3V2.65-JA	0.8	D1	0.13	0.39
## 2.80	D2-3V28	2/3V2.8-JA	1.0	D1	0.13	0.39
## 3.00	D2-3V30	2/3V3.0-JA	1.2	D1	0.13	0.39
## 3.15	D2-3V315	2/3V3.15-JA	1.4	D1	0.13	0.39
## 3.35	D2-3V335	2/3V3.35-SH	1.2	D1	0.13	0.50
## 3.65	D2-3V365	2/3V3.65-SH	1.6	D1	0.13	0.50
4.12	D2-3V412	2/3V4.12-SH	2.2	D1	0.34	0.28
4.50	D2-3V45	2/3V4.5-SH	2.7	D1	0.34	0.28
4.75	D2-3V475	2/3V4.75-SH	3.2	D1	0.34	0.28
5.00	D2-3V50	2/3V5.0-SH	3.7	D1	0.34	0.28
5.30	D2-3V53	2/3V5.3-SH	4.2	D1	0.34	0.28
5.60	D2-3V56	2/3V5.6-SH	4.6	D1	0.34	0.28
6.00	D2-3V60	2/3V6.0-SH	5.0	D2	0.34	0.28
6.50	D2-3V65	2/3V6.5-SDS	5.8	D2	0.31	0.38
6.90	D2-3V69	2/3V6.9-SDS	6.4	D2	0.31	0.38
8.00	D2-3V80	2/3V8.0-SDS	6.6	D3	0.31	0.38
10.60	D2-3V106	2/3V10.6-SK	11.7	C3	0.19	0.63
14.00	D2-3V140	2/3V14.0-SK	17.9	C3	0.19	0.63
19.00	D2-3V190	2/3V19.0-SK	26.6	E3	0.00	0.81
25.00	D2-3V250	2/3V25.0-SF	33.4	C3	0.00	0.81

3-Groove		F = 1.50				
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
## 2.65	D3-3V265	3/3V2.65-JA	1.1	D1	0.13	0.39
## 2.80	D3-3V28	3-3V2.8-JA	1.3	D1	0.13	0.39
* 3.00	D3-3V30	3/3V3.0-SH	1.6	E1	0.00	1.03
* 3.15	D3-3V315	3/3V3.15-SH	2.0	E1	0.00	1.00
## 3.35	D3-3V335	3/3V3.35-SH	1.8	D1	0.06	0.56
## 3.65	D3-3V365	3/3V3.65-SH	2.4	D1	0.06	0.56
4.12	D3-3V412	3/3V4.12-SH	2.7	D1	0.63	0.00
4.50	D3-3V450	3/3V4.50-SDS	3.0	D1	0.69	0.00
4.75	D3-3V475	3/3V4.75-SDS	3.7	D1	0.69	0.00
5.00	D3-3V50	3/3V5.0-SDS	4.2	D1	0.69	0.00
5.30	D3-3V53	3/3V5.3-SDS	4.7	D1	0.69	0.00
5.60	D3-3V56	3/3V5.6-SDS	5.2	D1	0.69	0.00
6.00	D3-3V60	3/3V6.0-SDS	6.2	D1	0.69	0.00
6.50	D3-3V65	3/3V6.5-SDS	6.7	D2	0.69	0.00
6.90	D3-3V69	3/3V6.9-SDS	7.5	D2	0.69	0.00
8.00	D3-3V80	3/3V8.0-SK	9.8	D3	0.19	0.63
10.60	D3-3V106	3/3V10.6-SK	14.0	D3	0.19	0.63
14.00	D3-3V140	3/3V14.0-SK	19.4	D3	0.19	0.63
19.00	D3-3V190	3/3V19.0-SF	32.1	E3	0.00	0.81
25.00	D3-3V250	3/3V25.0-SF	38.5	E3	0.00	0.81
33.50	D3-3V335	3/3V33.5-SF	79.3	D3	0.10	0.72

4-Groove		F = 1.90				
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
## 2.65	D4-3V2.65	4/3V2.65-JA	1.4	D1	0.13	0.39
## 2.80	D4-3V28	4/3V2.8-JA	1.6	D1	0.13	0.39
# 3.00	D4-3V30	4/3V3.0-SH	2.3	E1	0.00	1.03
# 3.15	D4-3V315	4/3V3.15-SH	2.7	E1	0.00	1.00
## 3.35	D4-3V335	4/3V3.35-SH	2.3	D1	0.13	0.50
## 3.65	D4-3V365	4/3V3.65-SH	3.1	D1	0.13	0.50
4.12	D4-3V412	4/3V4.12-SH	3.2	A1	0.81	0.19
4.50	D4-3V45	4/3V4.5-SDS	3.4	A1	0.88	0.19
4.75	D4-3V475	4/3V4.75-SDS	4.4	A1	0.81	0.13
5.00	D4-3V50	4/3V5.0-SDS	5.0	A1	0.81	0.13
5.30	D4-3V53	4/3V5.3-SDS	6.0	A1	0.75	0.13
5.60	D4-3V56	4/3V5.6-SDS	6.2	A1	0.81	0.13
6.00	D4-3V60	4/3V6.0-SK	7.8	D1	0.56	0.25
6.50	D4-3V65	4/3V6.5-SK	9.5	D1	0.56	0.25
6.90	D4-3V69	4/3V6.9-SK	11.1	D1	0.56	0.25
8.00	D4-3V80	4/3V8.0-SK	11.2	D3	0.56	0.25
10.60	D4-3V106	4/3V10.6-SK	16.0	D3	0.56	0.25
14.00	D4-3V140	4/3V14.0-SK	25.0	D3	0.56	0.25
19.00	D4-3V190	4/3V19.0-SF	39.8	C3	0.75	0.06
25.00	D4-3V250	4/3V25.0-SF	51.1	D3	0.38	0.44
33.50	D4-3V335	4/3V33.5-E	94.1	D3	0.28	0.78

* For 3-3V3.00; F=1.912", For 3-3V3.15; F=1 7/8

P.D. for "3V" Belts = O.D.

‡ Type 1 = Block Type, 2 = Web, 3 = Arm – See page PT7-2

Reverse Mount Only

This sheave can only be reverse mounted with standard bushing bolts. Special bolts required for conventional mounting.



SELECTION/DIMENSIONS

5V QD SHEAVES - Standard Duty

5-Groove						F = 2.31
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
4.75	D5-3V475	5/3V4.75-SDS	4.7	A1	0.81	0.13
5.00	D5-3V50	5/3V5.0-SDS	6	A1	0.81	0.13
5.30	D5-3V53	5/3V5.3-SK	6.2	A1	0.88	0.06
5.60	D5-3V56	5/3V5.6-SK	7.4	A1	0.84	0.03
6.00	D5-3V60	5/3V6.0-SK	8.8	A1	0.88	0.06
6.50	D5-3V65	5/3V6.5-SK	9.9	A1	0.88	0.06
6.90	D5-3V69	5/3V6.9-SK	11.5	A1	0.84	0.03
8.00	D5-3V80	5/3V8.0-SK	14.5	A2	0.88	0.06
10.60	D5-3V106	5/3V10.6-SK	19.3	A3	0.97	0.16
14.00	D5-3V140	5/3V14.0-SF	26.5	D3	0.72	0.09
19.00	D5-3V190	5/3V19.0-SF	33.9	A3	0.91	0.09
25.00	D5-3V250	5/3V25.0-E	60.7	D3	0.63	0.44
33.50	D5-3V335	5/3V33.5-E	107	D3	0.69	0.38

8-Groove						F = 3.53
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
# 4.75	D8-3V475	8/3V4.75-SK	7.2	E1	0.00	0.81
# 5.00	D8-3V50	8/3V5.0-SK	8.9	E1	0.00	0.81
5.30	D8-3V53	8/3V5.3-SK	8.3	A1	1.25	0.44
5.60	D8-3V56	8/3V5.6-SK	9.5	A1	1.25	0.44
6.00	D8-3V60	8/3V6.0-SK	11.7	A1	1.25	0.44
6.50	D8-3V65	8/3V6.5-SK	13.6	A1	1.25	0.44
6.90	D8-3V69	8/3V6.9-SK	15.4	A1	1.25	0.44
8.00	D8-3V80	8/3V8.0-SF	19.2	A2	1.13	0.31
10.60	D8-3V106	8/3V10.6-SF	22.5	A3	0.97	0.16
14.00	D8-3V140	8/3V14.0-E	42.9	D3	0.94	0.13
19.00	D8-3V190	8/3V19.0-E	66.6	D3	0.94	0.13
25.00	D8-3V250	8/3V25.0-E	92.2	D3	0.88	0.19
33.50	D8-3V335	8/3V33.5-F	153	D3	0.75	0.47

6-Groove						F = 2.72
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
# 4.75	D6-3V475	6/3V4.75-SK	5.8	E1	0.00	0.81
# 5.00	D6-3V50	6/3V5.0-SK	7.1	E1	0.00	0.81
5.30	D6-3V53	6/3V5.3-SK	6.8	A1	1.28	0.47
5.60	D6-3V56	6/3V5.6-SK	8.2	A1	1.25	0.44
6.00	D6-3V60	6/3V6.0-SK	9.7	A1	1.25	0.44
6.50	D6-3V65	6/3V6.5-SK	10.8	A1	0.88	0.06
6.90	D6-3V69	6/3V6.9-SK	12.2	A1	1.25	0.44
8.00	D6-3V80	6/3V8.0-SK	16	A2	0.88	0.06
10.60	D6-3V106	6/3V10.6-SF	18.7	A3	0.97	0.16
14.00	D6-3V140	6-3V14.0-SF	30.5	A3	0.90	0.09
19.00	D6-3V190	6/3V19.0-E	47.6	D3	1.03	0.03
25.00	D6-3V250	6/3V25.0-E	66.9	D3	1.03	0.03
33.50	D6-3V335	6/3V33.5-E	121.6	A3	1.09	0.03

10-Groove						F = 4.34
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
# 4.75	D10-3V475	10/3V4.75-SK	8.6	E1	0.00	0.81
# 5.00	D10-3V50	10/3V5.0-SK	10.7	E1	0.00	0.81
5.30	D10-3V53	10/3V5.3-SK	9.6	A1	1.38	0.56
5.60	D10-3V56	10-3V5.6-SK	11.9	A1	1.38	0.56
6.00	D10-3V60	10/3V6.0-SK	13.45	A1	1.38	0.56
6.50	D10-3V65	10/3V6.5-SK	14.1	A1	1.38	0.56
6.90	D10-3V69	10/3V6.9-SK	17.5	A1	1.38	0.56
8.00	D10-3V80	10/3V8.0-SF	21.55	A2	1.50	0.69
10.60	D10-3V106	10/3V10.6-E	31.6	D2	1.06	0.00
14.00	D10-3V140	10/3V14.0-E	41.6	D3	1.06	0.00
19.00	D10-3V190	10/3V19.0-E	74	D3	1.06	0.00
25.00	D10-3V250	10/3V25.0--F	105	D3	1.16	0.06
33.50	D10-3V335	10/3V33.5-F	180	D3	1.16	0.06

Reverse Mount Only

P.D. for "3V" Belts = O.D.

‡ Type 1 = Block Type, 2 = Web, 3 = Arm – See page PT7-2

SELECTION/DIMENSIONS



5V QD SHEAVES - Standard Duty

2-Groove						F = 1.69
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
# + 4.40	D2-5V44	2/5V4.4-SH	3.4	D1	0.16	0.47
## + 4.65	D2-5V465	2/5V4.65-SDS	3.6	E1	0.00	0.69
+ 4.90	D2-5V49	2/5V4.9-SDS	3.9	D1	0.69	0.22
+ 5.20	D2-5V52	2/5V5.2-SDS	4.8	D1	0.47	0.22
+ 5.50	D2-5V55	2/5V5.5-SDS	5.5	D1	0.47	0.22
+ 5.90	D2-5V59	2/5V5.9-SDS	6.5	D1	0.47	0.22
+ 6.30	D2-5V63	2/5V6.3-SK	9.6	D1	0.38	0.44
+ 6.70	D2-5V67	2/5V6.7-SK	9.3	D1	0.38	0.44
7.10	D2-5V71	2/5V7.1-SK	10.6	D1	0.44	0.38
7.50	D2-5V75	2/5V7.5-SK	12.1	D1	0.44	0.38
8.00	D2-5V80	2/5V8.0-SK	14.3	D1	0.44	0.38
8.50	D2-5V85	2/5V8.5-SK	16.2	D1	0.44	0.38
9.00	D2-5V90	2/5V9.0-SK	18.5	D1	0.44	0.38
9.25	D2-5V925	2/5V9.25-SK	17	D2	0.44	0.38
9.75	D2-5V975	2/5V9.75-SK	18.2	D2	0.44	0.38
10.30	D2-5V103	2/5V10.3-SK	18	D2	0.44	0.38
10.90	D2-5V109	2/5V10.9-SK	20.8	D2	0.44	0.38
11.30	D2-5V113	2/5V11.3-SK	16.9	D3	0.44	0.38
11.80	D2-5V118	2/5V11.8-SK	18.6	D3	0.44	0.38
12.50	D2-5V125	2/5V12.5-SF	20.8	D3	0.44	0.38
13.20	D2-5V132	2/5V13.2-SF	22	D3	0.44	0.38
14.00	D2-5V140	2/5V14.0-SF	24.8	D3	0.44	0.38
15.00	D2-5V150	2/5V15.0-SF	26.6	D3	0.44	0.38
16.00	D2-5V160	2/5V16.0-SF	34.9	D3	0.44	0.38
18.70	D2-5V187	2/5V18.7-SF	43.8	D3	0.44	0.38
21.20	D2-5V212	2/5V21.2--SF	43.8	D3	0.44	0.38
23.60	D2-5V236	2/5V23.6--E	61.7	C3	0.75	0.31
28.00	D2-5V280	2/5V28.0-E	73	C3	0.75	0.31
31.50	---	---	---	---	---	---
37.50	---	---	---	---	---	---
50.00	---	---	---	---	---	---

3-Groove						F = 2.38
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
# + 4.40	D3-5V44	3/5V4.4-SDS	4.3	E1	0.00	0.69
# + 4.65	D3-5V465	3/5V4.65-SDS	5.2	E1	0.00	0.69
+ 4.90	D3-5V49	3/5V4.9-SDS	4.9	A1	1.06	0.38
+ 5.20	D3-5V52	3/5V5.2-SDS	6.1	A1	1.06	0.38
+ 5.50	D3-5V55	3/5V5.5-SDS	6.4	A1	1.00	0.31
+ 5.90	D3-5V59	3/5V5.9-SDS	8.2	A1	1.00	0.31
+ 6.30	D3-5V63	3/5V6.3-SK	9	A1	1.25	0.25
+ 6.70	D3-5V67	3/5V6.7-SK	12.7	A1	1.06	0.25
7.10	D3-5V71	3/5V7.1-SF	12.3	D1	0.75	0.06
7.50	D3-5V75	3/5V7.5-SF	13.8	D1	0.75	0.06
8.00	D3-5V80	3/5V8.0-SF	16.2	D1	0.75	0.06
8.50	D3-5V85	3/5V8.5-SF	18.3	D1	0.75	0.06
9.00	D3-5V90	3/5V9.0-SF	20.6	D1	0.75	0.06
9.25	D3-5V925	3/5V9.25-SF	20.2	D2	0.75	0.06
9.75	D3-5V975	3/5V9.75-SF	20.8	D2	0.75	0.06
10.30	D3-5V103	3/5V10.3-SF	20.5	D2	1.00	0.06
10.90	D3-5V109	3/5V10.9-SF	23.4	D2	0.75	0.06
11.30	D3-5V113	3/5V11.3-SF	22.7	D3	0.75	0.06
11.80	D3-5V118	3/5V11.8-SF	24.4	D3	0.75	0.06
12.50	D3-5V125	3/5V12.5-E	31.1	D3	0.38	0.69
13.20	D3-5V132	3/5V13.2-E	32.2	D3	0.38	0.69
14.00	D3-5V140	3/5V14.0-E	35.5	D3	0.75	0.69
15.00	D3-5V150	3/5V15.0-E	38.3	D3	0.38	0.69
16.00	D3-5V160	3/5V16.0-E	40.1	D3	0.38	0.69
18.70	D3-5V187	3/5V18.7-E	46.6	D3	0.75	0.31
21.20	D3-5V212	3/5V21.2-E	57.2	D3	0.38	0.69
23.60	D3-5V236	3/5V23.6-E	73	D3	0.72	0.34
28.00	D3-5V280	3/5V28.0-E	97	D3	0.75	0.31
31.50	D3-5V315	3/5V31.5--F	128	C3	0.25	0.97
37.50	D3-5V375	3/5V37.5--F	158	C3	0.25	0.97
50.00	D3-5V500	3/5V50.0-F	218	C3	0.25	0.97

+ 5VX Belts only on these sizes.

Reverse Mount Only

This sheave can only be reverse mounted with standard bushing bolts. Special bolts required for conventional mounting.

P.D. for "5V" Belts = O.D.

‡ Type 1 = Block Type, 2 = Web, 3 = Arm – See page PT7-2.



SELECTION/DIMENSIONS

5V QD SHEAVES - Standard Duty

4-Groove							5-Groove						
F = 3.06							F = 3.75						
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K	O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
# + 4.40	D4-5V44	4/5V4.4-SD	5.4	E1	0.00	0.69	# + 4.40	D5-5V44	5/5V4.4-SD	6.3	E1	0.00	0.69
# + 4.65	D4-5V465	4/5V4.65-SD	6.1	E1	0.00	0.69	# + 4.65	D5-5V465	5/5V4.65-SD	7	E1	0.00	0.69
+ 4.90	D4-5V49	4/5V4.9-SD	6.5	A1	1.31	0.63	+ 4.90	D5-5V49	5/5V4.9-SD	7.9	A1	1.31	0.63
+ 5.20	D4-5V52	4/5V5.2-SD	8.2	A1	1.31	0.63	+ 5.20	D5-5V52	5/5V5.2-SD	9.7	A1	1.31	0.63
+ 5.50	D4-5V55	4/5V5.5-SD	9.4	A1	1.31	0.63	+ 5.50	D5-5V55	5/5V5.5-SD	10.9	A1	1.31	0.63
+ 5.90	D4-5V59	4/5V5.9-SD	10	A1	1.31	0.63	+ 5.90	D5-5V59	5/5V5.9-SK	11.2	A1	1.31	0.50
+ 6.30	D4-5V63	4/5V6.3-SK	11.7	A1	1.31	0.50	+ 6.30	D5-5V63	5/5V6.3-SK	12.2	A1	1.31	0.50
+ 6.70	D4-5V67	4/5V6.7-SK	13.4	A1	1.31	0.50	+ 6.70	D5-5V67	5/5V6.7-SF	13.2	A1	1.31	0.50
7.10	D4-5V71	4/5V7.1-SF	14.5	D1	0.81	0.00	7.10	D5-5V71	5/5V7.1-SF	16.7	A1	1.13	0.31
7.50	D4-5V75	4/5V7.5-SF	16.3	D1	0.81	0.00	7.50	D5-5V75	5/5V7.5-SF	18.5	A1	1.13	0.31
8.00	D4-5V80	4/5V8.0-E	17.9	D1	1.06	0.00	8.00	D5-5V80	5/5V8.0-E	20	A1	1.38	0.31
8.50	D4-5V85	4/5V8.5-E	21.7	D1	1.06	0.00	8.50	D5-5V85	5/5V8.5-E	24.4	A1	1.38	0.31
9.00	D4-5V90	4/5V9.0-E	24.4	D1	1.06	0.00	9.00	D5-5V90	5/5V9.0-E	27.4	A1	1.38	0.31
9.25	D4-5V925	4/5V9.25-E	26.2	D1	1.06	0.00	9.25	D5-5V925	5/5V9.25-E	29.2	A1	1.38	0.31
9.75	D4-5V975	4/5V9.75-E	29.4	A1	1.44	0.38	9.75	D5-5V975	5/5V9.75-E	32.8	A1	1.38	0.31
10.30	D4-5V103	4/5V10.3-E	28.6	D2	1.06	0.00	10.30	D5-5V103	5/5V10.3-E	31.1	A2	1.38	0.31
10.90	D4-5V109	4/5V10.9-E	30.3	D2	1.06	0.00	10.90	D5-5V109	5/5V10.9-E	33	A2	1.38	0.31
11.30	D4-5V113	4/5V11.3-E	30.9	A2	1.44	0.38	11.30	D5-5V113	5/5V11.3-E	35	A2	1.38	0.31
11.80	D4-5V118	4/5V11.8-E	32.5	D2	1.06	0.00	11.80	D5-5V118	5/5V11.8-E	37.3	A2	1.38	0.31
12.50	D4-5V125	4/5V12.5-E	35	A3	1.44	0.38	12.50	D5-5V125	5/5V12.5-E	38.9	A2	1.38	0.31
13.20	D4-5V132	4/5V13.2-E	37.4	D3	1.06	0.00	13.20	D5-5V132	5/5V13.2-E	41.8	A2	1.38	0.31
14.00	D4-5V140	4/5V14.0-E	41.1	D3	1.06	0.00	14.00	D5-5V140	5/5V14.0-E	45.3	A3	1.38	0.31
15.00	D4-5V150	4/5V15.0-E	43.7	D3	1.06	0.00	15.00	D5-5V150	5/5V15.0-E	49.1	A3	1.38	0.31
16.00	D4-5V160	4/5V16.0-E	46.9	D3	1.06	0.00	16.00	D5-5V160	5/5V16.0-E	51.9	A3	1.38	0.31
18.70	D4-5V187	4/5V18.7-E	58.5	A3	1.25	0.19	18.70	D5-5V187	5/5V18.7-F	86	D3	0.94	0.28
21.20	D4-5V212	4/5V21.2-E	77	A3	1.25	0.19	21.20	D5-5V212	5/5V21.2-F	84.7	D3	1.00	0.22
23.60	D4-5V236	4/5V23.6-F	98	D3	0.56	0.66	23.60	D5-5V236	5/5V23.6-F	111	D3	1.00	0.22
28.00	D4-5V280	4/5V28.0--F	118	D3	0.56	0.66	28.00	D5-5V280	5/5V28.0-F	128	D3	1.00	0.22
31.50	D4-5V315	4/5V31.5-F	141	C3	0.88	0.34	31.50	D5-5V315	5/5V31.5--J	174	D3	0.27	0.30
37.50	D4-5V375	4/5V37.5-F	178	D3	0.56	0.66	37.50	D5-5V375	5/5V37.5-J	199	D3	0.53	0.88
50.00	D4-5V500	4/5V50.0-J	269	C3	0.69	0.94	50.00	D5-5V500	5/5V50.0-J	319	D3	0.53	0.88

+ 5VX Belts only on these sizes.

Reverse Mount Only

This sheave can only be reverse mounted with standard bushing bolts. Special bolts required for conventional mounting.

P.D. for "5V" Belts = O.D.

‡ Type 1 = Block Type, 2 = Web, 3 = Arm – See page PT7-2.

SELECTION/DIMENSIONS



5V QD SHEAVES - Standard Duty

8-Groove						F = 5.81
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
7.10	D8-5V71	8/5V7.1-SF	23	A1	1.88	1.06
7.50	D8-5V75	8/5V7.5-SF	25.4	A1	1.88	1.06
8.00	D8-5V80	8/5V8.0-E	26	A1	2.13	1.06
8.50	D8-5V85	8/5V8.5-E	33	A1	2.13	1.06
9.00	D8-5V90	8/5V9.0-E	36	A1	2.13	1.06
9.25	D8-5V925	8/5V9.25-F	42	A1	2.25	1.03
9.75	D8-5V975	8/5V9.75-F	47	A1	2.25	1.03
10.30	D8-5V103	8/5V10.3-F	54	A1	2.25	1.03
10.90	D8-5V109	8/5V10.9-F	61	A1	2.25	1.03
11.30	D8-5V113	8/5V11.3-F	57	A2	2.25	1.03
11.80	D8-5V118	8/5V11.8-F	59	A2	2.25	1.03
12.50	D8-5V125	8/5V12.5-F	63	A2	2.25	1.03
13.20	D8-5V132	8/5V13.2-F	67	A2	2.25	1.03
14.00	D8-5V140	8/5V14.0-F	77	A2	2.25	1.03
15.00	D8-5V150	8/5V15.0-F	79	A3	2.25	1.03
16.00	D8-5V160	8/5V16.0-F	85	A3	2.25	1.03
18.70	D8-5V187	8/5V18.7-J	112	A3	1.56	0.16
21.20	D8-5V212	8/5V21.2-J	119	D3	1.19	0.22
23.60	D8-5V236	8/5V23.6--J	154	A3	1.56	0.16
28.00	D8-5V280	8/5V28.0-J	179	D3	1.19	0.22
31.50	D8-5V315	8/5V31.5-M**	295	B3	1.88	0.22
37.50	D8-5V375	8/5V37.5-M**	326	C3	1.38	0.28
50.00	D8-5V500	8/5V50.0-M**	466	C3	1.44	0.22

6-Groove						F = 4.44
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
# ++4.40	D6-5V44	6/5V4.4-SD	8.4	E1	0.00	0.69
# ++4.65	D6-5V465	6/5V4.65-SD	9.3	E1	0.00	0.69
++4.90	D6-5V49	6/5V4.9-SD	8.9	A1	1.31	0.63
++5.20	D6-5V52	6/5V5.2-SD	10.9	A1	1.31	0.63
++5.50	D6-5V55	6/5V5.5-SD	13.4	A1	1.31	0.63
++5.90	D6-5V59	6/5V5.9-SK	12.8	A1	1.31	0.50
++6.30	D6-5V63	6/5V6.3-SK	15.3	A1	1.31	0.50
++6.70	D6-5V67	6/5V6.7-SF	16.1	A1	1.63	0.81
7.10	D6-5V71	6/5V7.1-SF	18.8	A1	1.38	0.56
7.50	D6-5V75	6/5V7.5-SF	20.8	A1	1.38	0.56
8.00	D6-5V80	6/5V8.0-E	22.3	A1	1.63	0.56
8.50	D6-5V85	6/5V8.5-E	27.1	A1	1.63	0.56
9.00	D6-5V90	6/5V9.0-E	30.5	A1	1.63	0.56
9.25	D6-5V925	6/5V9.25-E	32.2	A1	1.63	0.56
9.75	D6-5V975	6/5V9.75-E	36.2	A1	1.63	0.56
10.30	D6-5V103	6/5V10.3-E	34.4	A2	1.63	0.56
10.90	D6-5V109	6/5V10.9-E	36.4	A2	1.63	0.56
11.30	D6-5V113	6/5V11.3-E	39.3	A2	1.63	0.56
11.80	D6-5V118	6/5V11.8-E	40.2	A2	1.63	0.56
12.50	D6-5V125	6/5V12.5-F	54.2	A2	1.75	0.53
13.20	D6-5V132	6/5V13.2-F	58	A2	1.75	0.53
14.00	D6-5V140	6/5V14.0-F	59.9	A2	1.75	0.53
15.00	D6-5V150	6/5V15.0-F	60	A3	1.75	0.53
16.00	D6-5V160	6/5V16.0-F	64.7	A3	1.75	0.53
18.70	D6-5V187	6/5V18.7--F	80.5	A3	1.31	0.09
21.20	D6-5V212	6/5V21.2-F	96.3	D3	1.00	0.22
23.60	D6-5V236	6/5V23.6--J	133	D3	0.94	0.47
28.00	D6-5V280	6/5V28.0-J	179	D3	0.94	0.47
31.50	D6-5V315	6/5V31.5--J	198	D3	0.94	0.47
37.50	D6-5V375	6/5V37.5-J	239	D3	0.94	0.47
50.00	D6-5V500	6/5V50.0-M**	386	C3	0.25	1.41

+ 5VX Belts only on these sizes.

Reverse Mount Only

10-Groove						F = 7.19
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
8.00	D10-5V80	10/5V8.0-E	32	A1	2.88	1.81
8.50	D10-5V85	10/5V8.5-E	38	A1	2.88	1.81
9.00	D10-5V90	10/5V9.0-F	46	A1	2.94	1.72
9.25	D10-5V925	10/5V9.25-F	48	A1	2.94	1.72
9.75	D10-5V975	10/5V9.75-F	54	A1	2.94	1.72
10.30	D10-5V103	10/5V10.3-F	61	A1	2.94	1.72
10.90	D10-5V109	10/5V10.9-F	69	A1	2.94	1.72
11.30	D10-5V113	10/5V11.3-F	73	A1	2.94	1.72
11.80	D10-5V118	10/5V11.8-F	77	A2	2.94	1.72
12.50	D10-5V125	10/5V12.5-J	93	A2	3.19	1.78
13.20	D10-5V132	10/5V13.2-J	100	A2	3.19	1.78
14.00	D10-5V140	10/5V14.0-J	90	A2	3.56	2.16
15.00	D10-5V150	10/5V15.0-J	98	A2	3.56	2.16
16.00	D10-5V160	10/5V16.0-J	99	A3	3.56	2.16
18.70	D10-5V187	10/5V18.7-J	123	A3	3.56	2.16
21.20	D10-5V212	10/5V21.2-J	139	A3	2.56	1.16
23.60	D10-5V236	10/5V23.6-M**	245	A3	1.88	0.22
28.00	D10-5V280	10/5V28.0-M**	256	A3	1.88	0.22
31.50	D10-5V315	10/5V31.5-M**	329	A3	1.88	0.22
37.50	D10-5V375	10/5V37.5-M**	356	A3	1.88	0.22
50.00	D10-5V500	10/5V50.0-M**	556	A3	1.94	0.28

P.D. for "5V" Belts = O.D.

** M-N-P-W are standard mounting only for these parts

‡ Type 1 = Block Type, 2 = Web, 3 = Arm – See page PT7-2



SELECTION/DIMENSIONS

8V QD SHEAVES - Standard Duty

4-Groove F = 4.88						
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
12.5	D4-8V125	4/8V12.5--F	56	D2	1.19	0.03
13.2	D4-8V132	4/8V13.2--F	63	D2	1.19	0.03
14.0	D4-8V140	4/8V14.0--F	65	D2	1.19	0.03
15.0	D4-8V150	4/8V15.0--F	72	D2	1.69	0.03
16.0	D4-8V160	4-8V16.0-F	80	D3	1.19	0.03
17.0	D4-8V170	4/8V17.0--F	93	A3	1.25	0.03
18.0	D4-8V180	4/8V18.0-F	105	A3	1.25	0.03
19.0	D4-8V190	4/8V19.0--F	113	D3	1.19	0.03
20.0	D4-8V200	4/8V20.0--J	125	A3	1.50	0.09
21.2	D4-8V212	4/8V21.2--J	131	A3	1.50	0.09
22.4	D4-8V224	4/8V22.4--J	150	A3	1.50	0.09
24.8	D4-8V248	4/8V24.8--M**	247	C3	0.81	0.84
30.0	D4-8V300	4/8V30.0--M**	230	C3	0.81	0.84
35.5	D4-8V355	4/8V35.5--M**	329	C3	0.81	0.84
40.0	D4-8V400	4/8V40.0--M**	325	C3	0.81	0.84
44.5	D4-8V445	4/8V44.5--M**	434	C3	0.81	0.84
53.0	D4-8V530	4/8V53.0--M**	425	C3	0.81	0.84

5-Groove F = 6.00						
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
12.5	D5-8V125	5/8V12.5-F	64	A2	2.28	1.06
13.2	D5-8V132	5/8V13.2-F	75	A2	2.28	1.06
14.0	D5-8V140	5/8V14.0-F	77	A2	2.28	1.06
15.0	D5-8V150	5/8V15.0-F	87	A2	2.31	1.09
16.0	D5-8V160	5/8V16.0-F	93	A3	2.31	1.09
17.0	D5-8V170	5/8V17.0-J	105	A3	2.00	0.59
18.0	D5-8V180	5/8V18.0--J	117	A3	2.00	0.59
19.0	D5-8V190	5/8V19.0-J	126	A3	2.00	0.59
20.0	D5-8V200	5/8V20.0-J	135	A3	2.00	0.59
21.2	D5-8V212	5/8V21.2-J	160	A3	2.00	0.59
22.4	D5-8V224	5/8V22.4--M**	188	B3	1.94	0.28
24.8	D5-8V248	5/8V24.8--M**	266	B3	1.97	0.31
30.0	D5-8V300	5/8V30.0--M**	255	B3	1.97	0.31
35.5	D5-8V355	5/8V35.5--M**	391	B3	1.97	0.31
40.0	D5-8V400	5/8V40.0--M**	355	B3	1.97	0.31
44.5	D5-8V445	5/8V44.5--N**	538	C3	0.75	1.31
53.0	D5-8V530	5/8V53.0--N**	500	C3	0.75	1.31

6-Groove F = 7.13						
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
12.5	D6-8V125	6/8V12.5-F	79	A1	3.31	2.09
13.2	D6-8V132	6/8V13.2-F	86	A2	2.28	1.06
14.0	D6-8V140	6/8V14.0-F	92	A2	2.28	1.06
15.0	D6-8V150	6/8V15.0--J	99	A2	2.56	1.16
16.0	D6-8V160	6/8V16.0-J	119	A2	2.56	1.16
17.0	D6-8V170	6/8V17.0-J	125	A3	2.56	1.16
18.0	D6-8V180	6/8V18.0-J	131	A3	2.56	1.16
19.0	D6-8V190	6/8V19.0-J	146	A3	2.56	1.16
20.0	D6-8V200	6/8V20.0--M**	153	B3	2.94	1.28
21.2	D6-8V212	6/8V21.2--M**	170	B2	2.94	1.28
22.4	D6-8V224	6/8V22.4--M**	205	B3	2.94	1.28
24.8	D6-8V248	6/8V24.8--M**	285	A3	1.94	0.28
30.0	D6-8V300	6/8V30.0--M**	291	A3	1.94	0.28
35.5	D6-8V355	6/8V35.5--N**	467	C3	1.88	0.19
40.0	D6-8V400	6/8V40.0--N**	401	B3	1.13	0.19
44.5	D6-8V445	6/8V44.5--N**	573	C3	1.88	0.19
53.0	D6-8V530	6/8V53.0--N**	520	C3	1.88	0.19
63.0	D6-8V630	6/8V63.0--P**	890	C3	1.63	0.75
71.0	D6-8V710	6/8V71.0--P**	1131	C3	1.63	0.75

8-Groove F = 9.38						
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
12.5	D8-8V125	8/8V12.5--J	100	A1	3.44	2.03
13.2	D8-8V132	8/8V13.2--J	126	A1	3.44	2.03
14.0	D8-8V140	8/8V14.0--J	124	A2	3.44	2.03
15.0	D8-8V150	8/8V15.0-J	134	A2	3.44	2.03
16.0	D8-8V160	8/8V16.0--J	145	A2	3.56	2.16
17.0	D8-8V170	8/8V17.0--M**	213	A2	3.94	2.28
18.0	D8-8V180	8/8V18.0--M**	213	A2	3.94	2.28
19.0	D8-8V190	8/8V19.0--M**	221	A2	3.94	2.28
20.0	D8-8V200	8/8V20.0--M**	217	A2	3.94	2.28
21.2	D8-8V212	8/8V21.2--M**	239	A2	3.94	2.28
22.4	D8-8V224	8/8V22.4--M**	260	A3	3.94	2.28
24.8	D8-8V248	8/8V24.8--N**	417	A3	2.25	0.19
30.0	D8-8V300	8/8V30.0--N**	352	A3	2.25	0.19
35.5	D8-8V355	8/8V35.5--N**	575	A3	2.25	0.19
40.0	D8-8V400	8/8V40.0--N**	496	A3	2.25	0.19
44.5	D8-8V445	8/8V44.5--P**	783	B3	2.63	0.25
53.0	D8-8V530	8/8V53.0--P**	760	B3	2.63	0.25
63.0	D8-8V630	8/8V63.0--P**	1116	B3	2.63	0.25
71.0	D8-8V710	8/8V71.0--W**	1632	C3	2.63	0

P.D. for "8V" Belts = O.D.

** M-N-P-W are standard mounting only for these parts

‡ Type 1 = Block Type, 2 = Web, 3 = Arm – See page PT7-2

SELECTION/DIMENSIONS



8V QD SHEAVES - Standard Duty

10-Groove						F = 11.63
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
12.5	D10-8V125	10/8V12.5-J	148	A1	3.56	2.16
13.2	D10-8V132	10/8V13.2-J	148	A1	3.56	2.16
14.0	D10-8V140	10/8V14.0-J	160	A1	3.56	2.16
15.0	D10-8V150	10/8V15.0-M**	259	A1	3.94	2.28
16.0	D10-8V160	10/8V16.0-M**	296	A1	3.94	2.28
17.0	D10-8V170	10/8V17.0-M**	269	A2	3.94	2.28
18.0	D10-8V180	10/8V18.0-M**	282	A2	3.94	2.28
19.0	D10-8V190	10/8V19.0-M**	300	A2	3.94	2.28
20.0	D10-8V200	10/8V20.0-M**	318	A2	3.94	2.28
21.2	D10-8V212	10/8V21.2-M**	340	A2	3.94	2.28
22.4	D10-8V224	10/8V22.4-N**	410	A3	2.25	0.19
24.8	D10-8V248	10/8V24.8-N**	463	A3	2.25	0.19
30.0	D10-8V300	10/8V30.0--N**	557	A3	2.25	0.19
35.5	D10-8V355	10/8V35.5-P**	706	A3	2.63	0.25
40.0	D10-8V400	10/8V40.0-P**	817	A3	2.63	0.25
44.5	D10-8V445	10/8V44.5-P**	854	A3	2.63	0.25
53.0	D10-8V530	10/8V53.0-P**	1198	A3	2.63	0.25
58.0	D10-8V580	10/8V58.0-W**	1300	B3	3.00	0.38
63.0	D10-8V630	10/8V63.0-W**	1412	B3	3.00	0.38
71.0	D10-8V710	10/8V71.0-W**	1771	B3	3.00	0.38

12-Groove						F = 13.88
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
12.5	D12-8V125	12/8V12.5-M**	197	A1	3.94	2.28
13.2	D12-8V132	12/8V13.2-M**	219	A1	3.94	2.28
14.0	D12-8V140	12/8V14.0-M**	245	A1	3.94	2.28
15.0	D12-8V150	12/8V15.0-M**	280	A1	3.94	2.28
16.0	D12-8V160	12/8V16.0-M**	319	A1	3.94	2.28
17.0	D12-8V170	12/8V17.0-M**	321	A1	3.94	2.28
18.0	D12-8V180	12/8V18.0-M**	337	A1	3.94	2.28
19.0	D12-8V190	12/8V19.0-N**	380	A1	2.25	0.19
20.0	D12-8V200	12/8V20.0-N**	402	A2	2.25	0.19
21.2	D12-8V212	12/8V21.2-N**	420	A2	2.25	0.19
22.4	D12-8V224	12/8V22.4-N**	458	A3	2.25	0.19
24.8	D12-8V248	12/8V24.8--N**	516	A3	2.25	0.19
30.0	D12-8V300	12/8V30.0-P**	671	A3	2.63	0.25
35.5	D12-8V355	12/8V35.5-P**	798	A3	2.63	0.25
40.0	D12-8V400	12/8V40.0-P**	909	A3	2.63	0.25
44.5	D12-8V445	12/8V44.5-P**	982	A3	2.63	0.25
53.0	D12-8V530	12/8V53.0-W**	1456	A3	3.25	0.63
58.0	D12-8V580	12/8V58.0-W**	1500	A3	3.25	0.63
63.0	D12-8V630	12/8V63.0-W**	1540	A3	3.25	0.63
71.0	D12-8V710	12/8V71.0-W**	1912	A3	3.25	0.63

P.D. for "8V" Belts = O.D.

** M-N-P-W are standard mounting only for these parts

‡ Type 1 = Block Type, 2 = Web, 3 = Arm – See page PT7-2



SELECTION/DIMENSIONS

A/B QD SHEAVES - Standard Duty

1-Groove F = .88 A3.0 thru A6.4 B6.8						
Balance F = 1						
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
# 3.75	D1B34	1A3.0B3.4-SH	1	E1	0.13	0.63
3.95	D1B36	1A3.2B3.6-SH	1	D1	0.13	0.50
4.15	D1B38	1A3.4B3.8-SH	2	D1	0.13	0.50
4.35	D1B40	1A3.6B4.0-SH	2	D1	0.13	0.50
4.55	D1B42	1A3.8B4.2-SH	2	D1	0.13	0.50
4.75	D1B44	1A4.0B4.4-SH	2	D1	0.13	0.50
4.95	D1B46	1A4.2B4.6-SDS	2	C1	0.25	0.44
5.15	D1B48	1A4.4B4.8-SDS	3	C1	0.25	0.44
5.35	D1B50	1A4.6B5.0-SDS	3	C1	0.25	0.44
5.55	D1B52	1A4.8B5.2-SDS	3	C1	0.25	0.44
5.75	D1B54	1A5.0B5.4-SDS	4	C1	0.25	0.44
5.95	D1B56	1A5.2B5.6-SDS	4	C1	0.25	0.44
6.15	D1B58	1A5.4B5.8-SDS	4	C1	0.25	0.44
6.35	D1B60	1A5.6B6.0-SDS	5	C1	0.25	0.44
6.55	D1B62	1A5.8B6.2-SDS	5	C1	0.25	0.44
6.75	D1B64	1A6.0B6.4-SDS	6	C1	0.25	0.44
6.95	D1B66	1A6.2B6.6-SDS	6	C1	0.25	0.44
7.15	D1B68	1A6.4B6.8-SDS	6	C1	0.25	0.44
7.35	D1B70	1A6.6B7.0-SDS	6	D3	0.13	0.56
7.75	D1B74	1A7.0B7.4-SDS	6	D3	0.13	0.56
8.35	D1B80	1A7.6B8.0-SDS	7	D3	0.13	0.56
8.95	D1B86	1A8.2B8.6-SDS	8	D3	0.13	0.56
9.35	D1B90	1A8.6B9.0-SDS	9	D3	0.13	0.56
9.75	D1B94	1A9.0B9.4-SDS	9	D3	0.13	0.56
11.35	D1B110	1A10.6B11.0-SDS	11	D3	0.13	0.56
12.75	D1B124	1A12.0B12.4-SDS	12	D3	0.13	0.56
13.95	D1B136	1A13.2B13.6-SDS	13	D3	0.13	0.56
15.75	D1B154	1A15.0B15.4-SK	20	C3	0.11	0.69
16.35	D1B160	1A15.6B16.0--SK	22	C3	0.09	0.88
18.75	D1B184	1A18.0B18.4-SK	28	E3	0.12	0.94
20.35	D1B200	1B20.0--SK	30	C3	0.00	0.81
25.35	D1B250	1B25.0--SK	40	E3	0.12	0.94

P.D. for "A" (4L) Belts = Datum Dia. + 0.35" = O.D. - 0.40

P.D. for "B" (5L) Belts = O.D.

‡ Type 1 = Block Type, 2 = Web, 3 = Arm – See page PT7-2

2-Groove F = 1.75						
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
# 3.75	D2B34	2A3.0B3.4-SH	2	E1	0.00	0.63
## 3.95	D2B36	2A3.2B3.6-SH	3	D1	0.16	0.47
## 4.15	D2B38	2A3.4B3.8-SH	3	D1	0.16	0.47
## 4.35	D2B40	2A3.6B4.0-SH	3	D1	0.16	0.47
4.55	D2B42	2A3.8B4.2-SH	3	A1	0.69	0.06
4.75	D2B44	2A4.0B4.4-SH	4	A1	0.69	0.06
4.95	D2B46	2A4.2B4.6-SDS	4	D1	0.69	0.00
5.15	D2B48	2A4.4B4.8-SDS	4	D1	0.69	0.00
5.35	D2B50	2A4.6B5.0-SDS	5	D1	0.69	0.00
5.55	D2B52	2A4.8B5.2-SDS	5	D1	0.69	0.00
5.75	D2B54	2A5.0B5.4-SDS	6	D1	0.69	0.00
5.95	D2B56	2A5.2B5.6-SDS	6	D1	0.69	0.00
6.15	D2B58	2A5.4B5.8-SDS	6	D2	0.69	0.00
6.35	D2B60	2A5.6B6.0-SDS	6	D2	0.69	0.00
6.55	D2B62	2A5.8B6.2-SDS	7	D2	0.69	0.00
6.75	D2B64	2A6.0B6.4-SDS	7	D2	0.69	0.00
6.95	D2B66	2A6.2B6.6-SDS	8	D2	0.69	0.00
7.15	D2B68	2A6.4B6.8-SDS	8	D2	0.69	0.00
7.35	D2B70	2A6.6B7.0-SK	9	D2	0.44	0.38
7.75	D2B74	2A7.0B7.4-SK	10	D2	0.44	0.38
8.35	D2B80	2A7.6B8.0-SK	11	D2	0.44	0.38
8.95	D2B86	2A8.2B8.6-SK	12	D3	0.44	0.38
9.35	D2B90	2A8.6B8.6-SK	12	D3	0.44	0.38
9.75	D2B94	2A9.0B9.4-SK	13	D3	0.44	0.38
11.35	D2B110	2A10.6B11.0-SK	15	D3	0.44	0.38
12.75	D2B124	2A12.0B12.4-SK	18	D3	0.25	0.56
13.95	D2B136	2A13.2B13.6-SK	24	D3	0.44	0.38
15.75	D2B154	2A15.0B15.4-SK	25	D3	0.44	0.38
16.35	D2B160	2A15.6B16.0-SK	27.4	D3	0.44	0.38
18.75	D2B184	2A18.0B18.4-SK	38	D3	0.44	0.38
20.35	D2B200	2B20.0--SF	47	D3	0.13	0.69
25.35	D2B250	2B25.0-SF	60	D3	0.44	0.38
30.35	D2B300	2B30.0--SF	75	D3	0.38	0.44
38.35	D2B380	2B38.0--SF	100	D3	0.47	0.34

Reverse Mount Only

This sheave can only be reverse mounted with standard bushing bolts. Special bolts required for conventional mounting.

SELECTION/DIMENSIONS



A/B QD SHEAVES - Standard Duty

3-Groove							4-Groove						
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K	O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
# 3.75	D3B34	3A3.0B3.4-SH	3	E1	0.00	0.63	# 3.75	D4B34	4A3.0B3.4-SD	4	E1	0.00	1.00
# 3.95	D3B36	3A3.2B3.6-SH	4	D1	0.13	0.50	# 3.95	D4B36	4A3.2B3.6-SD	5	E1	0.00	1.00
# 4.15	D3B38	3A3.4B3.8-SH	4	D1	0.13	0.50	# 4.15	D4B38	4A3.4B3.8-SD	6	E1	0.00	1.00
# 4.35	D3B40	3A3.6B4.0-SH	4	E1	0.00	0.63	# 4.35	D4B40	4A3.6B4.0-SD	5	E1	0.00	0.69
4.55	D3B42	3A3.8B4.2-SH	4	A1	1.06	0.44	# 4.55	D4B42	4A3.8B4.2-SD	6	E1	0.00	0.69
4.75	D3B44	3A4.0B4.4-SH	5	A1	1.06	0.44	4.75	D4B44	4A4.0B4.4-SD	6	E1	0.00	0.69
4.95	D3B46	3A4.2B4.6-SD	5	A1	1.06	0.38	4.95	D4B46	4A4.2B4.6-SD	7	A1	1.31	0.63
5.15	D3B48	3A4.4B4.8-SD	6	A1	1.06	0.38	5.15	D4B48	4A4.4B4.8-SD	8	A1	1.31	0.63
5.35	D3B50	3A4.6B5.0-SD	7	A1	1.06	0.38	5.35	D4B50	4A4.6B5.0-SD	8	A1	1.31	0.63
5.55	D3B52	3A4.8B5.2-SD	7	A1	1.06	0.38	5.55	D4B52	4A4.8B5.2-SD	9	A1	1.31	0.63
5.75	D3B54	3A5.0B5.4-SD	8	A1	1.06	0.38	5.75	D4B54	4A5.0B5.4-SD	10	A1	1.31	0.63
5.95	D3B56	3A5.2B5.6-SD	9	A1	1.06	0.38	5.95	D4B56	4A5.2B5.6-SD	10	A1	1.31	0.63
6.15	D3B58	3A5.4B5.8-SD	9	A2	1.06	0.38	6.15	D4B58	4A5.4B5.8-SD	11	A2	1.31	0.63
6.35	D3B60	3A5.6B6.0-SD	10	A2	1.06	0.38	6.35	D4B60	4A5.6B6.0-SD	11	A2	1.31	0.63
6.55	D3B62	3A5.8B6.2-SD	10	A2	1.06	0.38	6.55	D4B62	4A5.8B6.2-SD	12	A2	1.31	0.63
6.75	D3B64	3A6.0B6.4-SD	10	A2	1.06	0.38	6.75	D4B64	4A6.0B6.4-SD	11	A2	1.31	0.63
6.95	D3B66	3A6.2B6.6-SD	10	A2	1.06	0.38	6.95	D4B66	4A6.2B6.6-SD	11	A2	1.31	0.63
7.15	D3B68	3A6.4B6.8-SD	11	A2	1.06	0.38	7.15	D4B68	4A6.4B6.8-SD	12	A2	1.31	0.63
7.35	D3B70	3A6.6B7.0-SK	12	D2	0.69	0.13	7.35	D4B70	4A6.6B7.0-SK	13	A2	1.00	0.19
7.75	D3B74	3A7.0B7.4-SK	12	D2	0.69	0.13	7.75	D4B74	4A7.0B7.4-SK	15	A2	1.00	0.19
8.35	D3B80	3A7.6B8.0-SK	13	D2	0.69	0.13	8.35	D4B80	4A7.6B8.0-SK	15	A2	1.00	0.19
8.95	D3B86	3A8.2B8.6-SK	14	D3	0.69	0.13	8.95	D4B86	4A8.2B8.6-SK	17	A3	1.00	0.19
9.35	D3B90	3A8.6B9.0-SK	15	D3	0.69	0.13	9.35	D4B90	4A8.6B9.0-SK	17	A3	1.00	0.19
9.75	D3B94	3A9.0B9.4-SK	17	D3	0.69	0.13	9.75	D4B94	4A9.0B9.4-SK	19	A3	1.00	0.19
11.35	D3B110	3A10.6B11.0-SK	21	D3	0.69	0.13	11.35	D4B110	4A10.6B11.0-SK	25	A3	1.00	0.19
12.75	D3B124	3A12.0B12.4-SK	25	D3	0.69	0.13	12.75	D4B124	4A12.0B12.4-SK	28	A3	1.00	0.19
13.95	D3B136	3A13.2B13.6-SK	28	D3	0.69	0.13	13.95	D4B136	4A13.2B13.6-SK	32	A3	1.00	0.19
15.75	D3B154	3A15.0B15.4-SK	30	D3	0.69	0.13	15.75	D4B154	4A15.0B15.4-SF	38	A3	1.00	0.19
16.35	D3B160	3A15.6B16.0-SK	32	D3	0.69	0.13	16.35	D4B160	4A15.6B16.0-SF	41	A3	1.00	0.19
18.75	D3B184	3A18.0B18.4-SK	41	D3	0.69	0.13	18.75	D4B184	4A18.0B18.4-SF	48	A3	1.00	0.19
20.35	D3B200	3B20.0-SF	55.6	D3	0.63	0.19	20.35	D4B200	4B20.0-SF	60	A3	1.00	0.19
25.35	D3B250	3B25.0--SF	76.1	D3	0.63	0.19	25.35	D4B250	4B25.0-E	93	D3	1.00	0.06
30.35	D3B300	3B30.0--SF	96	D3	0.63	0.19	30.35	D4B300	4B30.0--E	120	D3	1.00	0.06
38.35	D3B380	3B38.0-E	145	D3	0.69	0.38	38.35	D4B380	4B38.0--E	162	D3	1.00	0.00

P.D. for "A" (4L) Belts = Dature Dia. + 0.35" = O.D. - 0.40

P.D. for "B" (5L) Belts = O.D.

Reverse Mount Only

‡ Type 1 = Block Type, 2 = Web, 3 = Arm – See page PT7-2



SELECTION/DIMENSIONS

A/B QD SHEAVES - Standard Duty

5-Groove F = 4.00						
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
# 3.75	D5B34	5A3.0B3.4-SD	5	E1	0.00	1.00
# 3.95	D5B36	5A3.2B3.6-SD	6	E1	0.00	1.00
# 4.15	D5B38	5A3.4B3.8-SD	6	E1	0.00	1.00
# 4.35	D5B40	5A3.6B4.0-SD	6	E1	0.00	0.69
# 4.55	D5B42	5A3.8B4.2-SD	7	E1	0.00	0.69
# 4.75	D5B44	5A4.0B4.4-SD	7	E1	0.00	0.69
4.95	D5B46	5A4.2B4.6-SD	7	A1	1.31	0.63
5.15	D5B48	5A4.4B4.8-SD	9	A1	1.31	0.63
5.35	D5B50	5A4.6B5.0-SD	10	A1	1.31	0.63
5.55	D5B52	5A4.8B5.2-SD	10	A1	1.31	0.63
5.75	D5B54	5A5.0B5.4-SK	10	A1	1.31	0.50
5.95	D5B56	5A5.2B5.6-SK	11	A1	1.31	0.50
6.15	D5B58	5A5.4B5.8-SK	12	A1	1.31	0.50
6.35	D5B60	5A5.6B6.0-SK	12	A1	1.31	0.50
6.55	D5B62	5A5.8B6.2-SK	14	A1	1.31	0.50
6.75	D5B64	5A6.0B6.4-SK	14	A1	1.31	0.50
6.95	D5B66	5A6.2B6.6-SK	15	A1	1.31	0.50
7.15	D5B68	5A6.4B6.8-SK	16	A1	1.31	0.50
7.35	D5B70	5A6.6B7.0-SF	16	A1	1.31	0.50
7.75	D5B74	5A7.0B7.4-SF	18	A1	1.31	0.50
8.35	D5B80	5A7.6B8.0-SF	19	A2	1.31	0.50
8.95	D5B86	5A8.2B8.6-SF	21	A2	1.31	0.50
9.35	D5B90	5A8.6B9.0-SF	21	A3	1.31	0.50
9.75	D5B94	5A9.0B9.4-SF	22	A3	1.31	0.50
11.35	D5B110	5A10.6B11.0-SF	29	A3	1.31	0.50
12.75	D5B124	5A12.0B12.4-SF	33	A3	1.31	0.50
13.95	D5B136	5A13.2B13.6-SF	39	A3	1.31	0.50
15.75	D5B154	5A15.0B15.4-SF	43	A3	1.31	0.50
16.35	D5B160	5A15.6B16.0-SF	46	A3	1.31	0.50
18.75	D5B184	5A18.0B18.4-SF	54	A3	1.31	0.50
20.35	D5B200	5B20.0-E	77.5	A3	1.25	0.19
25.35	D5B250	5B25.0-E	108	A3	1.25	0.19
30.35	D5B300	5B30.0-E	131	A3	1.25	0.19
38.35	D5B380	5B38.0-E	169	A3	1.25	0.19

6-Groove F = 4.75						
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
# 3.75	D6B34	6A3.0B3.4-SD	6	E1	0.00	1.09
# 3.95	D6B36	6A3.2B3.6-SD	7	E1	0.00	1.09
# 4.15	D6B38	6A3.4B3.8-SD	7	E1	0.00	1.09
# 4.35	D6B40	6A3.6B4.0-SD	7	E1	0.00	0.69
# 4.55	D6B42	6A3.8B4.2-SD	8	E1	0.00	0.69
# 4.75	D6B44	6A4.0B4.4-SD	9	E1	0.00	0.69
4.95	D6B46	6A4.2B4.6-SD	9	A1	1.31	0.63
5.15	D6B48	6A4.4B4.8-SD	10	A1	1.31	0.63
5.35	D6B50	6A4.6B5.0-SD	11	A1	1.31	0.63
5.55	D6B52	6A4.8B5.2-SD	11	A1	1.31	0.63
5.75	D6B54	6A5.0B5.4-SK	11	A1	1.31	0.50
5.95	D6B56	6A5.2B5.6-SK	13.4	A1	1.31	0.50
6.15	D6B58	6A5.4B5.8-SK	15.5	A1	1.31	0.50
6.35	D6B60	6A5.6B6.0-SK	15	A1	1.31	0.50
6.55	D6B62	6A5.8B6.2-SK	15	A1	1.31	0.50
6.75	D6B64	6A6.0B6.4-SK	16	A1	1.31	0.50
6.95	D6B66	6A6.2B6.6-SK	17	A1	1.31	0.50
7.15	D6B68	6A6.4B6.8-SK	18	A1	1.31	0.50
7.35	D6B70	6A6.6B7.0-SF	19	A1	1.69	0.88
7.75	D6B74	6A7.0B7.4-SF	20	A1	1.69	0.88
8.35	D6B80	6A7.6B8.0-SF	24	A2	1.69	0.88
8.95	D6B86	6A8.2B8.6-SF	26	A2	1.69	0.88
9.75	D6B94	6A9.0B9.4-SF	30	A2	1.69	0.88
11.35	D6B110	6A10.6B11.0-SF	30	A3	1.69	0.88
12.75	D6B124	6A12.0B12.4-SF	37	A3	1.67	0.88
13.95	D6B136	6A13.2B13.6-SF	39	A3	1.91	1.09
15.75	D6B154	6A15.0B15.4-SF	51.4	A3	1.91	1.09
16.35	D6B160	6A15.6B16.0-SF	54.6	A3	1.69	0.88
18.75	D6B184	6A18.0B18.4-SF	59	A3	1.91	1.09
20.35	D6B200	6B20.0-E	96.9	A3	1.25	0.19
25.35	D6B250	6B25.0-E	120	A3	1.38	0.31
30.35	D6B300	6B30.0-E	151	A3	1.38	0.31
38.35	D6B380	6B38.0-E	157	A3	1.38	0.31

P.D. for "A" (4L) Belts = Datum Dia. + 0.35" = O.D. - 0.40

P.D. for "B" (5L) Belts = O.D.

Reverse Mount Only

‡ Type 1 = Block Type, 2 = Web, 3 = Arm - See page PT7-2

SELECTION/DIMENSIONS



A/B QD SHEAVES - Standard Duty

8-Groove						F = 6.25	
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K	
5.75	D8B54	8B5.4-SK	15	A1	1.81	1.00	
5.95	D8B56	8B5.6-SK	17	A1	1.81	1.00	
6.15	D8B58	8B5.8-SK	16	A1	1.81	1.00	
6.35	D8B60	8B6.0-SF	16	A1	1.81	1.00	
6.55	D8B62	8B6.2-SF	18	A1	1.81	1.00	
6.75	D8B64	8B6.4-SF	19	A1	1.81	1.00	
6.95	D8B66	8B6.6-SF	20	A1	1.81	1.00	
7.15	D8B68	8B6.8-SF	21	A1	1.81	1.00	
7.35	D8B70	8B7.0-SF	22	A1	1.81	1.00	
7.75	D8B74	8B7.4-SF	25	A1	1.81	1.00	
8.35	D8B80	8B8.0-E	29	A1	2.38	1.31	
8.95	D8B86	8B8.6-E	33	A1	2.38	1.31	
9.75	D8B94	8B9.4-E	36	A1	2.38	1.31	
11.35	D8B110	8B11.0-E	46	A1	2.38	1.31	
12.75	D8B124	8B12.4-E	53	A2	2.38	1.31	
13.95	D8B136	8B13.6-E	59	A3	2.44	1.38	
15.75	D8B154	8B15.4-E	69	A3	2.44	1.38	
16.35	D8B160	8B16.0-E	71	A3	#N/A!	1.31	
18.75	D8B184	8B18.4--F	108	A3	1.31	0.09	
20.35	D8B200	8B20.0--F	114	A3	1.31	0.09	
25.35	D8B250	8B25.0--F	152	A3	1.31	0.09	
30.35	D8B300	8B30.0--F	186	A3	1.31	0.09	
38.35	D8B380	8B38.0-F	220	A3	1.31	0.09	

10-Groove						F = 7.75	
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K	
5.75	D10B54	10B5.4-SK	16	A1	2.56	1.75	
5.95	D10B56	10B5.6-SK	17	A1	2.56	1.75	
6.15	D10B58	10B5.8-SK	18	A1	2.56	1.75	
6.35	D10B60	10B6.0-SF	19	A1	2.56	1.75	
6.55	D10B62	10B6.2-SF	20	A1	2.56	1.75	
6.75	D10B64	10B6.4-SF	21	A1	2.56	1.75	
6.95	D10B66	10B6.6-SF	21	A1	2.56	1.75	
7.15	D10B68	10B6.8-SF	22	A1	2.56	1.75	
7.35	D10B70	10B7.0-SF	23	A1	2.56	1.75	
7.75	D10B74	10B7.4-SF	24	A1	2.56	1.75	
-	-	-	-	-	-	-	
8.95	D10B86	10B8.6-E	39.6	A1	3.13	2.06	
9.75	D10B94	10B9.4-E	40	A1	3.13	2.06	
11.35	D10B110	10B11.0-E	52	A1	3.13	2.06	
12.75	D10B124	10B12.4-E	58	A2	3.13	2.06	
13.95	D10B136	10B13.6-F	73	A3	2.06	0.84	
15.75	D10B154	10B15.4-F	87	A3	2.06	0.84	
16.35	D10B160	10B16.0-F	100	A3	2.06	0.84	
18.75	D10B184	10B18.4--F	110	A3	2.06	0.84	
20.35	D10B200	10B20.0--F	120	A3	2.06	0.84	
25.35	D10B250	10B25.0--F	148	A3	2.06	0.84	
30.35	D10B300	10B30.0--F	190	A3	2.06	0.84	
38.35	D10B380	10B38.0-J	260	A3	1.63	0.22	

P.D. for "A" (4L) Belts = Datum Dia. + 0.35" = O.D. - 0.40

P.D. for "B" (5L) Belts = O.D.

Reverse Mount Only

‡ Type 1 = Block Type, 2 = Web, 3 = Arm – See page PT7-2



SELECTION/DIMENSIONS

C QD SHEAVES - Standard Duty

1-Groove F = 1.38						
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
7.4	D1C70	1C7.0-SF	10	C1	0.25	0.56
7.9	D1C75	1C7.5-SF	11	C1	0.25	0.56
8.4	D1C80	1C8.0-SF	13.2	C1	0.25	0.56
8.9	D1C85	1C8.5-SF	15.6	C1	0.25	0.56
9.4	D1C90	1C9.0-SF	13	C2	0.22	0.59
9.9	D1C95	1C9.5-SF	18	C2	0.22	0.59
10.4	D1C100	1C10.0-SF	14	D2	0.13	0.69
10.9	D1C105	1C10.5-SF	20	D2	0.13	0.69
11.4	D1C110	1C11.0-SF	15	C2	0.13	0.53
12.4	D1C120	1C12.0-SF	16	D2	0.13	0.69
13.4	D1C130	1C13.0-SF	18	D3	0.13	0.69
14.4	D1C140	1C14.0-SF	20	D3	0.13	0.69
16.4	D1C160	1C16.0-SF	24	D3	0.13	0.69
18.4	D1C180	1C18.0-SF	32	D3	0.13	0.69
20.4	D1C200	1C20.0-SF	35	D3	0.13	0.69
24.4	D1C240	1C24.0-SF	46.9	D3	0.13	0.69

3-Groove F = 3.38						
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
+ 5.4	D3C50	3C5.0-SD	9	A1	1.00	0.31
# + 5.4	D3C50SK	3C5.0-SK	10.5	E1	#N/A!	0.83
+ 6.0	D3C56	3C5.6-SF	10	A1	0.00	0.63
+ 6.4	D3C60	3C6.0-SF	11.3	A1	0.75	0.06
7.4	D3C70	3C7.0-SF	16	A1	1.31	0.50
7.9	D3C75	3C7.5-SF	18	A1	1.31	0.50
8.4	D3C80	3C8.0-E	21	A1	1.75	0.69
8.9	D3C85	3C8.5-E	24	A1	1.75	0.69
9.4	D3C90	3C9.0-E	26	A1	1.75	0.69
9.9	D3C95	3C9.5-E	29.8	A2	1.75	0.69
10.4	D3C100	3C10.0-E	34	A2	1.75	0.69
10.9	D3C105	3C10.5-E	37	A2	1.75	0.69
11.4	D3C110	3C11.0-E	39	A2	1.75	0.69
12.4	D3C120	3C12.0-E	43.4	A2	1.75	0.69
13.4	D3C130	3C13.0-E	45	A3	1.75	0.69
14.4	D3C140	3C14.0-E	50	A3	1.75	0.69
16.4	D3C160	3C16.0-E	60	A3	1.75	0.69
18.4	D3C180	3C18.0-E	63	A3	1.75	0.69
20.4	D3C200	3C20.0-E	81	D3	1.00	0.06
24.4	D3C240	3C24.0-E	94.7	D3	1.00	0.06
27.4	D3C270	3C27.0-F	116	D3	0.81	0.41
30.4	D3C300	3C30.0-F	134.4	D3	0.81	0.41
36.4	D3C360	3C36.0-F	159	D3	0.81	0.41
44.4	D3C440	3C44.0-F	190	D3	0.81	0.41
50.4	D3C500	3C50.0-F	250	D3	0.81	0.41

P.D. for "C" Belts = O.D.

Reverse Mount Only

‡ Type 1 = Block Type, 2 = Web, 3 = Arm – See page PT7-2

+ Recommended CX Belt only

2-Groove F = 2.38						
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
7.4	D2C70	2C7.0-SF	13	A1	0.81	0.00
7.9	D2C75	2C7.5-SF	15	A1	0.81	0.00
8.4	D2C80	2C8.0-SF	17	A1	0.81	0.00
8.9	D2C85	2C8.5-SF	19	A1	0.81	0.00
9.4	D2C90	2C9.0-SF	21	A2	0.81	0.00
9.9	D2C95	2C9.5-SF	22	A2	0.81	0.00
10.4	D2C100	2C10.0-SF	21.8	A2	0.81	0.00
10.9	D2C105	2C10.5-SF	23	A2	0.81	0.00
11.4	D2C110	2C11.0-SF	26	A2	0.81	0.00
12.4	D2C120	2C12.0-SF	37	D2	0.56	0.25
13.4	D2C130	2C13.0-SF	35	D3	0.56	0.25
14.4	D2C140	2C14.0-SF	40	D3	0.56	0.25
16.4	D2C160	2C16.0-SF	40	D3	0.56	0.25
18.4	D2C180	2C18.0-SF	50	D3	0.56	0.25
20.4	D2C200	2C20.0-SF	55	D3	0.56	0.25
24.4	D2C240	2C24.0-SF	73.1	D3	0.56	0.25
27.4	D2C270	2C27.0-F	94	C3	#N/A!	0.91
30.4	D2C300	2C30.0-F	104	C3	#N/A!	0.91

4-Groove F = 4.38						
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
+ 5.4	D4C50	4C5.0-SD	10.2	A1	1.31	0.63
# + 5.4	D4C50SK	4C5.0-SK	12.0	E1	#N/A!	0.81
+ 6.0	D4C56	4C5.6-SF	13.0	A1	0.00	0.88
+ 6.4	D4C60	4C6.0-SF	15.0	A1	0.88	0.06
7.4	D4C70	4C7.0-SF	19.0	A1	1.56	0.75
7.9	D4C75	4C7.5-SF	22.0	A1	1.56	0.75
8.4	D4C80	4C8.0-E	24.0	A1	2.00	0.94
8.9	D4C85	4C8.5-E	28.0	A1	2.00	0.94
9.4	D4C90	4C9.0-E	31.0	A1	2.00	0.94
9.9	D4C95	4C9.5-E	34.8	A1	2.00	0.94
10.4	D4C100	4C10.0-E	40.0	A1	2.00	0.94
10.9	D4C105	4C10.5-E	43.0	A2	2.00	0.94
11.4	D4C110	4C11.0-E	44.0	A2	2.00	0.94
12.4	D4C120	4C12.0-E	50.0	A2	2.00	0.94
13.4	D4C130	4C13.0-E	52.0	A3	2.00	0.94
14.4	D4C140	4C14.0-E	57.0	A3	2.00	0.94
16.4	D4C160	4C16.0-E	67.0	A3	2.00	0.94
18.4	D4C180	4C18.0-E	72.0	A3	2.00	0.94
20.4	D4C200	4C20.0-E	86.0	A3	1.50	0.44
24.4	D4C240	4C24.0-F	113.0	A3	1.31	0.09
27.4	D4C270	4C27.0-F	140.0	A3	1.31	0.09
30.4	D4C300	4C30.0-F	149.0	A3	1.31	0.09
36.4	D4C360	4C36.0-F	185.0	A3	1.38	0.16
44.4	D4C440	4C44.0-J	225.0	B3	1.63	0.22
50.4	D4C500	4C50.0-J	275.0	B3	1.63	0.22

SELECTION/DIMENSIONS



C QD SHEAVES - Standard Duty

5-Groove F = 5.38						
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
+ 6.4	D5C60	5C6.0-SF	16	A1	0.88	0.06
7.4	D5C70	5C7.0-SF	23	A1	1.94	1.13
7.9	D5C75	5C7.5-SF	25	A1	1.94	1.13
8.4	D5C80	5C8.0-E	28	A1	2.38	1.31
8.9	D5C85	5C8.5-E	32	A1	2.38	1.31
9.4	D5C90	5C9.0-E	36	A1	2.38	1.31
9.9	D5C95	5C9.5-E	40	A1	2.38	1.31
10.4	D5C100	5C10.0-E	41	A2	2.38	1.31
10.9	D5C105	5C10.5-E	44	A2	2.38	1.31
11.4	D5C110	5C11.0-E	47	A2	2.38	1.31
12.4	D5C120	5C12.0-E	55	A2	2.38	1.31
13.4	D5C130	5C13.0-E	55	A3	2.38	1.31
14.4	D5C140	5C14.0-E	62	A3	2.38	1.31
16.4	D5C160	5C16.0-E	73	A3	2.38	1.31
18.4	D5C180	5C18.0-E	83	A3	2.38	1.31
20.4	D5C200	5C20.0-F	109	A3	2.38	0.09
24.4	D5C240	5C24.0-F	129	A3	1.31	0.09
27.4	D5C270	5C27.0-F	149	A3	1.31	0.09
30.4	D5C300	5C30.0-F	172	A3	1.31	0.09
36.4	D5C360	5C36.0-J	205	A3	1.63	0.22
44.4	D5C440	5C44.0-J	285	A3	1.63	0.22
50.4	D5C500	5C50.0-J	325	A3	1.63	0.22

8-Groove F = 8.38						
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
7.4	D8C70	8C7.0-SF	34	A1	3.22	2.41
8.4	D8C80	8C8.0-E	38.7	A1	3.25	2.19
8.9	D8C85	8C8.5-E	44	A1	3.25	2.19
9.4	D8C90	8C9.0-F	52.7	A1	3.31	2.09
9.9	D8C95	8C9.5-F	56	A1	3.31	2.09
10.4	D8C100	8C10.0-F	62	A1	3.31	2.09
10.9	D8C105	8C10.5-F	72	A1	3.31	2.09
11.4	D8C110	8C11.0-F	80	A1	3.31	2.09
12.4	D8C120	8C12.0-F	94	A1	3.31	2.09
13.4	D8C130	8C13.0-F	97	A2	3.31	2.09
14.4	D8C140	8C14.0-F	96	A3	3.31	2.09
16.4	D8C160	8C16.0-F	111	A3	3.94	2.09
18.4	D8C180	8C18.0-F	129	A3	3.94	2.09
20.4	D8C200	8C20.0-J	158	A3	1.56	0.16
24.4	D8C240	8C24.0-J	173	A3	1.56	0.16
30.4	D8C300	8C30.0-J	272	A3	1.56	0.16
36.4	D8C360	8C36.0-M**	370	A3	1.94	0.28
44.4	D8C440	8C44.0-M**	479	A3	1.94	0.28
50.4	D8C500	8C50.0-M**	570	A3	1.94	0.28

12-Groove F = 12.38						
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
9.4	D12C90	12C9.0-J	68	A1	4.06	2.66
9.9	D12C95	12C9.5-J	75	A1	4.06	2.66
10.4	D12C100	12C10.0-J	86	A1	4.06	2.66
10.9	D12C105	12C10.5-J	96	A1	4.06	2.66
11.4	D12C110	12C11.0-J	104	A1	4.06	2.66
12.4	D12C120	12C12.0-J	118.7	A1	4.06	2.66
13.4	D12C130	12C13.0-J	138	A2	4.06	2.66
14.4	D12C140	12C14.0-J	153	A2	4.06	2.66
16.4	D12C160	12C16.0-J	175	A3	4.06	2.66
18.4	D12C180	12C18.0-J	198	A3	4.06	2.66
20.4	D12C200	12C20.0-M**	237	A3	1.94	0.28
24.4	D12C240	12C24.0-M**	277	A3	1.94	0.28
30.4	D12C300	12C30.0-M**	357	A3	1.94	0.28
36.4	D12C360	12C36.0-M**	430	A3	1.94	0.28
44.4	D12C440	12C44.0-M**	520	A3	1.94	0.28
50.4	D12C500	12C50.0-M**	595	A3	1.94	0.28

6-Groove F = 6.38						
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
+ 6.4	D6C60	6C6.0-SF	24	A1	1.88	1.06
7.4	D6C70	6C7.0-SF	26	A1	1.94	1.13
7.9	D6C75	6C7.5-SF	29	A1	1.94	1.13
8.4	D6C80	6C8.0-E	31	A1	2.38	1.31
8.9	D6C85	6C8.5-E	35	A1	2.38	1.31
9.4	D6C90	6C9.0-F	44	A1	2.44	1.22
9.9	D6C95	6C9.5-F	49	A1	2.44	1.22
10.4	D6C100	6C10.0-F	56	A1	2.44	1.22
10.9	D6C105	6C10.5-F	56	A1	2.44	1.22
11.4	D6C110	6C11.0-F	59	A2	2.44	1.22
12.4	D6C120	6C12.0-F	66	A2	2.44	1.22
13.4	D6C130	6C13.0-F	66	A3	2.44	1.22
14.4	D6C140	6C14.0-F	75	A3	2.44	1.22
16.4	D6C160	6C16.0-F	86	A3	2.44	1.22
18.4	D6C180	6C18.0-F	100	A3	2.44	1.22
20.4	D6C200	6C20.0-F	119	A3	1.94	0.72
24.4	D6C240	6C24.0-F	141	A3	1.94	0.72
27.4	D6C270	6C27.0-J	173	A3	#N/A!	0.16
30.4	D6C300	6C30.0-J	189	A3	1.56	0.16
36.4	D6C360	6C36.0-J	240	A3	1.63	0.22
44.4	D6C440	6C44.0-J	290	A3	1.63	0.22
50.4	D6C500	6C50.0-M**	430	B3	2.00	0.34

10-Groove F = 10.38						
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
8.9	D10C85	10C8.5-E	52	A1	3.25	2.19
9.4	D10C90	10C9.0-J	54	A1	3.56	2.16
9.9	D10C95	10C9.5-J	67.4	A1	3.56	2.16
10.4	D10C100	10C10.0-J	77	A1	3.56	2.16
10.9	D10C105	10C10.5-J	85.7	A1	3.56	2.16
11.4	D10C110	10C11.0-J	93.5	A1	3.56	2.16
12.4	D10C120	10C12.0-J	111.8	A1	3.56	2.16
13.4	D10C130	10C13.0-J	105	A2	#N/A!	2.16
14.4	D10C140	10C14.0-J	114	A2	3.56	2.16
16.4	D10C160	10C16.0-J	140	A3	3.56	2.16
18.4	D10C180	10C18.0-J	160	A3	3.56	2.16
20.4	D10C200	10C20.0-J	165	A3	3.56	2.16
24.4	D10C240	10C24.0-M**	225	A3	1.94	0.28
30.4	D10C300	10C30.0-M**	275	A3	1.94	0.28
36.4	D10C360	10C36.0-M**	340	A3	1.94	0.28
44.4	D10C440	10C44.0-M**	460	A3	1.94	0.28
50.4	D10C500	10C50.0-M**	550	A3	1.94	0.28

P.D. for "C" Belts = O.D.

‡ Type 1 = Block Type, 2 = Web, 3 = Arm – See page PT7-2

+ Recommended CX Belt only

** M-N-P-W are standard mounting only for these parts



SELECTION/DIMENSIONS

D QD SHEAVES - Standard Duty

3-Groove						F = 4.62
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
12.6	D3D120	3D12.0-F	64	A2	1.50	0.28
13.6	D3D130	3D13.0-F	72	A2	1.50	0.28
14.1	D3D135	3D13.5--F	76	A2	1.50	0.28
14.6	D3D140	3D14.0--F	79	A2	1.50	0.28
15.1	D3D145	3D14.5-F	84	A2	1.50	0.28
15.6	D3D150	3D15.0-F	89	A2	1.50	0.28
16.1	D3D155	3D15.5-F	94	A2	1.50	0.28
16.6	D3D160	3D16.0--F	95	A3	1.50	0.28
18.6	D3D180	3D18.0--J	115	D3	1.19	0.22
22.6	D3D220	3D22.0--J	135	D3	1.19	0.22
27.6	D3D270	3D27.0--J	170	D3	1.19	0.22
33.6	D3D330	3D33.0--J	215	D3	1.19	0.22
40.6	D3D400	3D40.0--J	275	D3	1.19	0.22

5-Groove						F = 7.50
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
12.6	D5D120	5D12.0-F	89	A2	3.06	1.84
13.6	D5D130	5D13.0-F	100	A2	3.06	1.84
14.1	D5D135	5D13.5--F	105	A2	3.06	1.84
14.6	D5D140	5D14.0-F	111	A2	3.06	1.84
15.1	D5D145	5D14.5-F	118	A2	3.06	1.84
15.6	D5D150	5D15.0-F	125	A2	3.06	1.84
16.1	D5D155	5D15.5-F	131	A2	3.06	1.84
16.6	D5D160	5D16.0-F	110	A3	3.06	1.84
17.6	D5D170	5D17.0-J	148	A3	1.56	1.91
18.6	D5D180	5D18.0-J	131	A3	1.56	1.91
20.6	D5D200	5D20.0-J	148	A3	1.56	0.16
22.6	D5D220	5D22.0-J	152	A3	0.16	0.16
27.6	D5D270	5D27.0-M**	250	A3	1.94	0.28
33.6	D5D330	5D33.0-M**	321	A3	1.94	0.28
40.6	D5D400	5D40.0--M**	424	A3	1.94	0.28
48.6	D5D480	5D48.0-M**	550	A3	1.94	0.28
58.6	D5D580	5D58.0--M**	600	A3	1.94	0.28

4-Groove						F = 6.06
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
12.6	D4D120	4D12.0--F	77	A2	2.31	1.09
13.6	D4D130	4D13.0--F	85	A2	2.31	1.09
14.1	D4D135	4D13.5-F	90	A2	2.31	1.09
14.6	D4D140	4D14.0--F	95	A2	2.31	1.09
15.1	D4D145	4D14.5-F	100	A2	2.31	1.09
15.6	D4D150	4D15.0--F	107	A2	2.31	1.09
16.1	D4D155	4D15.5--F	112	A2	2.31	1.09
16.6	D4D160	4D16.0-F	110	A3	2.31	1.09
17.6	D4D170	4D17.0-J	127	A3	2.56	1.16
18.6	D4D180	4D18.0-J	131	A3	2.56	1.16
20.6	D4D200	4D20.0-J	145	A3	2.56	1.16
22.6	D4D220	4D22.0--J	160	A3	1.56	0.16
27.6	D4D270	4D27.0--J	200	A3	1.56	0.16
33.6	D4D330	4D33.0-M**	285	B3	1.94	0.28
40.6	D4D400	4D40.0-M**	375	B3	1.94	0.28

6-Groove						F = 8.94
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K
12.6	D6D120	6D12.0-J	116	A1	3.31	1.91
13.6	D6D130	6D13.0-J	137	A1	3.31	1.91
14.1	D6D135	6D13.5-J	147	A1	3.31	1.91
14.6	D6D140	6D14.0--J	158	A1	3.31	1.91
15.1	D6D145	6D14.5-J	170	A1	3.31	1.91
15.6	D6D150	6D15.0-J	147	A2	3.31	1.91
16.1	D6D155	6D15.5-J	153	A2	3.31	1.91
16.6	D6D160	6D16.0-J	137	A3	3.31	1.91
17.6	D6D170	6D17.0-J	175	A3	3.31	1.91
18.6	D6D180	6D18.0--J	159	A3	3.31	1.91
20.6	D6D200	6D20.0-J	185	A3	3.31	1.91
22.6	D6D220	6D22.0-M**	225	A3	1.94	0.28
27.6	D6D270	6D27.0-M**	300	A3	1.94	0.28
33.6	D6D330	6D33.0-M**	350	A3	1.94	0.28
40.6	D6D400	6D40.0--M**	460	A3	1.94	0.28
48.6	D6D480	6D48.0-M**	600	A3	1.94	0.28
58.6	D6D580	6D58.0--N**	760	A3	1.94	0.19

P.D. for "D" Belts = O.D.

‡ Type 1 = Block Type, 2 = Web, 3 = Arm – See page PT7-2

** M-N-P-W are standard mounting only for these parts

SELECTION/DIMENSIONS



D QD SHEAVES - Standard Duty

8-Groove						F = 11.81	
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K	
12.6	D8D120	8D12.0-J	141	A1	3.56	2.16	
13.6	D8D130	8D13.0-J	163	A1	3.56	2.16	
14.1	D8D135	8D13.5-J	175	A1	3.56	2.16	
14.6	D8D140	8D14.0-J	187	A1	3.56	2.16	
15.1	D8D145	8D14.5-J	200	A1	3.56	2.16	
15.6	D8D150	8D15.0-J	183	A2	3.56	2.16	
16.1	D8D155	8D15.5-J	189	A2	3.56	2.16	
16.6	D8D160	8D16.0-J	197	A2	3.56	2.16	
17.6	D8D170	8D17.0-J	213	A2	3.56	2.16	
18.6	D8D180	8D18.0-M**	255	A2	3.94	2.28	
20.6	D8D200	8D20.0-M**	258	A2	3.94	2.28	
22.6	D8D220	8D22.0-M**	266	A3	1.94	0.28	
27.6	D8D270	8D27.0-M**	320	A3	1.94	0.28	
33.6	D8D330	8D33.0-M**	420	A3	1.94	0.28	
40.6	D8D400	8D40.0-N**	600	A3	2.19	0.13	
48.6	D8D480	8D48.0-N**	750	A3	2.19	0.13	
58.6	D8D580	8D58.0-N**	1000	A3	2.19	0.13	

12-Groove						F = 17.56	
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K	
12.6	D12D120	12D12.0--M**	187	A1	#N/A!	3.28	
13.6	D12D130	12D13.0--M**	234	A1	#N/A!	3.28	
14.1	D12D135	12D13.5--M**	252	A1	#N/A!	3.28	
14.6	D12D140	12D14.0--M**	271	A1	#N/A!	3.28	
15.1	D12D145	12D14.5-M**	290	A1	#N/A!	3.28	
15.6	D12D150	12D15.0--M**	310	A1	#N/A!	3.28	
16.1	D12D155	12D15.5--M**	330	A1	#N/A!	3.28	
16.6	D12D160	12D16.0--M**	352	A1	#N/A!	3.28	
17.6	D12D170	12D17.0--M**	365	A2	#N/A!	3.47	
18.6	D12D180	12D18.0-M**	391	A2	#N/A!	3.47	
20.6	D12D200	12D20.0-M**	401	A2	#N/A!	2.28	
22.6	D12D220	12D22.0--M**	365	A3	#N/A!	2.28	
27.6	D12D270	12D27.0--N**	505	A3	#N/A!	2.13	
33.6	D12D330	12D33.0--N**	590	A3	#N/A!	2.13	
40.6	D12D400	12D40.0--P**	925	A3	#N/A!	0.19	
48.6	D12D480	12D48.0--P**	1150	A3	#N/A!	0.19	
58.6	D12D580	12D58.0-P**	1500	A3	#N/A!	0.19	

P.D. for "D" Belts = O.D.

‡ Type 1 = Block Type, 2 = Web, 3 = Arm – See page PT7-2

** M-N-P-W are standard mounting only for these parts

10-Groove						F = 14.69	
O.D.Δ	Part No.	Description	Wt.	Type‡	M	K	
12.6	D10D120	10D12.0-M**	166	A1	3.94	2.28	
13.6	D10D130	10D13.0-M**	207	A1	3.94	2.28	
14.1	D10D135	10D13.5-M**	224	A1	3.94	2.28	
14.6	D10D140	10D14.0-M**	242	A1	3.94	2.28	
15.1	D10D145	10D14.5-M**	260	A1	3.94	2.28	
15.6	D10D150	10D15.0-M**	279	A1	3.94	2.28	
16.1	D10D155	10D15.5-M**	298	A1	3.94	2.28	
16.6	D10D160	10D16.0-M**	318	A1	3.94	2.28	
17.6	D10D170	10D17.0-M**	307	A2	3.94	2.28	
18.6	D10D180	10D18.0-M**	293	A2	3.94	2.28	
20.6	D10D200	10D20.0-M**	351	A2	3.94	2.28	
22.6	D10D220	10D22.0--M**	342	A3	2.94	1.28	
27.6	D10D270	10D27.0-M**	415	A3	2.94	1.28	
33.6	D10D330	10D33.0-N**	575	A3	3.40	1.34	
40.6	D10D400	10D40.0-N**	680	A3	3.40	1.34	
48.6	D10D480	10D48.0-P**	975	A3	2.57	0.19	
58.6	D10D580	10D58.0-P**	1250	A3	2.57	0.19	

V-Drives

FHP Drives

Drive Component
Accessories

DYNA-SYNC

HT200/HTD
Synchronous Drives

HT500
Synchronous Drives

Roller Chain Sprockets



SELECTION

Custom-Made Sheaves & Sprockets

V-Belt Sheaves & Synchronous Sprockets

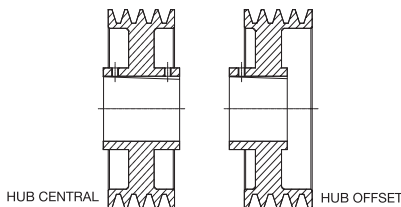
Standard stock products offer the best value for most power transmission operations. But, for requirements that cannot be served with stock products, DODGE manufactures custom-made sheaves and synchronous belt sprockets.

Custom Construction Options

- Non-stock pitch diameter
- Non-stock number of teeth
- Alternate hub location
- Special material: ductile, steel, aluminum, stainless steel etc.
- Alternate bushing or bore configuration for mounting product onto shaft
- Other non-standard requirements

Hub Locations

- Hub central
- Typical for larger diameter products
- Hub offset
- This location is preferred for wider face widths. It is positioned to accommodate the shaft and provides centralized sheave support
- Hub projection
- Required for access to setscrews on smaller bored-to-size products
- Special coating and plating



Materials

Stock sheaves, as well as synchronous sprockets, are manufactured typically from high quality gray iron. Frequently specified alternate materials are shown below.

Alternate Materials

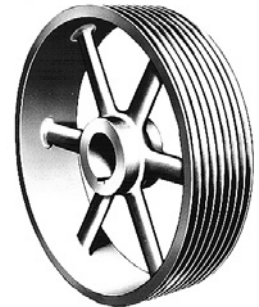
Material	Grade	Max. Rim Speed (Fpm)
GRAY IRON:	-	6,500
DUCTILE	65-45-12	8,000
IRON:	80-55-06	10,000
STEEL:	-	10,000

Dynamic (two-plane) balance normally required for rim speeds above 6,500 feet per minute (FPM).

Drives that exceed 8,000 FPM should be reviewed by DODGE Engineering.



Synchronous Sprockets



V-Belt Sheaves

Mounting Styles

Bored-to-size

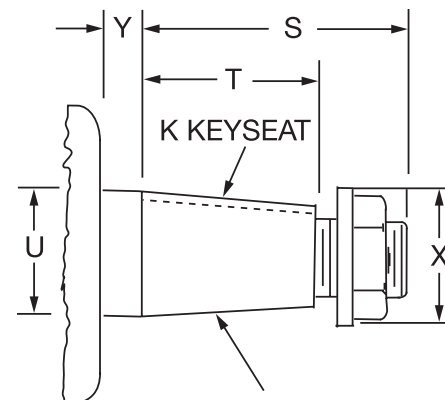
Required when rim diameter cannot accommodate the bushing that is required for the bore size. One keyseat, as well as one or two setscrews are usually specified.

Taper bushed

Specify TAPER-LOCK or QD bushing for required bore size. Verify that hub diameter accommodates bushing. Taper bushed mounting is preferred because this mounting compensates for variations in shaft diameter; provides tight, secure fit; and removes easily for servicing.

Taper bore

For use on taper shafts (sketch below). If hub is not central with face, specify which hub end takes large end of bore. Hub at small end will extend 1/8" beyond the "T" dimension. Keyways are standard size, as well as parallel with the taper, unless specified otherwise.

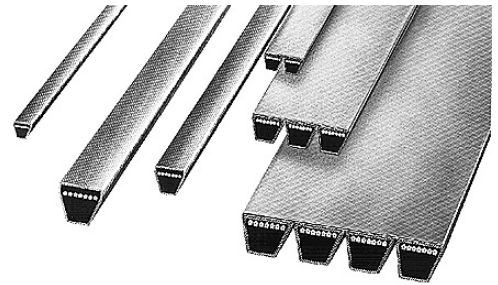




V-Belts

V-drives have been the mainstay of industrial power transmission for over 60 years. During this time, DODGE has been a major influence, designing and developing innovative concepts in V-belt sheaves and supplying the highest quality belts.

Today's V-drives offer quiet, efficient mechanical power transmission. They provide many thousands of hours of performance, even under conditions of shock load and normal drive misalignment. All of these benefits come at an economic value that is unsurpassed.



V-Drives

FHP Drives

Drive Component
Accessories

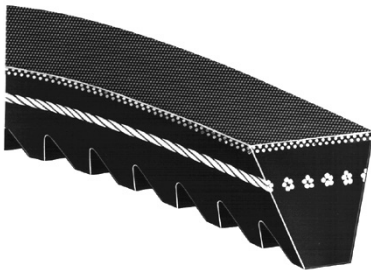
DYNA-SYNC

HT200/HTD
Synchronous Drives

HT500
Synchronous Drives

Roller Chain Sprockets

D-V WEDGE BELTS 3VX-5VX-8V



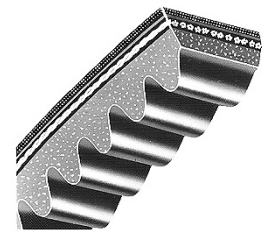
- Oil resistant and static conducting
- Permits compact, lighter weight drives flexibility
- High-strength tension member delivers maximum power with minimum stretch
- Built for long-term dimensional stability
- Molded cog construction under 200-inch belt length is reduced

S-L CLASSIC V-BELTS A-B-C-D-E



- Cable cord envelope construction
- Cool running and flexible
- Strong tensile cords minimize stretch
- Static conducting and heat and oil resistant
- More tolerant of shock loads

CLASSIC COG V-BELTS AX-BX-CX-DX



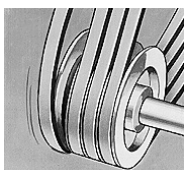
Deliver more horsepower and last longer than conventional belts...

- Fully notched cogs for maximum
- High coefficient rubber edge
- Oil resistant and static conducting
- Proven energy-saving design
- Outlasts conventional belts
- Fewer belts required - drive weight

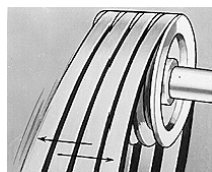
POLYBAND CLASSIC POLYBAND WEDGE V-BELTS



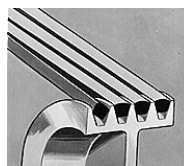
POLYBAND banded V-belts are engineered to handle those problem drives where vibration, sudden shock loads or misalignment causes belts to turn over, whip or jump off sheave. Two or more belts are inseparable joined together as one single unit. POLYBAND belts may be used without changing sheaves or altering the drive.



- NO JUMP OFF

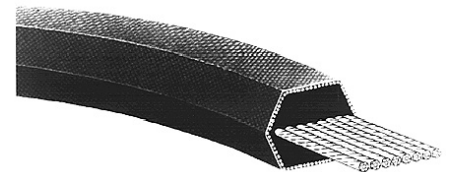


- NO WHIP



- NO TURN OVER

DOUBLE-V SEALED-LIFE (HEX)



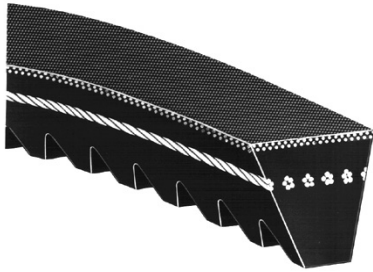
For serpentine drives

- Transmits power from both sides of belt
- Standard AA, BB, CC cross sections
- Runs in standard classical sheaves
- Oil resistant and static conducting



SELECTION

D-V Wedge Narrow Belts



Raw-Edge Molded Cog Construction

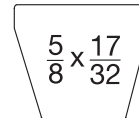


Wrapped Construction

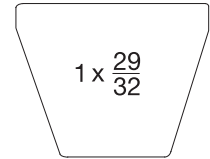
- Oil Resistant and Static Conducting
- Permits Compact, Lighter Weight Drives
- Hi-Strength Tension Member Delivers Maximum Power with Minimum Stretch
- Built for Long-Term Dimensional Stability.
- Matched to MPTA/RMA Standards. No additional matching or Matching Codes required.



3V
3VX



5V
5VX



8V
8VX

3VX				5VX, 5V								8VX, 8V			
Belt No.	Part No.	Wt.	Lgth. Δ	Belt No.	Part No.	Wt.	Lgth. Δ	Belt No.	Part No.	Wt.	Lgth. Δ	Belt No.	Part No.	Wt.	Lgth. Δ
3VX250	107150	0.11	25	5VX450		0.51	45	5VX900	107180	1.04	90	8VX1000	107200	2.97	100
3VX265	107220	0.11	27	5VX470		0.54	47	5VX930		1.07	93	8VX1060	107219	3.50	106
3VX280	107151	0.12	28	5VX490		0.56	49	5VX950	107195	1.10	95	8VX1120	107201	3.35	112
3VX300	107229	0.12	30	5VX500	107175	0.57	50	5VX960		1.11	96	8VX1180	107240	3.65	118
3VX315	107152	0.14	31.5	5VX510		0.59	51	5VX1000	107181	1.16	100	8VX1250	107202	3.98	125
3VX335	107230	0.14	33.5	5VX530	107233	0.61	53	5VX1030		1.18	103	8VX1320	107241	4.05	132
3VX355	107153	0.16	35.5	5VX540		0.63	54	5VX1060	107196	1.23	106	8VX1400	107203	4.16	140
3VX375	107166	0.16	37.5	5VX550		0.63	55	5VX1080		1.24	108	8VX1500	107242	4.69	150
3VX400	107154	0.16	40	5VX560	107176	0.64	56	5VX1120	107182	1.30	112	8VX1600	107204	5.30	160
3VX425	107167	0.17	42.5	5VX570		0.66	57	5VX1150		1.33	115	8VX1700	107243	5.27	170
3VX450	107155	0.54	45	5VX580		0.67	58	5VX1160		1.34	116	8VX1800	107205	5.73	180
3VX475	107221	0.20	47.5	5VX590		0.68	59	5VX1180	107197	1.37	118	8VX1900	107244	5.81	190
3VX500	107156	0.22	50	5VX600	107234	0.69	60	5VX1230		1.42	123	8VX2000	107206	6.05	200
3VX530	107222	0.21	53	5VX610		0.70	61	5VX1250	107183	1.45	125	8V2120	107245	6.80	212
3VX560	107157	0.22	56	5VX630	107177	0.73	63	5VX1320	107224	1.53	132	8V2240	107207	7.25	224
3VX600	107168	0.24	60	5VX650		0.75	65	5VX1400	107184	1.62	140	8V2360	107215	7.65	236
3VX630	107158	0.27	63	5VX660		0.75	66	5VX1500	107225	1.74	150	8V2500	107208	7.97	250
3VX670	107169	0.29	67	5VX670	107235	0.77	67	5VX1600	107185	1.86	160	8V2650	107246	8.52	265
3VX710	107159	0.31	71	5VX680		0.78	68	5VX1700	107226	1.97	170	8V2800	107209	8.95	280
3VX750	107170	0.30	75	5VX690		0.80	69	5VX1800	107186	2.10	180	8V3000	107216	10.05	300
3VX800	107160	0.33	80	5VX710	107178	0.82	71	5VX1900	107227	2.20	190	8V3150	107210	10.50	315
3VX850	107171	0.39	85	5VX730		0.84	73	5VX2000	107187	2.30	200	8V3350	107247	11.20	335
3VX900	107161	0.38	90	5VX740		0.85	74	5V2120	107228	2.50	212	8V3550	107211	11.90	355
3VX950	107172	0.40	95	5VX750	107193	0.87	75	5V2240	107188	2.60	224	8V3750	107218	12.60	375
3VX1000	107162	0.44	100	5VX780		0.90	78	5V2360	107236	2.74	236	8V4000	107212	13.40	400
3VX1060	107223	0.44	106	5VX800	107179	0.92	80	5V2500	107189	2.84	250	8V4250	107248	14.20	425
3VX1120	107163	0.46	112	5VX810		0.93	81	5V2650	107237	2.99	265	8V4500	107213	15.10	425
3VX1180	107231	0.50	118	5VX830		0.96	83	5V2800	107190	3.10	280	8V4750	107217	15.50	475
3VX1250	107164	0.54	125	5VX840		0.97	84	5V3000	107238	3.60	300	8V5000	107214	16.00	500
3VX1320	107232	0.57	132	5VX850	107194	0.98	85	5V3150	107191	3.80	315	----	----	----	----
3VX1400	107165	0.62	140	5VX860		0.99	86	5V3350	107239	4.00	335	----	----	----	----
3VX1500	107173	0.56	150	5VX880		1.02	88	5V3550	107192	4.30	355	----	----	----	----

Δ Outside circumference in inches



D-V Wedge Banded Belts



3VX POLYBAND Narrow Belts (2, 3, 4, 5, and 6 Bands)

Lgth. Δ	Belt No.	Wgt. Per Band	2-BAND P/N	3-BAND P/N	4-BAND P/N	5-BAND P/N	6-BAND P/N
25	R3VX250 Δ	0.10					
26.5	R3VX265 Δ	0.10					
28	R3VX280 Δ	0.10	108208	108209	108210	108211	
30	R3VX300 Δ	0.15	108212	108213	108214	108215	
31.5	R3VX315 Δ	0.15	108216	108217	108218	108219	
33.5	R3VX335 Δ	0.15	108220	108221	108222	108228	
35.5	R3VX355 Δ	0.15	108224	108225	108226	108227	
37.5	R3VX375 Δ	0.15	108228	108229	108230	108231	
40	R3VX400 Δ	0.20	108232	108233	108234	108235	
42.5	R3VX425 Δ	0.20	108236	108237	108238	108239	
45	R3VX450 Δ	0.20	108240	108241	108242	108243	
47.5	R3VX475 Δ	0.20	108244	108245	108246	108247	
50	R3VX500 Δ	0.20	108248	108249	108250	108251	
53	R3VX530 Δ	2.50	108252	108253	108254	108255	
56	R3VX560 Δ	2.50	108256	108257	108258	108259	
60	R3VX600 Δ	2.50	108260	108261	108262	108263	
63	R3VX630 Δ	0.30	108264	108265	108266	108267	
67	R3VX670 Δ	0.30	108268	108269	108270	108271	
71	R3VX710 Δ	0.30	108272	108273	108274	108275	
75	R3VX750 Δ	0.35	108276	108277	108278	108279	
80	R3VX800 Δ	0.35	108280	108281	108282	108283	
85	R3VX850 Δ	0.40	108284	108285	108286	108287	
90	R3VX900 Δ	0.40	108288	108289	108290	108291	
95	R3VX950 Δ	0.45	108292	108293	108294	108295	
100	R3VX1000 Δ	0.45	108296	108297	108298	108299	
106	R3VX1060 Δ	0.50	108300	108301	108302	108303	
112	R3VX1120 Δ	0.50	108304	108305	108306	108307	
118	R3VX1180 Δ	0.55	108308	108309	108310	108311	
125	R3VX1250 Δ	0.55	108312	108313	108314	108315	
132	R3VX1320 Δ	0.60	108316	108317	108318	108319	
140	R3VX1400 Δ	0.65	108320	108321	108322	108323	

Δ Outside circumference in inches

SELECTION



5VX, 5V POLYBAND Narrow Belts (2, 3, 4, 5, and 6 Bands)

Lgth. Δ	Belt No.	Wgt. Per Band	2-BAND P/N	3-BAND P/N	4-BAND P/N	5-BAND P/N	6-BAND P/N
50	R5VX500 Δ	0.65	108330				
53	R5VX530 Δ	0.65					
56	R5VX560 Δ	0.70	108338	108339	108340	108341	
60	R5VX600 Δ	0.75	108342	108343	108344	108345	
63	R5VX630 Δ	0.80	108346	108347	108348	108349	
67	R5VX670 Δ	0.85	108350	108351	108352	108353	
71	R5VX710 Δ	0.90	108354	108355	108356	108357	
75	R5VX750 Δ	0.95	108358	108359	108360	108361	
80	R5VX800 Δ	1.00	108362	108363	108364	108365	
85	R5VX850 Δ	1.10	108366	108367	108368	108369	
90	R5VX900 Δ	1.15	108370	108371	108372	108373	
95	R5VX950 Δ	1.20	108374	108375	108376	108377	
100	R5VX1000 Δ	1.30	108378	108379	108380	108381	
106	R5VX1060 Δ	1.35	108382	108383	108384	108385	
112	R5VX1120 Δ	1.45	108386	108387	108388	108389	
118	R5VX1180 Δ	1.50	108390	108391	108392	108393	
125	R5VX1250 Δ	1.60	108394	108395	108396	108397	
132	R5VX1320 Δ	1.70	108398	108399	108400	108401	
140	R5VX1400 Δ	1.80	108402	108403	108404	108405	108329
150	R5VX1500 Δ	1.90	108406	108407	108408	108409	
160	R5VX1600 Δ	2.05	108410	108411	108412	108413	
170	R5VX1700 Δ	2.20	108414	108415	108416	108417	
180	R5VX1800 Δ	2.30	108418	108419	108420	108421	
190	R5VX1900 Δ	2.45	108422	108423	108424	108425	
200	R5VX2000 Δ	2.55	108426	108427	108428	108429	
212	R5V2120 Δ	2.75	108430	108431	108432	108433	
224	R5V2240 Δ	2.90	108434	108435	108436	108437	
236	R5V2360 Δ	3.00	108438	108439	108440	108441	
250	R5V2500 Δ	3.20	108442	108443	108444	108445	
265	R5V2650 Δ	3.40	108446	108447	108448	108449	
280	R5V2800 Δ	3.60	108450	108451	108452	108453	
300	R5V3000 Δ	3.85	108454	108455	108456	108457	
315	R5V3150 Δ	4.05	108458	108459	108460	108461	
335	R5V3350 Δ	4.35	108462	108463	108464	108465	
355	R5V3550 Δ	4.70	108466	108467	108468	108469	

FOR 8V BELTS SEE NEXT PAGE

Δ Outside circumference in inches

SELECTION



8V POLYBAND Narrow Belts (2, 3, 4, 5, and 6 Bands)

Lgth. Δ	Belt No.	Wgt. Per Band	2-BAND P/N	3-BAND P/N	4-BAND P/N	5-BAND P/N	6-BAND P/N
100	R8V1000 Δ	3.3					
106	R8V1060 Δ	3.50	108486				
112	R8V1120 Δ	3.70	108489	108490	108491	108492	
118	R8V1180 Δ	3.80	108493	108494	108495	108496	
125	R8V1250 Δ	4.15	108498	108499	108500	108501	
132	R8V1320 Δ	4.35	108502	108503	108504	108505	
140	R8V1400 Δ	4.65	108507	108508	108509	108510	
150	R8V1500 Δ	5.00	108511	108512	108513	108514	
160	R8V1600 Δ	5.35	108515	108516	108517	108518	
170	R8V1700 Δ	5.70	108519	108520	108521	108522	
180	R8V1800 Δ	6.00	108524	108525	108526	108527	
190	R8V1900 Δ	6.35	108528	108529	108530	108531	
200	R8V2000 Δ	6.70	108533	108534	108535	108536	
212	R8V2120 Δ	7.10	108537	108538	108539	108540	108326
224	R8V2240 Δ	7.50	108542	108543	108544	108545	
236	R8V2360 Δ	7.90	108546	108547	108548	108549	
250	R8V2500 Δ	8.40	108550	108551	108552	108553	
265	R8V2650 Δ	8.90	108554	108555	108556	108557	
280	R8V2800 Δ	9.14	108559	108560	108561	108562	
300	R8V3000 Δ	10.10	108563	108564	108565	108566	108558
315	R8V3150 Δ	10.60	108567	108568	108569	108570	
335	R8V3350 Δ	11.30	108571	108572	108573	108574	
355	R8V3550 Δ	12.00	108576	108577	108578	108579	
375	R8V3750 Δ	12.65	108580	108581	108582	108583	
400	R8V4000 Δ	13.50	108585	108586	108587	108588	
425	R8V4250 Δ	14.35	108589	108590	108591	108592	
450	R8V4500 Δ	15.20	108594	108595	108596	108597	
475	R8V4750 Δ	16.05	108470	108471	108472	108473	
500	R8V5000 Δ	16.90	108474	108475	108476	108477	
560	R8V5600 Δ	18.90	108478	108479	108484	108488	
600	R8V6000 Δ	20.25					

Δ Outside circumference in inches

V-Drives

FHP Drives

Drive Component
Accessories

DYNA-SYNC

HT200/HTD
Synchronous Drives

HT500
Synchronous Drives

Roller Chain Sprockets



SELECTION

S-L Classic Belts



- Premium Performance at Standard Prices.
- Cool Running and Flexible.
- Strong Tensile Cords Remove Excess Stretch.
- Static Conducting and Heat and Oil Resistant.
- Matched to MPTA/RMA Standards - No additional matching or Match Codes required.

$$\frac{1}{2} \times \frac{5}{16}$$

A

$$\frac{21}{32} \times \frac{13}{32}$$

B

$$\frac{7}{8} \times \frac{17}{32}$$

C

$$1\frac{1}{4} \times \frac{3}{4}$$

D

$$1\frac{1}{2} \times \frac{29}{32}$$

E

Belt No.	Part No.	Wt.	Datum Lgth. Δ	Belt No.	Part No.	Wt.	Datum Lgth. Δ	Belt No.	Part No.	Wt.	Datum Lgth. Δ	Belt No.	Part No.	Wt.	Datum Lgth. Δ
AP21	107908	0.14	22.3	AP44	107324	0.30	45.3	AP67	107388	0.44	68.3	AP89	107922	0.57	90.3
AP22		0.15	23.3	AP45	107329	0.32	46.3	AP68	107016	0.80	69.3	AP90	107022	0.57	91.3
AP23		0.16	24.3	AP46	107007	0.31	47.3	AP69	107913	0.44	70.3	AP91	107923	0.57	92.3
AP24		0.17	25.3	AP47	107330	0.34	48.3	AP70	107252	0.46	71.3	AP92	107277	0.58	93.3
AP25		0.18	26.3	AP48	107008	0.34	49.3	AP71	107017	0.46	72.3	AP93	107430	0.58	94.3
AP26	107001	0.20	27.9	AP49	107272	0.34	50.3	AP72	107914	0.48	73.3	AP94	107924	0.60	95.3
AP27	107417	0.19	28.3	AP50	107331	0.35	51.3	AP73	107915	0.48	74.3	AP95	107925	0.62	96.3
AP28	107320	0.21	29.3	AP51	107009	0.36	52.3	AP74	107343	0.48	75.3	AP96	107023	0.65	97.3
AP29	107418	0.21	30.3	AP52	107332	0.38	53.3	AP75	107018	0.48	76.3	AP97	107926	0.65	98.3
AP30	107321	0.23	31.3	AP53	107010	0.37	54.3	AP76	107420	0.47	77.3	AP98	107431	0.70	99.3
AP31	107002	0.24	32.3	AP54	107250	0.38	55.3	AP77	107916	0.50	78.3	AP100	107346	0.67	101.3
AP32	107322	0.24	33.3	AP55	107011	0.38	56.3	AP78	107019	0.51	79.3	AP103		0.68	104.3
AP33	107003	0.25	34.3	AP56	107251	0.37	57.3	AP79	107917	0.52	80.3	AP105	107024	0.68	106.3
AP34	107278	0.26	35.3	AP57	107273	0.40	58.3	AP80	107020	0.51	81.3	AP110	107253	0.70	111.3
AP35	107004	0.26	36.3	AP58	107274	0.40	59.3	AP81	107276	0.52	82.3	AP112	107025	0.74	113.3
AP36	107270	0.27	37.3	AP59	107912	0.40	60.3	AP82	107918	0.55	83.3	AP120	107026	0.75	121.3
AP37	107129	0.27	38.3	AP60	107012	0.41	61.3	AP83	107344	0.50	84.3	AP128	107027	0.85	129.3
AP38	107005	0.26	39.3	AP61	107333	0.41	62.3	AP84	107919	0.53	85.3	AP136	107028	0.84	137.3
AP39	107323	0.29	40.3	AP62	107013	0.66	63.3	AP85	107021	0.55	86.3	AP144	107029	1.00	145.3
AP40	107271	0.29	41.3	AP63	107387	0.40	64.3	AP86	107920	0.56	87.3	AP158	107254	1.10	159.3
AP41	107419	0.29	42.3	AP64	107014	0.41	65.3	AP87	107921	0.58	88.3	AP173	107255	1.20	174.3
AP42	107006	0.27	43.3	AP65	107122	0.42	66.3	AP88	107345	0.60	89.3	AP180	107256	1.20	181.3
AP43	107249	0.31	44.3	AP66	107015	0.43	67.3								

Δ Datum Length in inches

SELECTION



S-L Classic Belts B, C, D, E S-L Classic Belts

Belt No.	Part No.	Wt.	Datum Lgth. Δ	Belt No.	Part No.	Wt.	Datum Lgth. Δ	Belt No.	Part No.	Wt.	Datum Lgth. Δ	Belt No.	Part No.	Wt.	Datum Lgth. Δ
B-Belts				B-Belts (Con't)				B-Belts (Con't)				C-Belts (Con't)			
BP25		0.28	26.8	BP78	107046	0.74	79.8	BP205	107353	2.00	206.8	CP330	107096	6.00	330.9
BP26		0.29	27.8	BP79	107257	0.80	80.8	BP210	107065	2.07	211.8	CP345	107097	6.30	345.9
BP28	107932	0.30	29.8	BP80	107047	0.85	81.8	BP225	107262	2.21	225.3	CP360	107098	7.40	360.9
BP29	107933	0.29	30.8	BP81	107048	0.82	82.8	BP240	107066	2.39	240.3	CP390	107099	7.10	390.9
BP30		0.30	31.8	BP82	107258	0.84	83.8	BP255	107263	2.56	255.3	CP420	107269	8.03	420.9
BP31		0.32	32.8	BP83	107049	0.79	84.8	BP270	107067	2.75	270.3	D-BELTS			
BP32	107389	0.36	33.8	BP84	107411	0.81	85.8	BP285	107264	2.70	285.3	DP120	107100	4.30	123.3
BP33		0.34	34.8	BP85	107050	0.87	86.8	BP300	107068	3.40	300.3	DP128	107101	4.60	131.3
BP34	107390	0.34	35.8	BP86	107434	0.84	87.8	BP315	107265	3.20	315.3	DP144	107102	5.10	147.3
BP35	107030	0.39	36.8	BP87	107296	0.87	88.8	C-BELTS				DP158	107103	5.58	161.3
BP36	107391	0.39	37.8	BP88	107297	0.87	89.8	CP51	107072	0.99	53.9	DP162	107104	5.65	165.3
BP37	107936	0.41	38.8	BP89	107938	0.90	90.8	CP55	107354	1.07	57.9	DP173	107105	11.00	176.3
BP38	107031	0.44	39.8	BP90	107051	0.94	91.8	CP60	107073	1.15	62.9	DP180	107106	6.35	183.3
BP39	107937	0.43	40.8	BP91	107939	0.87	92.8	CP68	107074	1.30	70.9	DP195	107107	6.90	198.3
BP40	107279	0.44	41.8	BP92	107940	0.90	93.8	CP71		1.34	73.9	DP210	107108	7.40	213.3
BP41	107280	0.45	42.8	BP93	107052	0.91	94.8	CP72	107699	1.36	74.9	DP225	107146	7.90	225.8
BP42	107032	0.44	43.8	BP94	107941	0.93	95.8	CP75	107075	1.42	77.9	DP240	107109	8.49	240.8
BP43	107349	0.46	44.8	BP95	107259	0.95	96.8	CP78	107124	1.49	80.9	DP255	107148	8.90	255.8
BP44	107281	0.50	45.8	BP96	107260	0.96	97.8	CP81	107076	1.50	83.9	DP270	107110	8.90	270.8
BP45	107433	0.48	46.8	BP97	107053	0.95	98.8	CP85	107077	1.65	87.9	DP285	107149	9.90	285.8
BP46	107033	0.49	47.8	BP98		0.96	99.8	CP90	107078	1.64	92.9	DP300	107111	10.30	300.8
BP47	107408	0.52	48.8	BP99	107128	0.99	100.8	CP96	107079	1.82	98.9	DP315	107112	11.00	315.8
BP48	107034	0.51	49.8	BP100	107069	1.02	101.8	CP97	107356	1.83	99.9	DP330	107113	11.50	330.8
BP49	107350	0.53	50.8	BP101		1.06	102.8	CP99	107361	1.86	101.9	DP345	107114	12.00	345.8
BP50	107282	0.54	51.8	BP103	107054	1.07	104.8	CP100	107126	1.88	102.9	DP360	107115	12.76	360.8
BP51	107035	0.51	52.8	BP105	107055	1.07	106.8	CP101		1.89	103.9	DP390	107116	13.60	390.8
BP52	107283	0.55	53.8	BP106		1.08	107.8	CP105	107080	1.90	107.9	DP420	107117	14.70	420.8
BP53	107036	0.57	54.8	BP108	107298	1.08	109.8	CP108	107363	1.90	110.9	DP450	107373	15.70	450.8
BP54	107284	0.59	55.8	BP111		1.15	112.8	CP109	107123	2.02	111.9	DP480	107118	16.80	480.8
BP55	107037	0.59	56.8	BP112	107056	1.14	113.8	CP111	107365	2.10	113.9	DP540	107119	18.90	540.8
BP56	107285	0.59	57.8	BP116	107412	1.18	117.8	CP112	107081	2.13	114.9	DP600	107120	20.90	600.8
BP57	107286	0.59	58.8	BP118		1.18	119.8	CP115	107364	2.26	117.9	DP660	107070	23.00	660.8
BP58	107287	0.61	59.8	BP120	107057	1.18	121.8	CP120	107082	2.22	122.9	E-BELTS			
BP59	107288	0.59	60.8	BP123		1.25	124.8	CP124	107127	2.42	126.9	EP144		8.00	148.5
BP60	107038	0.60	61.8	BP124	107299	1.26	125.8	CP128	107083	2.35	130.9	EP180	107131	9.40	184.5
BP61	107289	0.61	62.8	BP126		1.25	127.8	CP136	107084	2.56	138.9	EP195	107132	10.10	199.5
BP62	107039	0.62	63.8	BP128	107058	1.28	129.8	CP144	107085	2.64	146.9	EP210	107133	10.90	214.5
BP63	107290	0.63	64.8	BP130		1.35	131.8	CP148		2.80	150.9	EP225		12.10	229.5
BP64	107040	0.64	65.8	BP133	107261	1.38	134.8	CP150	107957	2.82	152.9	EP240	107135	12.20	241.5
BP65	107041	0.65	66.8	BP136	107059	1.34	137.8	CP158	107086	3.01	160.9	EP270		14.50	271.5
BP66	107042	0.66	67.8	BP140		1.43	141.8	CP162	107087	3.09	164.9	EP300	107137	15.30	301.0
BP67	107291	0.69	68.8	BP144	107060	1.45	145.8	CP173	107088	3.39	175.9	EP330	107138	16.80	331.0
BP68	107043	0.67	69.8	BP148	107351	1.39	149.8	CP180	107089	3.47	182.9	EP360	107139	18.30	361.0
BP69	107409	0.70	70.8	BP150	107000	1.49	151.8	CP195	107090	3.65	197.9	EP390	107140	19.80	391.0
BP70	107275	0.72	71.8	BP154		1.54	155.8	CP210	107091	8.03	212.9	EP420	107141	21.40	421.0
BP71	107044	0.69	72.8	BP158	107061	1.55	159.8	CP225	107266	4.16	225.9	EP480	107142	27.00	481.0
BP72	107292	0.73	73.8	BP162	107125	1.58	163.8	CP240	107092	4.31	240.9	EP540	107143	30.00	541.0
BP73	107293	0.73	74.8	BP173	107062	1.69	174.8	CP255	107267	4.70	255.9	EP600	107144	34.00	601.0
BP74	107294	0.73	75.8	BP180	107063	1.72	181.8	CP270	107093	5.03	270.9	EP660	107174	36.00	661.0
BP75	107045	0.78	76.8	BP190	107352	1.85	191.8	CP285	107268	5.20	285.9	Δ Datum Length in inches			
BP76	107410	0.76	77.8	BP191		1.95	192.8	CP300	107094	5.50	300.9				
BP77	107295	0.76	78.8	BP195	107064	2.00	196.8	CP315	107095	5.80	315.9				

◇ E-BELTS: Recommended for Replacement Only - Not for New Drives (Use 8V Belts)



SELECTION

S-L Classic Banded Belts B POLYBAND Classic Belts (2, 3, 4 and 5 Bands)

Datum Lgth. Δ	Belt. No.	Wgt. per Band	2-Band P/N	3-Band P/N	4-Band P/N	5-Band P/N
36.8	RBP35 Δ	0.50				
39.8	RBP38 Δ	0.55				
41.8	RBP40 Δ	0.55				
42.8	RBP41 Δ	0.55				
43.8	RBP42 Δ	0.60	107308	107309	107310	107311
44.8	RBP43 Δ	0.60	107421	107451	107452	107453
45.8	RBP44 Δ	0.60				
47.8	RBP46 Δ	0.65	107312	107313	107314	107315
49.8	RBP48 Δ	0.65	107316	107317	107318	107319
50.8	RBP49 Δ	0.70				
51.8	RBP50 Δ	0.70	107454	107455	107464	107465
52.8	RBP51 Δ	0.70	107325	107326	107327	107328
53.8	RBP52 Δ	0.70	107466	107467	107468	107481
54.8	RBP53 Δ	0.75	107334	107335	107336	107337
55.8	RBP54 Δ	0.75	107482	107483	107484	107485
56.8	RBP55 Δ	0.75	107338	107339	107340	107341
57.8	RBP56 Δ	0.75	107494	107495	107496	107497
58.8	RBP57 Δ	0.80	107498	107503	107504	107505
59.8	RBP58 Δ	0.80	107506	107507	107520	107521
60.8	RBP59 Δ	0.80	107522	107523	107524	107541
61.8	RBP60 Δ	0.85	107357	107358	107359	107360
62.8	RBP61 Δ	0.85	107542	107543	107544	107545
63.8	RBP62 Δ	0.85	107366	107367	107368	107369
64.8	RBP63 Δ	0.85	107550	107551	107552	107553
65.8	RBP64 Δ	0.90	107375	107376	107377	107378
66.8	RBP65 Δ	0.90	107379	107380	107381	107382
67.8	RBP66 Δ	0.90	107383	107384	107385	107386
68.8	RBP67 Δ	0.90	107554	107563	107564	107565
69.8	RBP68 Δ	0.90	107392	107393	107394	107395
71.8	RBP70 Δ	0.95	107396	107397	107398	107399
72.8	RBP71 Δ	0.95	107400	107401	107402	107403
73.8	RBP72 Δ	1.00	107566	107567	107568	107569
74.8	RBP73 Δ	1.00	107660	107651	107652	107653
75.8	RBP74 Δ	1.00	107654	107659	107660	107661
75.8	RBP75 Δ	1.00	107404	107405	107406	107407
78.8	RBP77 Δ	1.05	107662	107663	107668	107669
79.8	RBP78 Δ	1.05	107413	107414	107415	107416
80.8	RBP79 Δ	1.10	107670	107671	107672	107677
81.8	RBP80 Δ	1.10	107422	107423	107424	107425
82.8	RBP81 Δ	1.10	107426	107427	107428	107429
83.8	RBP82 Δ	1.10	107678	107894	107895	107896
84.8	RBP83 Δ	1.15	107435	107436	107437	107438
86.8	RBP85 Δ	1.15	107439	107440	107441	107442
88.8	RBP87 Δ	1.20	107897	107898	107899	107942
89.8	RBP88 Δ	1.20	107943	107944	107948	107949
91.8	RBP90 Δ	1.20	107443	107444	107445	107446
94.8	RBP93 Δ	1.25	107447	107448	107449	107450
96.8	RBP95 Δ	1.30	107950	107951	107952	107953
97.8	RBP96 Δ	1.30	107456	107457	107458	107459
98.8	RBP97 Δ	1.30	107460	107461	107462	107463

Δ Datum Length in inches



S-L Classic Banded Belts

B POLYBAND Classic Belts (2, 3, 4 and 5 Bands) (Cont'd)

Datum Lgth. Δ	Belt. No.	Wgt. per Band	2-Band P/N	3-Band P/N	4-Band P/N	5-Band P/N
100.8	RBP99 Δ	1.35	107954	107955	107956	107979
101.8	RBP100 Δ	1.35	107469	107470	107471	107472
104.8	RBP103 Δ	1.40	107473	107474	107475	107476
106.8	RBP105 Δ	1.45	107477	107478	107479	107480
109.8	RBP108 Δ	1.45	107980	107981	107982	107983
113.8	RBP112 Δ	1.50	107486	107487	107488	107489
121.8	RBP120 Δ	1.65	107490	107491	107492	107493
125.8	RBP124 Δ	1.70	107984	107985	107986	107987
129.8	RBP128 Δ	1.75	107499	107500	107501	107502
134.8	RBP133 Δ	1.80	107988	107989	107990	107991
137.8	RBP136 Δ	1.85	107508	107509	107510	107511
145.8	RBP144 Δ	1.95	107512	107513	107514	107515
149.8	RBP148 Δ	2.00	107992	107993	107994	107995
159.8	RBP158 Δ	2.15	107516	107517	107518	107519
163.8	RBP162 Δ	2.20	107996	107997	107998	108765
174.8	RBP173 Δ	2.35	107525	107526	107527	107528
181.8	RBP180 Δ	2.45	107529	107530	107531	107532
196.8	RBP195 Δ	2.65	107533	107534	107535	107536
211.8	RBP210 Δ	2.85	107537	107538	107539	107540
225.3	RBP225 Δ	3.00	108766	108767	108768	108769
240.3	RBP240 Δ	3.20	107546	107547	107548	107549
255.3	RBP255 Δ	3.40	108770	108771	108772	108773
270.3	RBP270 Δ	3.60	107555	107556	107557	107558
285.3	RBP285 Δ	3.80				
300.3	RBP300 Δ	4.00	107559	107560	107561	107562
315.3	RBP315 Δ	4.20	108774	108775	108776	108777

V-Drives

FHP Drives

Drive Component
Accessories

DYNA-SYNC

HT200/HTD
Synchronous DrivesHT500
Synchronous Drives

Roller Chain Sprockets



SELECTION

S-L Classic Banded Belts C POLYBAND Classic Belts (2, 3, 4 and 5 Bands)

Datum Lgth. Δ	Belt. No.	Wgt. per Band	2-Band P/N	3-Band P/N	4-Band P/N	5-Band P/N
53.9	RCP51 Δ	1.20				
57.9	RCP55 Δ	1.30				
62.9	RCP60 Δ	1.40	107574	107575	107576	107577
70.9	RCP68 Δ	1.55	107578	107579	107580	107581
73.9	RCP71 Δ	1.65				
77.9	RCP75 Δ	1.70	107582	107583	107584	107585
83.9	RCP81 Δ	1.85	107586	107587	107588	107589
87.9	RCP85 Δ	1.95	107590	107591	107592	107593
92.9	RCP90 Δ	2.05	107594	107595	107596	107597
98.9	RCP96 Δ	2.20	107598	107599	107600	107601
99.9	RCP97 Δ	2.20				
101.9	RCP99 Δ	2.25	108778	108779	108780	108781
102.9	RCP100 Δ	2.30				
107.9	RCP105 Δ	2.40	107602	107603	107604	107605
110.9	RCP108 Δ	2.45	108782	108783	108784	108785
111.9	RCP109 Δ	2.50	108786	108787	108788	108789
114.9	RCP112 Δ	2.55	107606	107607	107608	107609
122.9	RCP120 Δ	2.70	107610	107611	107612	107613
126.9	RCP124 Δ	2.80	108790	108791	108792	108793
130.9	RCP128 Δ	2.80	107614	107615	107616	107617
138.9	RCP136 Δ	3.05	107618	107619	107620	107621
146.9	RCP144 Δ	3.25	107622	107623	107624	107625
160.9	RCP158 Δ	3.55	107626	107627	107628	107629
164.9	RCP162 Δ	3.65	107630	107631	107632	107633
175.9	RCP173 Δ	3.90	107634	107635	107636	107637
182.9	RCP180 Δ	4.05	107638	107639	107640	107641
197.9	RCP195 Δ	4.40	107642	107643	107644	107645
212.9	RCP210 Δ	4.70	107646	107647	107648	107649
225.9	RCP225 Δ	5.00	107679	107680	107681	107682
240.9	RCP240 Δ	5.35	107655	107656	107657	107658
255.9	RCP255 Δ	5.65	107684	107685	107686	107687
270.9	RCP270 Δ	6.00	107664	107665	107666	107667
285.9	RCP285 Δ	6.35	107689	107690	107691	107692
300.9	RCP300 Δ	6.65	107673	107674	107675	107676
315.9	RCP315 Δ	7.00	108794	108795	108796	108797
330.9	RCP330 Δ	7.35	108798	108799	108876	108877
345.9	RCP345 Δ	7.65	108878	108879	108880	108881
360.9	RCP360 Δ	8.00	108882	108883	108884	108885
390.9	RCP390 Δ	8.65	108886	108887	108888	108889
420.9	RCP420 Δ	9.35	108890	108891	108892	108893

Δ Datum Length in inches

SELECTION



S-L Classic Banded Belts D POLYBAND Classic Belts (2, 3, 4 and 5 Bands)

Datum Lgth. Δ	Belt. No.	Wgt. per Band	2-Band P/N	3-Band P/N	4-Band P/N	5-Band P/N
123.3	RDP120 Δ	5.05	107700	107701	107702	107703
131.3	RDP128 Δ	5.40				
147.3	RDP144 Δ	6.05	107708	107709	107710	107711
161.3	RDP158 Δ	6.65	107712	107713	107714	107715
165.3	RDP162 Δ	6.80	107716	107717	107718	107719
176.3	RDP173 Δ	7.25	107720	107721	107722	107723
183.3	RDP180 Δ	7.50	107724	107725	107726	107727
198.3	RDP195 Δ	8.15	107728	107729	107730	107731
213.3	RDP210 Δ	8.75	107732	107733	107734	107735
225.8	RDP225 Δ	9.30	107736	107737	107738	107739
240.8	RDP240 Δ	9.90	107741	107742	107743	107744
255.8	RDP255 Δ	10.50	107745	107746	107747	107748
270.8	RDP270 Δ	11.15	107750	107751	107752	107753
285.8	RDP285 Δ	11.75	107754	107755	107756	107757
300.8	RDP300 Δ	12.35	107759	107760	107761	107762
315.8	RDP315 Δ	13.00	107777	107778	107779	107780
330.8	RDP330 Δ	13.60	107781	107782	107783	107784
345.8	RDP345 Δ	14.20	107695	107696	107697	107698
360.8	RDP360 Δ	14.85	107960	107961	107962	107963
390.8	RDP390 Δ	16.10	107764	107765	107766	107767
420.8	RDP420 Δ	17.30	107769	107770	107771	107772
450.8	RDP450 Δ	18.55	107964	107965	107966	107967
480.8	RDP480 Δ	19.80	107773	107774	107775	107776
540.8	RDP540 Δ	22.25		107968	107969	107970
600.8	RDP600 Δ	24.70	107971	107972	107973	107974
660.8	RDP660 Δ	27.15	107975	107976	107977	107978

Δ Datum Length in inches

V-Drives

FHP Drives

Drive Component
Accessories

DYNA-SYNC

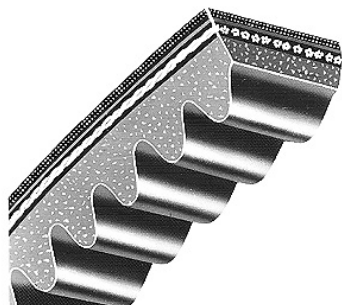
HT200/HTD
Synchronous Drives

HT500
Synchronous Drives

Roller Chain Sprockets



Classic Cog Belts



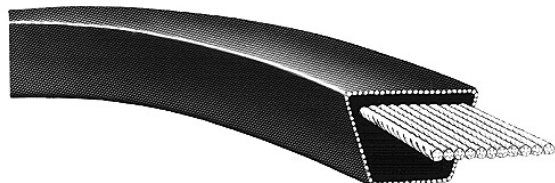
Deliver more horsepower and last longer than conventional belts

- Fully notched cogs for maximum flexibility.
- High coefficient, energy-efficient rubber edge.
- Proven energy-saving design.
- Outlast conventional belts.
- Fewer belts required - drive weight is reduced.
- Matched to MPTA/RMA Standards - No Additional matching or Match Codes Required

Belt No.	Part No.	Wt.	Datum Lgth.	Belt No.	Part No.	Wt.	Datum Lgth.	Belt No.	Part No.	Wt.	Datum Lgth.	Belt No.	Part No.	Wt.	Datum Lgth.
AX BELTS				AX BELTS (CON'T)				BX-BELTS (CON'T)				BX BELTS (CON'T)			
AX25	108867	.17	26.3	AX105	108670	.68	106.3	BX78	108702	.86	79.8	BX270	108735	2.65	270.3
AX26	108640	.18	27.3	AX110	108671	.71	111.3	BX79	108703	.87	80.8	BX300	108637	3.0	300.3
AX27	108868	.19	28.3	AX112	108672	.73	113.3	BX80	108704	.88	81.8	CX-BELTS			
AX31	108641	.21	32.3	AX120	108673	.74	121.3	BX81	108705	.89	82.8	CX51	108736	1.07	53.9
AX32	108869	.21	33.3	AX128	108674	.78	129.3	BX82	108706	.90	83.8	CX60	108737	1.24	62.9
AX33	108642	.22	34.3	AX136	108675	.98	137.3	BX83	108707	.91	84.8	CX68	108738	1.39	70.9
AX34	108643	.23	35.3	BX-BELTS				BX85	108708	.93	86.8	CX75	108739	1.53	77.9
AX35	108644	.24	36.3	BX35	108676	.40	36.8	BX90	108709	.98	91.8	CX81	108740	1.64	83.9
AX36	108645	.24	37.3	BX38	108677	.43	39.8	BX93	108710	1.01	94.8	CX85	108741	1.72	87.9
AX37	108646	.25	38.3	BX42	108678	.48	43.8	BX95	108711	1.03	96.8	CX90	108742	1.81	92.9
AX38	108647	.26	39.3	BX46	108679	.52	47.8	BX96	108712	1.05	97.8	CX96	108743	1.93	98.9
AX42	108648	.28	43.3	BX48	108680	.54	49.8	BX97	108713	1.06	98.8	CX105	108744	2.10	107.9
AX43	108649	.29	44.3	BX50	108681	.56	51.8	BX99	108714	1.08	100.8	CX109	108745	2.18	111.9
AX46	108650	.31	47.3	BX51	108682	.57	52.8	BX100	108715	1.09	101.8	CX112	108746	2.24	114.9
AX48	108651	.32	49.3	BX52	108683	.58	53.8	BX103	108716	1.12	104.8	CX115	108747	2.29	117.9
AX51	108652	.34	52.3	BX53	108684	.59	54.8	BX105	108717	1.14	106.8	CX120	108748	2.39	122.9
AX53	108653	.35	54.3	BX54	108685	.60	55.8	BX112	108718	1.21	113.8	CX128	108749	2.42	130.9
AX54	108654	.36	55.3	BX55	108686	.61	56.8	BX113	108719	1.22	114.8	CX136	108750	2.49	138.9
AX55	108655	.36	56.3	BX56	108687	.62	57.8	BX116	108720	1.26	117.8	CX144	108751	2.63	146.9
AX56	108656	.37	57.3	BX59	108688	.66	60.8	BX120	108721	1.30	121.8	CX150	108752	2.74	152.9
AX60	108657	.40	61.3	BX60	108689	.67	61.8	BX124	108722	1.26	125.8	CX158	108753	2.88	160.9
AX62	108658	.41	63.3	BX61	108690	.68	62.8	BX128	108723	1.30	129.8	CX162	108754	2.95	164.9
AX64	108659	.42	65.3	BX62	108691	.69	63.8	BX133	108724	1.34	134.8	CX173	108755	3.15	175.9
AX66	108660	.43	67.3	BX63	108692	.70	64.8	BX136	108725	1.37	137.8	CX180	108756	3.27	182.9
AX68	108661	.45	69.3	BX64	108693	.71	65.8	BX144	108726	1.45	145.8	CX195	108757	3.54	197.9
AX70	108662	.46	71.3	BX65	108694	.72	66.8	BX150	108727	1.51	151.8	CX210	108758	3.77	212.9
AX71	108663	.47	72.3	BX66	108695	.73	67.8	BX158	108728	1.59	159.8	CX225	108896	4.0	227.9
AX75	108664	.49	76.3	BX67	108696	.74	68.8	BX162	108729	1.63	163.8	CX240	108759	4.30	240.9
AX78	108665	.51	79.3	BX68	108697	.75	69.8	BX173	108730	1.74	174.8	CX270	108760	4.83	270.9
AX80	108666	.52	81.3	BX70	108698	.77	71.8	BX180	108731	1.81	181.8	CX285	108638	4.7	285.9
AX85	108667	.55	86.3	BX71	108699	.78	72.8	BX195	108732	1.96	196.8	CX300	108639	4.9	300.9
AX90	108668	.59	91.3	BX75	108700	.82	76.8	BX210	108733	2.09	211.8	CX330	108762	5.3	330.9
AX96	108669	.62	97.3	BX77	108701	.85	78.8	BX240	108734	2.36	240.3	CX360	108764	5.8	360.9



Double-V (Hex) Belts



- For Serpentine Drives
- Static Conducting
- Oil Resistant

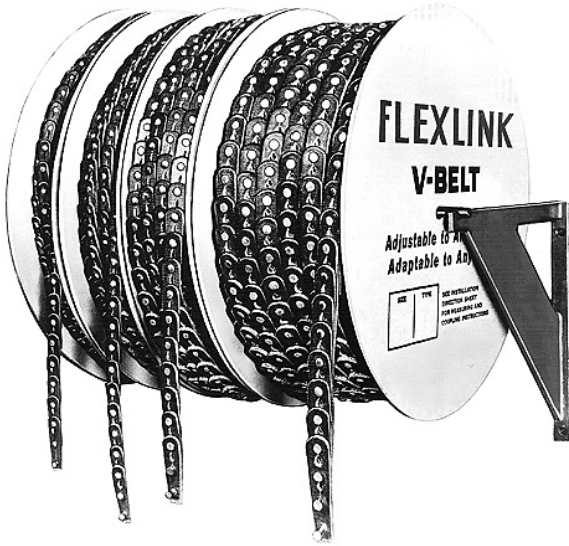
AA, BB, CC, Double-V (Hex) Belts

Belt No.	Part No.	Wt.	Datum Lgth.	Belt No.	Part No.	Wt.	Datum Lgth.	Belt No.	Part No.	Wt.	Datum Lgth.	Belt No.	Part No.	Wt.	Datum Lgth.
AA BELTS				BB BELTS (CON'T.)				BB BELTS (CON'T.)				CC BELTS			
AA51	109125	0.50	53.1	BB73	109209	3.30	75.9	BB140	109223	2.00	142.9	CC75	109235	1.72	79.2
AA55	109087	0.60	57.1	BB74	109210	1.20	76.9	BB144	109091	2.00	146.9	CC81	109153	1.80	85.2
AA60	109126	0.50	62.1	BB75	109138	1.00	77.9	BB155	109202	2.00	157.9	CC85	109154	1.90	89.5
AA62		0.50	64.1	BB76		1.00	78.9	BB157		2.10	159.9	CC90	109155	2.00	94.2
AA64	109120	0.70	66.1	BB77		1.10	79.9	BB158	109092	2.10	160.9	CC96	109156	2.20	100.2
AA66	109121	0.70	68.1	BB81	109139	1.10	83.9	BB160		2.20	162.9	CC105	109157	2.40	109.2
AA68	109127	0.50	70.1	BB83	109211	1.10	85.9	BB162		2.20	164.9	CC112	109158	2.50	116.2
AA70	109122	0.70	72.1	BB85	109140	1.20	87.9	BB168		2.30	170.9	CC119		2.60	123.2
AA75	109128	0.60	77.1	BB89		1.20	91.9	BB169		2.30	171.9	CC120	109159	2.70	124.2
AA78	109123	0.90	80.1	BB90	109141	1.20	92.9	BB170		2.30	172.9	CC128	109160	2.90	132.2
AA80	109129	0.60	82.1	BB92	109197	1.20	94.9	BB173	109093	2.30	175.9	CC136	109236	3.26	140.2
AA85	109130	0.71	87.1	BB93	109198	1.20	95.9	BB180	109094	2.40	182.9	CC144	109161	3.20	148.2
AA90	109131	0.80	92.1	BB94	109199	1.20	96.9	BB182		2.40	184.9	CC148	109237	3.54	152.2
AA92		0.80	94.1	BB96		1.30	98.9	BB190		2.60	192.9	CC158	109162	3.50	162.2
AA96	109132	0.80	98.1	BB97	109142	1.30	99.9	BB195	109148	2.60	197.9	CC162	109163	3.80	166.2
AA105	109133	0.90	107.1	BB103	109213	1.66	105.9	BB210	109149	2.60	212.9	CC173	109164	3.80	177.2
AA112	109134	0.80	114.1	BB105	109143	1.40	107.9	BB225		3.00	226.4	CC180	109165	4.00	184.2
AA120	109135	0.90	122.1	BB107	109214	1.71	109.9	BB226	109203	3.00	227.4	CC195	109166	4.30	199.2
AA128	109136	0.90	130.1	BB108	109215	1.74	110.9	BB228	109204	3.00	229.4	CC210	109167	4.70	214.2
BB-BELTS				BB111	109200	1.40	113.9	BB230	109205	3.10	231.4	CC225		5.20	229.2
BB42	109192	0.60	44.9	BB112	109144	1.60	114.9	BB240	109150	3.20	241.4	CC240	109168	5.20	242.2
BB43	109193	0.60	45.9	BB116	109216	1.60	118.9	BB250		3.20	251.4	CC255		5.90	259.2
BB45	109206	0.60	47.9	BB117		1.60	119.9	BB267		3.20	268.4	CC270	109169	5.90	272.2
BB51	109088	0.80	53.9	BB118	109218	1.90	120.9	BB270	109151	3.60	271.4	CC300	109170	6.50	302.2
BB53		0.80	55.9	BB120	109145	1.60	122.9	BB273		3.60	274.4	CC330	109171	7.20	332.2
BB54		0.80	56.9	BB122		1.70	124.9	BB277		3.60	278.4	CC360	109172	7.80	362.2
BB55	109089	0.80	57.9	BB123	109219	1.70	125.9	BB278		3.70	279.4	CC390	109189	8.50	392.2
BB60	109090	0.90	62.9	BB124	109220	1.70	126.9	BB285		3.90	286.4	CC420	109188	9.10	422.2
BB64		0.90	66.9	BB128	109146	1.80	130.9	BB300		4.00	301.4				
BB68	109137	0.90	70.9	BB129	109221	1.80	131.9	BB360		4.50	361.4				
BB71	109196	1.00	73.9	BB130	109222	1.80	132.9								
BB72	109208	1.17	74.9	BB136	109201	1.80	138.9								



SELECTION

FLEXLINK Belting



Belt Selection	Belt Width	Min. Recommended Sheave Pitch Dia.	Part No. Per Foot*	Wt. Per Ft.
0/3L	3/8	2"	109076	.14
A/4L	1/2	2"	109084	.15
B/5L	21/32	4"	109085	.19
C	7/8	6"	109086	.35

* 100 Ft reel available

FLEXLINK BELT APPLICATION GUIDELINES

1. To obtain link belt length, multiply desired pitch length by .916. This provides correct belt length for initial run-in and seating of belt.
2. For matched sets of link belts, use the same number of links on each belt.
3. Do not use link belting above 5000 FPM belt speed.
Belt speed = .262 x RPM x pitch diameter of sheave.
4. **Note:** Link belting is not static conducting.
Important -
For matched sets of link belts use same number of links on each belt.

- Fast installation, installs in a snap
- Adjustable to any length, adaptable to any drive
- Reduces vibration
- Long-lasting construction
- Reduces inventory - one reel can replace many sizes of standard belting
- Oil proof construction
- Order by the foot or by the reel.

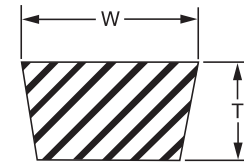
SELECTION



FHP Belts



- Oil Resistant
- Static Conducting
- For Fractional HP Single Drive Belts
- Belt Number Indicates Pi8tch Length (eg 4L270 = 27")



Belt Sect.	W	T
3L	3/8	7/32
4L	1/2	5/16
5L	21/32	3/8

3L, 4L, 5L FHP Belts

Belt No.	Part No.	Wt.	Belt No.	Part No.	Wt.	Belt No.	Part No.	Wt.	Belt No.	Part No.	Wt.
3L BELTS			3L BELTS (CON'T)			4L BELTS (CON'T)			5L BELTS (CON'T)		
3L150	108150	.05	3L620	108604	.19	4L590	108043	.32	5L400	108096	.38
3L160	108151	.05	3L630	108805	.19	4L600	108044	.33	5L410	108097	.38
3L170	108152	.05	4L BELTS			4L610	108045	.33	5L420	108098	.40
3L180	108153	.06	4L170	108614	.09	4L620	108046	.34	5L430	108099	.41
3L190	108154	.06	4L180	108001	.09	4L630	108047	.35	5L440	108100	.42
3L200	108155	.06	4L188	108836	.09	4L640	108048	.35	5L450	108101	.43
3L210	108156	.06	4L190	108002	.10	4L650	108049	.36	5L460	108102	.44
3L220	108157	.07	4L200	108003	.10	4L660	108050	.36	5L470	108103	.45
3L230	108158	.07	4L210	108004	.11	4L670	108051	.37	5L480	108104	.46
3L240	108159	.07	4L220	108005	.11	4L680	108052	.37	5L490	108105	.47
3L250	108160	.08	4L230	108006	.12	4L690	108053	.38	5L500	108106	.48
3L260	108161	.08	4L240	108007	.12	4L700	108054	.38	5L510	108107	.49
3L270	108162	.08	4L250	108008	.13	4L710	108055	.39	5L520	108108	.50
3L280	108163	.09	4L260	108009	.13	4L720	108056	.40	5L530	108109	.51
3L290	108164	.09	4L270	108010	.14	4L730	108057	.40	5L540	108110	.52
3L300	108165	.09	4L275	108841	.14	4L740	108058	.41	5L550	108111	.53
3L310	108166	.10	4L280	108011	.15	4L750	108059	.41	5L560	108112	.54
3L320	108167	.10	4L290	108012	.16	4L760	108060	.42	5L570	108113	.55
3L330	108168	.10	4L300	108013	.16	4L770	108061	.42	5L575	108873	.55
3L340	108169	.10	4L310	108014	.17	4L780	108062	.43	5L580	108114	.56
3L350	108170	.11	4L320	108015	.18	4L790	108063	.43	5L590	108115	.57
3L360	108171	.11	4L330	108016	.18	4L800	108064	.44	5L600	108116	.58
3L370	108172	.11	4L340	108018	.19	4L810	108615	.44	5L610	108117	.59
3L380	108173	.12	4L350	108019	.19	4L820	108065	.45	5L620	108118	.60
3L390	108174	.12	4L360	108020	.20	4L830	108616	.46	5L630	108119	.61
3L400	108175	.12	4L370	108021	.20	4L840	108066	.46	5L640	108120	.61
3L410	108176	.13	4L380	108022	.21	4L850	108617	.47	5L650	108121	.62
3L420	108177	.13	4L390	108023	.21	5L BELTS			5L660	108122	.63
3L430	108178	.13	4L400	108024	.22	5L230	108625	.21	5L670	108123	.64
3L440	108179	.14	4L410	108025	.23	5L240	108080	.20	5L680	108124	.65
3L450	108180	.14	4L420	108026	.23	5L250	108081	.20	5L690	108125	.66
3L460	108181	.14	4L430	108027	.24	5L260	108082	.20	5L700	108126	.67
3L470	108182	.15	4L440	108028	.24	5L265	108070	.21	5L710	108127	.68
3L480	108183	.15	4L450	108029	.25	5L270	108083	.21	5L720	108128	.69
3L490	108184	.15	4L460	108030	.25	5L280	108084	.22	5L730	108129	.70
3L500	108185	.15	4L470	108031	.26	5L290	108085	.23	5L740	108130	.71
3L510	108186	.16	4L480	108032	.26	5L300	108086	.24	5L750	108131	.72
3L520	108187	.16	4L490	108033	.27	5L310	108087	.24	5L760	108132	.73
3L530	108188	.16	4L500	108034	.27	5L320	108088	.25	5L770	108133	.74
3L540	108189	.17	4L510	108035	.28	5L330	108089	.26	5L780	108134	.75
3L550	108190	.17	4L520	108036	.29	5L340	108090	.27	5L790	108826	.76
3L560	108191	.17	4L530	108037	.29	5L350	108091	.28	5L800	108135	.77
3L570	108192	.18	4L540	108038	.30	5L360	108092	.28	5L810	108827	.78
3L580	108193	.18	4L550	108039	.30	5L365	108872	.29	5L820	108136	.79
3L590	108194	.18	4L560	108040	.31	5L370	108093	.29	5L830	108328	.80
3L600	108195	.19	4L570	108041	.31	5L380	108094	.37	5L840	108137	.81
3L610	108196	.19	4L580	108042	.32	5L390	108095	.37	5L850	108629	.82



SELECTION

Stock D-V Wedge Drives: Standard Motor Speeds

Step 1 - Determine Service Factor. Refer to Typical Service Factors, Table 2. Locate type of Driven and Driver equipment. (If an idler is used, increase the factor by value indicated.) Correct factor is determined by: 1. The extent and frequency of peak loads. 2. Number of operating hours/year (broken down in average hours/day of continuous service). 3. Proper service category (Intermittent, Normal or Continuous). Select the one closest to the application conditions.

Step 2 - Compute Design HP. Multiply normal running HP required or nameplate rating by service factor obtained in Step 1.

Step 3 - Choose Belt Section. Using Table 1, below, read up from design hp figure obtained in Step 2 and over from the rpm of faster shaft. This intersection indicates belt section.

Step 4 - Select the Drive. a). Using belt section from Step 3, refer to Stock Drive Selection Tables beginning on page PT7-48. b). Under appropriate driver speed column find Driven RPM nearest to the desired speed. To the right note HP per Belt. Read left for Driver/Driven Sheave information. (If driver is an electric motor be sure motor sheave diameter is not less than shown in Table 3.) c). Read onto opposite page and find figure nearest the required center distance. Note Arc-Length Correction Factor in the shaded row below the C.D. figure. d). Read to the top of the table for the belt size. e). To determine number of belts, multiply the HP per Belt value by the ArcLength Correction Factor. This is the corrected HP/belt. Divide design HP by corrected HP figure to determine number of belts required.

EXAMPLE OF SELECTION

Select a D-V Wedge drive for a positive blower, with a 2-15/16" shaft, to run @ 290 rpm, driven by a 30 hp, 1160 squirrel cage electric motor with a 2-1/8" shaft. Desired center distance is 26". Service is continuous.

Step 1 - Service factor from Table 2 is 1.4.

Step 2 - Design HP = $1.4 \times 30 = 42$ HP.

Step 3 - A 5V belt section is shown in Table 1 when reading to the right of 1160 rpm and up from 42 design HP.

Step 4 - Turn to 5V Stock Drive Selection Tables. On page PT7-86, under 1160 RPM Driver, read down to find 290 rpm. The nearest appears as 291.

Note HP/belt as 12.8 for all D-V and Polyband belts over 200" and 15.4 for Polyband belts under 200". Also note sheaves listed as 7.1 Driver, 28.0 Driven. Table 3 shows driver is not undersize. Reading toward the right the C.D. figure nearest 26, is 26.4. The correction factor below the C.D. figure is .92. Top of table shows belt size as 5VX 1120.

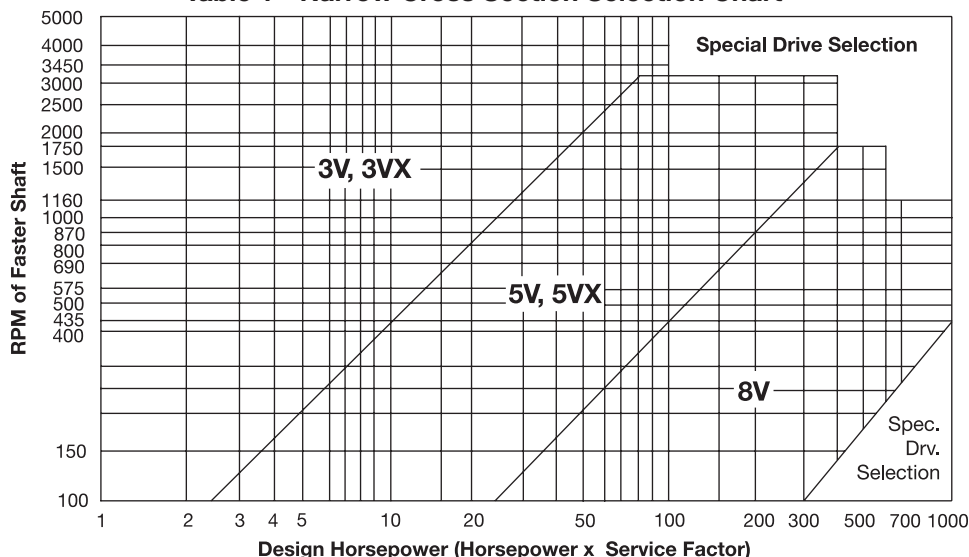
The HP/belt for D-V is 15.4. This value x the .92 factor = 14.2 corrected hp/belt. $42 \text{ HP} \div 14.20 = 2.96$. Going to the next whole number, drive requires 3 belts. (Center to center operating distance is 26.4 nominal.)

Order: 1. 3-5VX 1120 D-V belts. 2. 1 - 3/5V7.1-2517

TAPER-LOCK Sheave. 3. 1 - 2-1/8, bore 2517 bushing.

4. 1 - 3/5V28.0-3535 TAPER-LOCK Sheave. 5. 1 - 2-15/16, bore 3535 bushing.

Table 1 - Narrow Cross Section Selection Chart



NOTE: Selection program VIA-VISA available at www.ptwizard.com.



Service Factor

Table 2 - Typical Service Factors

Driven Machine Types Note: Certain machines may require flywheel sheaves or special construction to withstand heavy shock loads. Consult Mfg'r.	Driver: Normal Torque NEMA Des. A or B Motors DC Shunt Wound Motors Multi-Cylinder Engines			Driver: High Torque NEMA Des. C or D Motors DC Series Wound Motors Single Cylinder Engines			
	Service*			Service*			
	Intermit.	Normal	Contin.	Intermit.	Normal	Cont.	* Note: Intermittent: Up to 6 Hrs./Day Normal: 6-16 Hrs./Day Continuous: 16-24 Hrs./Day Adder for Idlers: Outside on slack side 0.1 Inside on tight side 0.1 Outside on tight side 0.2
Agitators for Liquids Blowers and Exhausters Centrif. Pumps, Compressors Fans up to 10HP Light Duty Conveyors	1.0	1.1	1.2	1.1	1.2	1.3	
Belt Conveyors, Bulk Mat'l Dough Mixers Fans over 10 HP Generators Line Shafts Laundry Machinery Machine Tools Punches, Presses, Shears Printing Machinery Positive Displ. Rotary Pumps Revolving & Vibrating Screens	1.1	1.2	1.3	1.2	1.3	1.4	
Brick Machinery Bucket Elevators Exciters Piston Compressors Conveyors: Drag, Pan, Screw Paper Mill Beaters Piston Pumps Pos. Displacement Blowers Pulverizers Saw Mill, Woodworking Mach'y Textile Machinery	1.2	1.3	1.4	1.4	1.5	1.6	
Crushers: Gyratory, Jaw, Roll Mills: Ball, Rod, Tube Hoists Rubber Calendars, Extruders, Mills	1.3	1.4	1.5	1.6	1.7	1.8	
Chokable Equipment, Fire Hazard	2.0	2.0	2.0	2.0	2.0	2.0	

Table 3 - NEMA Min. Sheave Dia. for D-V Wedge Drives

Motor		Motor Horsepower																											
RPM	Sheave	1/2	3/4	1	1-1/2	2	3	5	7-1/2	10	15	20	25	30	40	50	60	75	100	125	150	200	250	300	350	400			
870	Min O.D.	2.2	2.4	2.4	2.4	3.0	3.0	3.8	4.4	5.2	6.0	6.8	6.8	6.8	8.2	8.4	10.0	9.5	12.0	12.5	13.2	13.2	15.0	...	...	...			
	Max F.W.	2.3	2.3	2.8	2.8	3.4	3.4	4.0	4.0	4.7	4.7	5.3	5.3	5.9	5.9	7.3	7.3	8.5	8.5	8.5	11.6	11.6	11.6	...	...	...			
1160	Min O.D.	...	2.2	2.4	2.4	3.0	3.0	3.8	4.4	4.4	5.2	6.0	6.8	6.8	8.2	9.0	10.0	10.0	12.0	13.2	13.2	13.2	15.0	14.1	...				
	Max F.W.	...	2.3	2.3	2.8	2.8	3.4	3.4	4.0	4.0	4.7	4.7	5.3	5.3	5.9	5.9	7.3	7.3	8.5	8.5	8.5	11.6	11.6	11.6	...				
1750	Min O.D.	...	...	2.2	2.4	2.4	3.0	3.0	3.8	4.4	4.4	4.4	5.2	6.0	6.8	7.4	8.6	8.6	10.5	10.5	13.2	13.2	13.2	13.2	14.1				
	Max F.W.	...	...	2.3	2.3	2.8	2.8	3.4	3.4	4.0	4.0	4.7	4.7	5.3	5.3	5.9	5.9	7.3	7.3	8.5	9.4	9.4	11.6	11.6	11.6				
3500	Min O.D.	...	...	...	2.2	2.4	2.4	3.0	3.8	4.4	4.4	...	...	...	...	...	...	...	...	...	...	...	...	...	...				
	Max F.W.	...	...	...	2.3	2.3	2.8	2.8	3.4	4.0	4.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...				

Data in unshaded area is per NEMA Standard MG1-14.42

Data in shaded area subject to approval of motor manufacturer

F.W. = Face Width of sheave

NOTE: Selection program VIA-VISA available at www.ptwizd.com.



SELECTION

Stock D-V Wedge Drives: Non-Standard Motor Speeds & Speed-Up Drives.

For Speeds Other Than Standard Motor Speeds:

Step 1 - Determine Speed Ratio = $\left(\frac{\text{Driver RPM}}{\text{Driven RPM}} \right)$

Step 2 - Compute Design HP. Multiply normal running HP required or nameplate rating by service factor from Table 2.

Step 3 - Determine Maximum Diameter of Driver Sheave

@ 6500 FPM : O.D. = $\frac{6500 \text{ FPM}}{0.262 \times \text{RPM}}$

Step 4 - Select Belt Cross Section. Using Table 1, read up from design HP figure obtained in Step 2 and over from the RPM of faster shaft. This intersection indicates belt section.

Step 5 - Select Drive. Using the belt section from Step 4, make a tentative sheave selection from **stock drive tables**. (Note that several choices are available in the ratio obtained from Step 1. Other choices close to this ratio may also produce a functional drive.) Read onto opposite page and find figure nearest the required center distance. The Arc-Length correction factor is listed in the shaded row below the C.D. figure. Read to the top of the table for the belt size.

Step 6 - Size the Drive. From basic horsepower tables locate HP rating at intersection of RPM of faster shaft row and small sheave column. To this, add the "additional HP" figure based on drive ratio. This becomes the rated HP. Multiply this sum by the arc-length correction factor noted in Step 5. This becomes the corrected HP per belt. To find

Required number of belts : $\frac{\text{Design HP}}{\text{Correction HP/Belt}}$

EXAMPLE OF SELECTION

A V-drive is needed for a 30 HP 2200 RPM gasoline engine, with a 2-1/4" dia. shaft, driving a generator, with a 2-7/16" dia. shaft, @ 1800 RPM. It runs 8 hrs. a day. Center distance is 31".

Step 1 - Speed Ratio = $\frac{2200}{1785} = 1.23$

Step 2 - Service Factor = 1.2 Design HP = 30 x 1.2 = 36

Step 3 - Driver Sheave Max. Dia. = $\frac{6500}{.262 \times 2200} = 11.3$

Step 4 - Belt Cross Section = Table 1 indicates 3VX.

Step 5 - In 3VX Stock Drive Selection Tables on pages PT7-66 and PT7-67, find the 1.23 ratio obtained in the Step 1 calculation. At the top of page PT7-64, the most economical drive is shown as 6.5 Driver, 8.0 Driven. The C.D. nearest 31" is 31.1. The correction factor below the C.D. figure is 1.05. Top of the column shows a 3VX850 belt. Refer to Basic HP Tables on page PT7-80 and PT7-81. From the 2200 RPM of faster shaft row and down from the 6.5 smaller sheave heading: 10.2 HP/belt plus an additional hp of .23 in the 1.19 thru 1.26 ratio column. The sum = 10.43 HP/belt x 1.05 arc length correction factor = 10.95 HP/belt.

Number of belts = $\frac{36}{10.95} = 3.28$ or 4 belts

Order: 1- 4 groove 3V 6.5 TAPER-LOCK Sheave, 1-2517 2-1/4" bore bushing, 1-4 groove 8.0 TAPER-LOCK Sheave, 1-2517 2-7/16" bore bushing, 4-3VX850 D-V Wedge Belts.

Example of a 3V Speed-Up Drive

A 20 HP 1750 RPM AC motor, with a 1-5/8" dia. shaft, is to drive a blower, with a 1-7/16" shaft, @ 2500 RPM. The center distance = 26". Equipment runs 24 hrs./day.

1. Service Factor from Table 2 is 1.2.
2. Design HP = 20 x 1.2 = 24 HP
3. Speed Ratio = $\frac{2500}{1750} = 1.43$
4. In Stock Drive Table, under 1.43 ratio, sheaves are listed as 5.6 Driver/8.0 Driven. (In a speed-up drive, the 5.6 sheave becomes the Driven, the 8.0 the Driver.) The opposite page of the table shows the closest center distance as 26.8 with an arc correction factor of 1.03. Belt shown at top of column is 3VX750.
5. From Basic Horsepower Tables a 5.6 sheave @ 2500 RPM = (9.46 + .37) = 9.83. 9.83 X 1.03 arc length correction factor = 10.12 corrected HP/belt.
6. Number of Belts = $\frac{\text{Design HP}}{\text{Corrected HP}} = \frac{24}{10.12} = 2.37$ or 3 belts.
7. Order: 1-3 groove 3V 8.0 TAPER-LOCK Sheave, 1-15/8" bore 2517 bushing, 1-3 groove 3V 5.6 TAPER-LOCK Sheave, 1-17/16" bore 1610 bushing, 3-3VX750 D-V belts.

NOTE: Selection program VIA-VISA available at www.ptwizd.com.



Table 4 - Narrow Belt Length Correction Factors

Belt Lgth. *	Factor for Belts:			Belt Lgth.	Factor for Belts:		
	3VX	5V, 5VX	8V, 8VX		3VX	5V, 5VX	8V, 8VX
25	.83	...	...	118	1.12	.99	.89
26.5	.84	...	...	125	1.13	1.00	.90
28	.85	...	...	132	1.14	1.01	.91
30	.86	...	...	140	1.15	1.02	.92
31.5	.87	...	...	150	1.16	1.03	.93
33.5	.88	...	...	160	...	1.04	.94
35.5	.89	...	...	170	...	1.05	.94
37.5	.90	...	...	180	...	1.06	.95
40	.92	...	...	190	...	1.07	.96
42.5	.93	...	...	200	...	1.08	.97
45	.94	...	...	212	...	1.09	.98
47.5	.95	...	...	224	...	1.09	.98
50	.96	.85	...	236	...	1.10	.99
53	.97	.86	...	250	...	1.11	1.00
56	.98	.87	...	265	...	1.12	1.01
60	.99	.88	...	280	...	1.13	1.02
63	1.00	.89	...	300	...	1.14	1.03
67	1.01	.90	...	315	...	1.15	1.03
71	1.02	.91	...	335	...	1.16	1.04
75	1.03	.92	...	355	...	1.17	1.05
80	1.04	.93	...	375	...	...	1.06
85	1.06	.94	...	400	...	...	1.07
90	1.07	.95	...	425	...	...	1.08
95	1.08	.96	...	450	...	...	1.09
100	1.09	.96	.87	475	...	...	1.09
106	1.10	.97	.88	500	...	...	1.10
112	1.11	.98	.88	560	...	...	1.11

* Outside circumference in inches

Table 5 - Arc Correction Factors

D-d ÷ C	Approx. Arc of Contact on Small Shv.	Factor
.00	180°	1.00
.10	174°	.99
.20	169°	.97
.30	163°	.96
.40	157°	.94
.50	151°	.93
.60	145°	.91
.70	139°	.89
.80	133°	.87
.90	127°	.85
1.00	120°	.82
1.10	113°	.80
1.20	106°	.77
1.30	99°	.73
1.40	91°	.70
1.50	83°	.65

‡ D = Dia. of large sheave

d = Dia. of small sheave

C = Center distance

NOTE: To determine required belt length when center distance and sheave diameters are known, use the following formula.

$$L = 2C + 1.57 (D + d) + \frac{(D - d)^2}{4C}$$



SELECTION

3VX STOCK DRIVE SELECTIONS

Speed Ratio	Stock Sheaves		3500 RPM Driver		1750 RPM Driver		1160 RPM Driver		Belt Number and Approx. Center Distance							
	Diameter		Driven	HP/Belt	Driven	HP/Belt	Driven	HP/Belt	3VX	3VX	3VX	3VX	3VX	3VX	3VX	3VX
	Driver	Driven	RPM	3VX	RPM	3VX	RPM	3VX	250	265	280	300	315	335	355	375
1.00	2.65	2.65	3500	3.78	1750	2.15	1160	1.52	8.3	9.1	9.8	10.8	11.6	12.6	13.6	14.6
	2.80	2.80	3500	4.25	1750	2.41	1160	1.69	8.1	8.9	9.6	10.6	11.4	12.4	13.4	14.4
	3.00	3.00	3500	4.88	1750	2.75	1160	1.93	7.8	8.5	9.3	10.3	11.0	12.0	13.0	14.0
	3.15	3.15	3500	5.34	1750	3.01	1160	2.10	7.6	8.3	9.1	10.1	10.8	11.8	12.8	13.8
	3.35	3.35	3500	5.96	1750	3.34	1160	2.34	7.2	8.0	8.7	9.7	10.5	11.5	12.5	13.5
	3.65	3.65	3500	6.86	1750	3.85	1160	2.68	6.8	7.5	8.3	9.3	10.0	11.0	12.0	13.0
	4.12	4.12	3500	8.24	1750	4.63	1160	3.22	6.0	6.8	7.5	8.5	9.3	10.3	11.3	12.3
	4.50	4.50	3500	9.32	1750	5.25	1160	3.65	...	6.2	6.9	7.9	8.7	9.7	10.7	11.7
	4.75	4.75	3500	10.01	1750	5.65	1160	3.93	...	5.8	6.5	7.5	8.3	9.3	10.3	11.3
	5.00	5.00	3500	10.68	1750	6.06	1160	4.21	...	...	6.2	7.2	7.9	8.9	9.9	10.9
	5.30	5.30	3500	11.48	1750	6.53	1160	4.55	...	...	...	6.7	7.4	8.4	9.4	10.4
	5.60	5.60	3500	12.25	1750	7.01	1160	4.88	...	...	...	...	7.0	8.0	9.0	10.0
	6.00	6.00	3500	13.24	1750	7.63	1160	5.32	...	...	...	...	...	7.3	8.3	9.3
	6.50	6.50	3500	14.41	1750	8.40	1160	5.87	...	...	...	...	...	...	7.5	8.5
	6.90	6.90	3500	15.30	1750	9.01	1160	6.30	...	...	...	...	...	...	...	7.9
	8.00	8.00	3500	17.48	1750	10.64	1160	7.47	...	...	...	...	...	...	...	...
	10.60	10.60	3500	20.91	1750	14.22	1160	10.13	...	...	...	...	...	...	...	...
1.05	3.00	3.15	3331	5.00	1665	2.81	1104	1.97	7.7	8.4	9.2	10.2	10.9	11.9	12.9	13.9
	4.75	5.00	3323	10.13	1662	5.72	1101	3.97	...	...	6.3	7.3	8.1	9.1	10.1	11.1
1.06	2.65	2.80	3309	3.91	1655	2.22	1097	1.56	8.2	9.0	9.7	10.7	11.5	12.5	13.5	14.5
	3.15	3.35	3288	5.49	1644	3.08	1090	2.15	7.4	8.1	8.9	9.9	10.6	11.6	12.6	13.6
	4.50	4.75	3314	9.45	1657	5.31	1098	3.70	...	6.0	6.7	7.7	8.5	9.5	10.5	11.5
	5.00	5.30	3300	10.82	1650	6.13	1094	4.26	...	...	...	6.9	7.7	8.7	9.7	10.7
	5.30	5.60	3311	11.61	1655	6.60	1097	4.59	...	...	...	...	7.2	8.2	9.2	10.2
	6.50	6.90	3296	14.55	1648	8.48	1092	5.91	...	...	...	...	...	...	...	8.2
1.07	2.80	3.00	3263	4.42	1631	2.49	1081	1.75	7.9	8.7	9.4	10.4	11.2	12.2	13.2	14.2
	5.60	6.00	3265	12.41	1632	7.09	1082	4.93	...	...	...	...	...	7.6	8.6	9.6
1.08	6.00	6.50	3229	13.42	1614	7.73	1070	5.38	...	...	...	...	...	...	7.9	8.9
1.09	3.35	3.65	3208	6.15	1604	3.44	1063	2.40	7.0	7.8	8.5	9.5	10.3	11.3	12.3	13.3
	4.12	4.50	3201	8.44	1601	4.73	1061	3.29	5.7	6.5	7.2	8.2	9.0	10.0	11.0	12.0
ARC-LENGTH CORRECTION FACTOR →									.83	.84	.85	.86	.87	.88	.89	.90
1.11	4.50	5.00	3146	9.55	1573	5.36	1043	3.73	...	5.8	6.5	7.5	8.3	9.3	10.3	11.3
1.12	3.00	3.35	3129	5.12	1564	2.87	1037	2.01	7.5	8.3	9.0	10.0	10.8	11.8	12.8	13.8
	4.75	5.30	3133	10.24	1567	5.77	1038	4.01	...	...	6.1	7.1	7.9	8.9	9.9	10.9
	5.00	5.60	3122	10.93	1561	6.18	1035	4.29	...	...	...	6.7	7.4	8.4	9.4	10.4
1.13	2.65	3.00	3085	4.04	1542	2.28	1022	1.60	8.1	8.8	9.6	10.6	11.3	12.3	13.3	14.3
	2.80	3.15	3105	4.50	1552	2.53	1029	1.78	7.8	8.6	9.3	10.3	11.1	12.1	13.1	14.1
	3.65	4.12	3096	7.12	1548	3.98	1026	2.77	6.4	7.1	7.9	8.9	9.6	10.6	11.6	12.6
	5.30	6.00	3088	11.74	1544	6.66	1024	4.63	...	...	...	...	6.9	7.9	8.9	9.9
1.15	4.12	4.75	3031	8.53	1515	4.77	1005	3.32	...	6.3	7.0	8.0	8.8	9.8	10.8	11.8
	6.00	6.90	3040	13.52	1520	7.78	1008	5.41	...	...	...	...	...	...	7.6	8.6
1.16	3.15	3.65	3014	5.64	1507	3.15	999	2.20	7.2	7.9	8.7	9.7	10.4	11.4	12.4	13.4
	5.60	6.50	3012	12.54	1506	7.16	998	4.98	...	...	...	...	...	7.2	8.2	9.2
	6.90	8.00	3016	15.59	1508	9.16	999	6.40	...	...	...	...	...	...	...	...
1.18	4.50	5.30	2967	9.63	1483	5.41	983	3.76	...	...	6.3	7.3	8.0	9.0	10.0	11.0
	4.75	5.60	2964	10.33	1482	5.81	982	4.04	...	...	...	6.9	7.6	8.6	9.6	10.6
1.19	2.65	3.15	2935	4.11	1468	2.32	973	1.63	7.9	8.7	9.4	10.4	11.2	12.2	13.2	14.2
1.20	2.80	3.35	2917	4.59	1458	2.58	967	1.81	7.7	8.4	9.2	10.2	10.9	11.9	12.9	13.9
	5.00	6.00	2912	11.03	1456	6.23	965	4.33	...	...	...	...	7.1	8.1	9.1	10.1
1.22	3.00	3.65	2868	5.24	1434	2.93	951	2.05	7.3	8.0	8.8	9.8	10.5	11.5	12.5	13.5
	4.12	5.00	2878	8.59	1439	4.80	954	3.34	...	6.1	6.8	7.8	8.6	9.6	10.6	11.6

Arc & Length Factors are approximate values
Refer to Selection Procedure for more precise values

NOTE: Selection program VIA-VISA available at www.ptwizd.com.



3VX STOCK DRIVE SELECTIONS

Speed Ratio	Belt Number and Approx. Center Distance																							
	3VX 400	3VX 425	3VX 450	3VX 475	3VX 500	3VX 530	3VX 560	3VX 600	3VX 630	3VX 670	3VX 710	3VX 750	3VX 800	3VX 850	3VX 900	3VX 950	3VX 1000	3VX 1060	3VX 1120	3VX 1180	3VX 1250	3VX 1320	3VX 1400	3VX 1500
1.00	15.8	17.1	18.3	19.6	20.8	22.3	23.8	25.8	27.3	29.3	31.3	33.3	35.8	38.3	40.8	43.3	45.8	48.8	51.8	55	58	62	66	71
	15.6	16.9	18.1	19.4	20.6	22.1	23.6	25.6	27.1	29.1	31.1	33.1	35.6	38.1	40.6	43.1	45.6	48.6	51.6	55	58	62	66	71
	15.3	16.5	17.8	19.0	20.3	21.8	23.3	25.3	26.8	28.8	30.8	32.8	35.3	37.8	40.3	42.8	45.3	48.3	51.3	54	58	61	65	70
	15.1	16.3	17.6	18.8	20.1	21.6	23.1	25.1	26.6	28.6	30.6	32.6	35.1	37.6	40.1	42.6	45.1	48.1	51.1	54	58	61	65	70
	14.7	16.0	17.2	18.5	19.7	21.2	22.7	24.7	26.2	28.2	30.2	32.2	34.7	37.2	39.7	42.2	44.7	47.7	50.7	54	57	61	65	70
	14.3	15.5	16.8	18.0	19.3	20.8	22.3	24.3	25.8	27.8	29.8	31.8	34.3	36.8	39.3	41.8	44.3	47.3	50.3	53	57	60	64	69
	13.5	14.8	16.0	17.3	18.5	20.0	21.5	23.5	25.0	27.0	29.0	31.0	33.5	36.0	38.5	41.0	43.5	46.5	49.5	53	56	60	64	69
	12.9	14.2	15.4	16.7	17.9	19.4	20.9	22.9	24.4	26.4	28.4	30.4	32.9	35.4	37.9	40.4	42.9	45.9	48.9	52	55	59	63	68
	12.5	13.8	15.0	16.3	17.5	19.0	20.5	22.5	24.0	26.0	28.0	30.0	32.5	35.0	37.5	40.0	42.5	45.5	48.5	52	55	59	63	68
	12.2	13.4	14.7	15.9	17.2	18.7	20.2	22.2	23.7	25.7	27.7	29.7	32.2	34.7	37.2	39.7	42.2	45.2	48.2	51	55	58	62	67
	11.7	12.9	14.2	15.4	16.7	18.2	19.7	21.7	23.2	25.2	27.2	29.2	31.7	34.2	36.7	39.2	41.7	44.7	47.7	51	54	58	62	67
	11.2	12.5	13.7	15.0	16.2	17.7	19.2	21.2	22.7	24.7	26.7	28.7	31.2	33.7	36.2	38.7	41.2	44.2	47.2	50	54	57	61	66
	10.6	11.8	13.1	14.3	15.6	17.1	18.6	20.6	22.1	24.1	26.1	28.1	30.6	33.1	35.6	38.1	40.6	43.6	46.6	50	53	57	61	66
	9.8	11.0	12.3	13.5	14.8	16.3	17.8	19.8	21.3	23.3	25.3	27.3	29.8	32.3	34.8	37.3	39.8	42.8	45.8	49	52	56	60	65
	9.2	10.4	11.7	12.9	14.2	15.7	17.2	19.2	20.7	22.7	24.7	26.7	29.2	31.7	34.2	36.7	39.2	42.2	45.2	48	52	55	59	64
...	...	9.9	11.2	12.4	13.9	15.4	17.4	18.9	20.9	22.9	24.9	27.4	29.9	32.4	34.9	37.4	40.4	43.4	46	50	53	57	62	
...	...	...	...	...	...	...	13.4	14.9	16.9	18.9	20.9	23.4	25.9	28.4	30.9	33.4	36.4	39.4	42	46	49	53	58	
1.05	15.2	16.4	17.7	18.9	20.2	21.7	23.2	25.2	26.7	28.7	30.7	32.7	35.2	37.7	40.2	42.7	45.2	48.2	51.2	54	58	61	65	70
	12.3	13.6	14.8	16.1	17.3	18.8	20.3	22.3	23.8	25.8	27.8	29.8	32.3	34.8	37.3	39.8	42.3	45.3	48.3	51	55	58	62	67
1.06	15.7	17.0	18.2	19.5	20.7	22.2	23.7	25.7	27.2	29.2	31.2	33.2	35.7	38.2	40.7	43.2	45.7	48.7	51.7	55	58	62	66	71
	14.9	16.1	17.4	18.6	19.9	21.4	22.9	24.9	26.4	28.4	30.4	32.4	34.9	37.4	39.9	42.4	44.9	47.9	50.9	54	57	61	65	70
	12.7	14.0	15.2	16.5	17.7	19.2	20.7	22.7	24.2	26.2	28.2	30.2	32.7	35.2	37.7	40.2	42.7	45.7	48.7	52	55	59	63	68
	11.9	13.2	14.4	15.7	16.9	18.4	19.9	21.9	23.4	25.4	27.4	29.4	31.9	34.4	36.9	39.4	41.9	44.9	47.9	51	54	58	62	67
	11.4	12.7	13.9	15.2	16.4	17.9	19.4	21.4	22.9	24.9	26.9	28.9	31.4	33.9	36.4	38.9	41.4	44.4	47.4	50	54	57	61	66
1.07	9.5	10.7	12.0	13.2	14.5	16.0	17.5	19.5	21.0	23.0	25.0	27.0	29.5	32.0	34.5	37.0	39.5	42.5	45.5	48	52	55	59	64
	15.4	16.7	17.9	19.2	20.4	21.9	23.4	25.4	26.9	28.9	30.9	32.9	35.4	37.9	40.4	42.9	45.5	48.4	51.4	54	58	61	65	70
1.08	10.9	12.1	13.4	14.6	15.9	17.4	18.9	20.9	22.4	24.4	26.4	28.4	30.9	33.4	35.9	38.4	40.9	43.9	46.9	50	53	57	61	66
	10.2	11.4	12.7	13.9	15.2	16.7	18.2	20.2	21.7	23.7	25.7	27.7	30.2	32.7	35.2	37.7	40.2	43.2	46.2	49	53	56	60	65
1.09	14.5	15.8	17.0	18.3	19.5	21.0	22.5	24.5	26.0	28.0	30.0	32.0	34.5	37.0	39.5	42.0	44.5	47.5	50.5	54	57	61	65	70
	13.2	14.5	15.7	17.0	18.2	19.7	21.2	23.2	24.7	26.7	28.7	30.7	33.2	35.7	38.2	40.7	43.2	46.2	49.2	52	56	59	63	68
	.92	.93	.94	.95	.96	.97	.98	.99	1.00	1.01	1.02	1.03	1.04	1.05	1.06	1.07	1.08	1.09	1.10	1.11	1.12	1.13	1.14	1.16
1.10	12.5	13.8	15.0	16.3	17.5	19.0	20.5	22.5	24.0	26.0	28.0	30.0	32.5	35.0	37.5	40.0	42.5	45.5	48.5	52	55	59	63	68
1.12	15.0	16.3	17.5	18.8	20.0	21.5	23.0	25.0	26.5	28.5	30.5	32.5	35.0	37.5	40.0	42.5	45.0	48.0	51.0	54	58	61	65	70
	12.1	13.4	14.6	15.9	17.1	18.6	20.1	22.1	23.6	25.6	27.6	29.6	32.1	34.6	37.1	39.6	42.1	45.1	48.1	51	54	58	62	67
	11.7	12.9	14.2	15.4	16.7	18.2	19.7	21.7	23.2	25.2	27.2	29.2	31.7	34.2	36.7	39.2	41.7	44.7	47.7	51	55	58	62	67
1.13	15.6	16.8	18.1	19.3	20.6	22.1	23.6	25.6	27.1	29.1	31.1	33.1	35.6	38.1	40.6	43.1	45.6	48.6	51.6	55	58	62	66	71
	15.3	16.6	17.8	19.1	20.3	21.8	23.3	25.3	26.8	28.8	30.8	32.8	35.3	37.8	40.3	42.8	45.3	48.3	51.3	54	58	61	65	70
	13.9	15.1	16.4	17.6	18.9	20.4	21.9	23.9	25.4	27.4	29.4	31.4	33.9	36.4	38.9	41.4	43.9	46.9	49.9	53	56	60	64	69
	11.1	12.4	13.6	14.9	16.1	17.6	19.1	21.1	22.6	24.6	26.6	28.6	31.1	33.6	36.1	38.6	41.1	44.1	47.1	50	54	57	61	66
1.15	13.0	14.3	15.5	16.8	18.0	19.5	21.0	23.0	24.5	26.5	28.5	30.5	33.0	35.5	38.0	40.5	43.0	46.0	49.0	52	56	59	63	68
	9.9	11.1	12.4	13.6	14.9	16.4	17.9	19.9	21.4	23.4	25.4	27.4	29.9	32.4	34.9	37.4	39.9	42.9	45.9	49	52	56	60	65
1.16	14.7	15.9	17.2	18.4	19.7	21.2	22.7	24.7	26.2	28.2	30.2	32.2	34.7	37.2	39.7	42.2	44.7	47.7	50.7	54	57	61	65	70
	10.5	11.7	13.0	14.2	15.5	17.0	18.5	20.5	22.0	24.0	26.0	28.0	30.5	33.0	35.5	38.0	40.5	43.5	46.5	49	53	56	60	65
	...	9.5	10.8	12.0	13.3	14.8	16.3	18.3	19.8	21.8	23.8	25.8	28.3	30.8	33.3	35.8	38.3	41.3	44.3	47	51	54	58	63
1.18	12.3	13.6	14.8	16.1	17.3	18.8	20.3	22.3	23.8	25.8	27.8	29.8	32.3	34.8	37.3	39.8	42.3	45.3	48.3	51	55	58	62	67
	11.9	13.1	14.4	15.6	16.9	18.4	19.9	21.9	23.4	25.4	27.4	29.4	31.9	34.4	36.9	39.4	41.9	44.9	47.9	51	54	58	62	67
1.19	15.4	16.7	17.9	19.2	20.4	21.9	23.4	25.4	26.9	28.9	30.9	32.9	35.4	37.9	40.4	42.9	45.4	48.4	51.4	54	58	61	65	70
1.20	15.2	16.4	17.7	18.9	20.2	21.7	23.2	25.2	26.7	28.7	30.7	32.7	35.2	37.7	40.2	42.7	45.2	48.2	51.2	54	58	61	65	70
	11.4	12.6	13.9	15.1	16.4	17.9	19.4	21.4	22.9	24.9	26.9	28.9	31.4	33.9	36.4	38.9	41.4	44.4	47.4	50	54	58	61	66
1.22	14.8	16.0	17.3	18.5	19.8	21.3	22.8	24.8	26.3	28.3	30.3	32.3	34.8	37.3	39.8	42.3	44.8	47.8	50.8	54	57	61	65	70
	12.8	14.1	15.3	16.6	17.8	19.3	20.8	22.8	24.3	26.3	28.3	30.3	32.8	35.3	37									

Arc & Length Factors are approximate values
Refer to Selection Procedure for more precise values

NOTE: Selection program VIA-VISA available at www.ptwizard.com.



SELECTION

3VX STOCK DRIVE SELECTIONS

Speed Ratio	Stock Sheaves		3500 RPM Driver		1750 RPM Driver		1160 RPM Driver		Belt Number and Approx. Center Distance							
	Diameter		Driven RPM	HP/Belt 3VX	Driven RPM	HP/Belt 3VX	Driven RPM	HP/Belt 3VX	3VX 250	3VX 265	3VX 280	3VX 300	3VX 315	3VX 335	3VX 355	3VX 375
	Driver	Driven														
1.23	3.35	4.12	2838	6.33	1419	3.53	941	2.46	6.6	7.4	8.1	9.1	9.9	10.9	11.9	12.9
	5.30	6.5	2849	11.84	1424	6.72	944	4.67	...	...	...	...	...	7.5	8.5	9.5
	5.60	6.9	2836	12.62	1418	7.19	940	5.00	...	...	...	...	...	...	7.9	8.9
	6.50	8.0	2840	14.78	1420	8.59	941	5.99	...	...	...	...	...	...	...	...
1.24	3.65	4.5	2831	7.23	1416	4.03	938	2.81	6.1	6.8	7.6	8.6	9.3	10.3	11.3	12.3
ARC-LENGTH CORRECTION FACTOR →									.82	.83	.84	.86	.86	.88	.89	.90
1.25	4.50	5.6	2806	9.70	1403	5.44	930	3.78	...	...	...	7.1	7.8	8.8	9.8	10.8
1.27	2.65	3.35	2758	4.18	1379	2.35	914	1.65	7.8	8.5	9.3	10.3	11.0	12.0	13.0	14.0
	4.75	6.0	2765	10.40	1382	5.85	916	4.07	...	...	...	6.5	7.3	8.3	9.3	10.3
1.29	4.12	5.3	2713	8.65	1357	4.83	899	3.36	...	5.8	6.6	7.6	8.3	9.3	10.3	11.3
1.30	5.00	6.5	2686	11.11	1343	6.27	890	4.35	...	...	...	...	...	7.7	8.7	9.7
	5.30	6.9	2682	11.90	1341	6.74	889	4.69	...	...	...	...	...	7.1	8.1	9.1
1.31	2.80	3.65	2674	4.68	1337	2.62	886	1.83	7.4	8.2	8.9	9.9	10.7	11.7	12.7	13.7
	3.15	4.12	2666	5.77	1333	3.22	884	2.25	6.8	7.5	8.3	9.3	10.0	11.0	12.0	13.0
	3.65	4.75	2681	7.29	1340	4.06	889	2.82	5.9	6.6	7.4	8.4	9.1	10.1	11.1	12.1
1.32	10.6	14.0	2647	21.34	1323	14.43	877	10.27	...	...	...	...	...	...	...	...
1.33	8.00	10.6	2637	17.92	1319	10.86	874	7.61	...	...	...	...	...	...	...	...
1.34	4.50	6.0	2618	9.76	1309	5.47	868	3.80	...	...	...	6.7	7.5	8.5	9.5	10.5
	6.00	8.0	2619	13.68	1310	7.86	868	5.47	...	...	...	...	...	...	...	...
1.35	3.35	4.5	2596	6.40	1298	3.57	860	2.48	6.3	7.1	7.8	8.8	9.6	10.6	11.6	12.6
1.36	4.12	5.6	2567	8.69	1283	4.85	851	3.37	...	...	6.3	7.3	8.1	9.1	10.1	11.1
ARC-LENGTH CORRECTION FACTOR →									.82	.83	.84	.86	.86	.88	.89	.90
1.37	3.65	5.0	2545	7.32	1273	4.08	844	2.84	5.7	6.4	7.2	8.2	8.9	9.9	10.9	11.9
	4.75	6.5	2550	10.47	1275	5.88	845	4.09	...	...	...	...	6.9	7.9	8.9	9.9
1.38	2.65	3.65	2528	4.24	1264	2.38	838	1.67	7.5	8.3	9.0	10.0	10.8	11.8	12.8	13.8
	3.00	4.12	2537	5.34	1268	2.98	841	2.08	6.9	7.6	8.4	9.4	10.1	11.1	12.1	13.1
	5.00	6.9	2529	11.15	1265	6.29	838	4.37	...	...	...	...	...	7.3	8.3	9.4
1.42	3.35	4.75	2457	6.44	1229	3.58	814	2.50	6.1	6.9	7.6	8.6	9.4	10.4	11.4	12.4
1.43	5.60	8.0	2443	12.73	1222	7.25	810	5.04	...	...	...	...	...	...	...	...
1.44	3.15	4.5	2438	5.83	1219	3.25	808	2.26	6.5	7.2	8.0	9.0	9.7	10.7	11.7	12.7
1.45	4.50	6.5	2415	9.81	1207	5.49	800	3.81	...	...	...	...	7.0	8.0	9.1	10.1
1.46	3.65	5.3	2400	7.35	1200	4.09	795	2.85	...	6.2	6.9	7.9	8.7	9.7	10.7	11.7
	4.12	6.0	2394	8.73	1197	4.87	793	3.39	...	...	...	7.0	7.7	8.8	9.8	10.8
	4.75	6.9	2401	10.50	1201	5.90	796	4.10	...	...	...	...	...	7.5	8.5	9.5
1.48	2.80	4.12	2365	4.75	1182	2.66	784	1.86	7.0	7.8	8.5	9.5	10.3	11.3	12.3	13.3
1.50	3.35	5.0	2333	6.46	1167	3.60	773	2.50	5.9	6.6	7.4	8.4	9.2	10.2	11.2	12.2
1.51	3.00	4.5	2320	5.39	1160	3.00	769	2.10	6.6	7.3	8.1	9.1	9.8	10.8	11.8	12.8
	5.30	8.0	2311	11.99	1156	6.79	766	4.72	...	...	...	...	...	...	...	8.2
1.52	3.15	4.75	2309	5.85	1154	3.26	765	2.27	6.2	7.0	7.8	8.8	9.5	10.5	11.5	12.5
	3.65	5.6	2270	7.38	1135	4.11	752	2.85	...	...	6.7	7.7	8.4	9.4	10.4	11.4
1.54	4.50	6.9	2274	9.83	1137	5.51	754	3.82	...	...	...	...	...	7.7	8.7	9.7
	6.90	10.6	2273	15.81	1136	9.27	753	6.47	...	...	...	...	...	...	...	...
1.57	2.65	4.12	2236	4.30	1118	2.41	741	1.69	7.1	7.9	8.7	9.7	10.4	11.4	12.4	13.4
1.58	4.12	6.5	2209	8.76	1104	4.89	732	3.40	...	...	...	6.6	7.3	8.3	9.3	10.3
1.59	3.00	4.75	2197	5.41	1098	3.01	728	2.10	6.4	7.1	7.9	8.9	9.6	10.6	11.6	12.6
	3.35	5.3	2200	6.48	1100	3.61	729	2.51	5.6	6.4	7.1	8.1	8.9	9.9	10.9	11.9
1.60	3.15	5.0	2192	5.87	1096	3.27	726	2.28	6.0	6.8	7.5	8.6	9.3	10.3	11.3	12.3
ARC-LENGTH CORRECTION FACTOR →									.81	.82	.83	.85	.86	.87	.89	.89
1.61	5.00	8.0	2179	11.22	1090	6.32	722	4.39	...	...	...	...	...	...	...	8.4
1.62	2.80	4.5	2163	4.79	1081	2.68	717	1.87	6.7	7.5	8.2	9.2	10.0	11.0	12.0	13.0
1.64	6.50	10.6	2140	14.95	1070	8.67	709	6.04	...	...	...	...	...	...	...	...
1.65	3.65	6.0	2118	7.40	1059	4.12	702	2.86	...	...	6.3	7.3	8.1	9.1	10.1	11.1
1.68	3.00	5.0	2086	5.42	1043	3.02	691	2.11	6.1	6.9	7.7	8.7	9.4	10.4	11.4	12.4
	3.35	5.6	2081	6.50	1041	3.62	690	2.52	...	6.1	6.9	7.9	8.6	9.7	10.7	11.7
	4.12	6.9	2080	8.78	1040	4.90	689	3.40	...	...	...	...	7.0	8.0	9.0	10.0
1.69	3.15	5.3	2067	5.89	1033	3.28	685	2.28	5.8	6.5	7.3	8.3	9.0	10.1	11.1	12.1
	4.75	8.0	2069	10.55	1035	5.93	686	4.11	...	...	...	...	...	...	7.6	8.6
1.71	2.65	4.5	2045	4.33	1022	2.42	678	1.70	6.8	7.6	8.3	9.3	10.1	11.1	12.1	13.1
1.71	2.80	4.75	2048	4.80	1024	2.68	679	1.88	6.5	7.3	8.0	9.0	9.8	10.8	11.8	12.8
1.75	8.00	14.0	19.95	18.04	997	10.92	661	7.65	...	...	...	...	...	...	...	...
1.77	6.00	10.6	1974	13.79	987	7.91	654	5.51	...	...	...	...	...	...	...	...
1.78	3.00	5.3	1967	5.44	983	3.03	652	2.11	5.9	6.6	7.4	8.4	9.2	10.2	11.2	12.2
ARC-LENGTH CORRECTION FACTOR →									.80	.81	.82	.84	.85	.86	.88	.89

NOTE: Selection program VIA-VISA available at www.ptwizd.com.

SELECTION



3VX STOCK DRIVE SELECTIONS

Speed Ratio	Belt Number and Approx. Center Distance																							
	3VX 400	3VX 425	3VX 450	3VX 475	3VX 500	3VX 530	3VX 560	3VX 600	3VX 630	3VX 670	3VX 710	3VX 750	3VX 800	3VX 850	3VX 900	3VX 950	3VX 1000	3VX 1060	3VX 1120	3VX 1180	3VX 1250	3VX 1320	3VX 1400	3VX 1500
1.23	14.1	15.4	16.6	17.9	19.1	20.6	22.1	24.1	25.6	27.6	29.6	31.6	34.1	36.6	39.1	41.6	44.1	47.1	50.1	53	57	60	64	69
	10.7	12.0	13.2	14.5	15.7	17.2	18.7	20.7	22.2	24.2	26.2	28.2	30.7	33.2	35.7	38.2	40.7	43.7	46.7	50	53	57	61	66
	10.2	11.4	12.7	13.9	15.2	16.7	18.2	20.2	21.7	23.7	25.7	27.7	30.2	32.7	35.2	37.7	40.2	43.2	46.2	49	53	56	60	65
	8.6	9.8	11.1	12.3	13.6	15.1	16.6	18.6	20.1	22.1	24.1	26.1	28.6	31.1	33.6	36.1	38.6	41.6	44.6	48	51	55	59	64
1.24	13.6	14.8	16.1	17.3	18.6	20.1	21.6	23.6	25.1	27.1	29.1	31.1	33.6	36.1	38.6	41.1	43.6	46.6	49.6	53	56	61	64	69
	.91	.92	.93	.94	.95	.96	.97	.99	1.00	1.01	1.02	1.03	1.04	1.05	1.06	1.07	1.08	1.09	1.10	1.11	1.12	1.13	1.14	1.15
1.25	12.1	13.3	14.6	15.8	17.1	18.6	20.1	22.1	23.6	25.6	27.6	29.6	32.1	34.6	37.1	39.6	42.1	45.1	48.1	51	55	58	62	67
1.27	15.3	16.5	17.8	19.0	20.3	21.8	23.3	25.3	26.8	28.8	30.8	32.8	35.3	37.8	40.3	42.1	45.3	48.3	51.3	54	58	61	65	70
	11.5	12.8	14.0	15.3	16.5	18.1	19.6	21.6	23.1	25.1	27.1	29.1	31.6	34.1	36.6	39.1	41.6	44.6	47.6	51	54	58	62	67
1.29	12.6	13.8	15.1	16.3	17.6	19.1	20.6	22.6	24.1	26.1	28.1	30.1	32.6	35.1	37.6	40.1	42.6	45.6	48.6	52	55	59	63	68
1.30	10.9	12.2	13.5	14.7	16.0	17.5	19.0	21.0	22.5	24.5	26.5	28.5	31.0	33.5	36.0	38.5	41.0	44.0	47.0	50	53	57	61	66
	10.4	11.6	12.9	14.2	15.4	16.9	18.4	20.4	21.9	23.9	25.9	27.9	30.4	32.9	35.4	37.9	40.4	43.4	46.4	49	53	56	60	65
1.31	14.9	16.2	17.4	18.7	19.9	21.4	22.9	24.9	26.4	28.4	30.4	32.4	34.9	37.4	39.9	42.4	44.9	47.9	50.9	54	57	61	65	70
	14.3	15.5	16.8	18.0	19.3	20.8	22.3	24.3	25.8	27.8	29.8	31.8	34.3	36.8	39.3	41.8	44.3	47.3	50.3	53	57	60	64	69
	13.4	14.6	15.9	17.1	18.4	19.9	21.4	23.4	24.9	26.9	28.9	30.9	33.4	35.9	38.4	40.9	43.4	46.4	49.4	52	56	59	63	68
1.32	...	...	...	...	...	...	...	...	...	14.1	16.1	18.1	20.6	23.1	25.6	28.1	30.6	33.6	36.6	40	43	47	51	56
1.33	...	...	...	...	...	11.8	13.3	15.3	16.8	18.9	20.9	22.9	25.4	27.9	30.4	32.9	35.4	38.4	41.4	44	48	51	55	60
1.34	11.7	13.0	14.2	15.5	16.7	18.2	19.7	21.7	23.2	25.2	27.2	29.2	31.7	34.2	36.7	39.3	41.8	44.8	47.8	51	54	58	62	67
	9.0	10.2	11.5	12.7	14.0	15.5	17.0	19.0	20.5	22.5	24.5	26.5	29.0	31.5	34.0	36.5	39.0	42.0	45.0	48	52	55	59	64
1.35	13.8	15.1	16.3	17.6	18.8	20.3	21.8	23.8	25.3	27.3	29.3	31.3	33.8	36.3	38.8	41.3	43.8	46.8	49.8	53	56	60	64	69
1.36	12.3	13.6	14.9	16.1	17.4	18.9	20.4	22.4	23.9	25.9	27.9	29.9	32.4	34.9	37.4	39.9	42.4	45.4	48.4	51	55	58	62	67
	.91	.92	.93	.94	.95	.96	.97	.99	1.00	1.01	1.02	1.03	1.04	1.05	1.06	1.07	1.08	1.09	1.10	1.11	1.12	1.13	1.14	1.15
1.37	13.2	14.4	15.7	16.9	18.2	19.7	21.2	23.2	24.7	26.7	28.7	30.7	33.2	35.7	38.2	40.7	43.2	46.2	49.2	52	56	59	63	68
	11.1	12.4	13.6	14.9	16.1	17.6	19.1	21.2	22.7	24.7	26.7	28.7	31.2	33.7	36.2	38.7	41.2	44.2	47.2	50	54	57	61	66
1.38	15.0	16.3	17.5	18.8	20.0	21.5	23.0	25.0	26.5	28.6	30.6	32.6	35.1	37.6	40.1	42.6	45.1	48.1	51.1	54	58	61	65	70
	14.4	15.7	16.9	18.2	19.4	20.9	22.4	24.4	25.9	27.9	29.9	31.9	34.4	36.9	39.4	41.9	44.4	47.4	50.4	53	57	60	64	69
	10.6	11.9	13.1	14.4	15.6	17.1	18.6	20.6	22.1	24.1	26.1	28.1	30.6	33.1	35.6	38.1	40.6	43.6	46.6	50	53	57	61	66
1.42	13.6	14.9	16.1	17.4	18.6	20.1	21.6	23.6	25.1	27.1	29.1	31.1	33.6	36.1	38.6	41.1	43.6	46.6	49.6	53	56	60	64	69
1.43	9.2	10.5	11.8	13.0	14.3	15.8	17.3	19.3	20.8	22.8	24.8	26.8	29.3	31.8	34.3	36.8	39.3	42.3	45.3	48	52	55	59	64
1.44	14.0	15.2	16.5	17.7	19.0	20.5	22.0	24.0	25.5	27.5	29.5	31.5	34.0	36.5	39.0	41.5	44.0	47.0	50.0	53	56	60	64	69
1.45	11.3	12.6	13.8	15.1	16.3	17.8	19.3	21.3	22.8	24.8	26.8	28.8	31.3	33.9	36.4	38.9	41.4	44.4	47.4	50	54	57	61	66
1.46	12.9	14.2	15.5	16.7	18.0	19.5	21.0	23.0	24.5	26.5	28.5	30.5	33.0	35.5	38.0	40.5	43.0	46.0	49.0	52	55	59	63	68
	12.0	13.3	14.5	15.8	17.0	18.5	20.0	22.0	23.5	25.5	27.5	29.5	32.0	34.5	37.0	39.5	42.0	45.0	48.0	51	55	58	62	67
	10.8	12.1	13.3	14.6	15.8	17.3	18.8	20.8	22.3	24.3	26.3	28.3	30.8	33.3	35.8	38.3	40.8	43.8	46.8	50	53	57	61	66
1.48	14.6	15.8	17.1	18.3	19.6	21.1	22.6	24.6	26.1	28.1	30.1	32.1	34.6	37.1	39.6	42.1	44.6	47.6	50.6	54	57	61	65	70
1.50	13.4	14.7	15.9	17.2	18.4	19.9	21.4	23.4	24.9	26.9	28.9	30.9	33.4	35.9	38.4	40.9	43.4	46.4	49.4	52	56	59	63	68
1.51	14.1	15.3	16.6	17.8	19.1	20.6	22.1	24.1	25.6	27.6	29.6	31.6	34.1	36.6	39.1	41.6	44.1	47.1	50.1	53	57	60	64	69
	9.5	10.7	12.0	13.2	14.5	16.0	17.5	19.5	21.0	23.0	25.0	27.0	29.5	32.0	34.5	37.0	39.5	42.5	45.5	49	52	56	60	65
1.52	13.8	15.0	16.3	17.5	18.8	20.3	21.8	23.8	25.3	27.3	29.3	31.3	33.8	36.3	38.8	41.3	43.8	46.8	49.8	53	56	60	64	69
1.54	12.7	14.0	15.2	16.5	17.7	19.2	20.7	22.7	24.2	26.2	28.2	30.2	32.7	35.2	37.7	40.2	42.7	45.7	48.7	52	55	59	63	68
	11.0	12.2	13.5	14.8	16.0	17.5	19.0	21.0	22.5	24.5	26.5	28.5	31.0	33.5	36.0	38.5	41.0	44.0	47.0	50	54	57	61	66
	...	...	...	...	11.1	12.6	14.1	16.2	17.7	19.7	21.7	23.7	26.2	28.7	31.2	33.7	36.2	39.2	42.2	45	49	52	56	61
1.57	14.7	15.9	17.2	18.4	19.7	21.2	22.7	24.7	26.2	28.2	30.2	32.2	34.7	37.2	39.7	42.2	44.7	47.7	50.7	54	57	61	65	70
1.58	11.6	12.9	14.1	15.4	16.6	18.1	19.6	21.6	23.1	25.1	27.1	29.1	31.6	34.1	36.6	39.1	41.6	44.6	47.6	51	54	58	62	67
1.59	13.9	15.1	16.4	17.6	18.9	20.4	21.9	23.9	25.4	27.4	29.4	31.4	33.9	36.4	38.9	41.4	43.9	46.9	49.9	53	56	60	64	69
	13.2	14.4	15.7	16.9	18.2	19.7	21.2	23.2	24.7	26.7	28.7	30.7	33.2	35.7	38.2	40.7	43.2	46.2	49.2	52	56	59	63	68
1.60	13.6	14.8	16.1	17.3	18.6	20.1	21.6	23.6	25.1	27.1	29.1	31.1	33.6	36.1	38.6	41.1	43.6	46.6	49.6					



SELECTION

3VX STOCK DRIVE SELECTIONS

Speed Ratio	Stock Sheaves		3500 RPM Driver		1750 RPM Driver		1160 RPM Driver		Belt Number and Approx. Center Distance						
	Diameter		Driven RPM	HP/Belt 3VX	Driven RPM	HP/Belt 3VX	Driven RPM	HP/Belt 3VX	3VX 265	3VX 280	3VX 300	3VX 315	3VX 335	3VX 355	3VX 375
	Driver	Driven													
1.79	3.65	6.50	1953	7.42	977	4.13	647	2.87	...	...	6.9	7.6	8.7	9.7	10.7
	4.50	8.00	1959	9.87	980	5.53	649	3.84	...	...	...	...	...	7.7	8.8
1.80	2.80	5.00	1944	4.81	972	2.69	644	1.88	7.0	7.8	8.8	9.6	10.6	11.6	12.6
	3.35	6.00	1941	6.52	971	3.62	643	2.52	5.8	6.5	7.5	8.3	9.3	10.3	11.3
	10.60	19.00	1949	21.47	974	14.50	646	10.31	...	...	...	...	...	...	...
1.81	2.65	4.75	1936	4.34	968	2.43	642	1.70	7.4	8.1	9.1	9.9	10.9	11.9	12.9
1.88	3.00	5.60	1860	5.45	930	3.03	617	2.12	6.4	7.1	8.1	8.9	9.9	10.9	11.9
1.90	2.65	5.00	1838	4.35	919	2.44	609	1.71	7.1	7.9	8.9	9.7	10.7	11.7	12.7
	3.65	6.90	1839	7.43	920	4.13	610	2.87	...	...	6.5	7.3	8.3	9.3	10.3
	5.60	10.60	1841	12.81	921	7.29	610	5.07	...	...	...	...	...	...	...
1.91	2.80	5.30	1833	4.82	917	2.69	608	1.88	6.8	7.5	8.5	9.3	10.3	11.3	12.3
1.92	3.15	6.00	1824	5.91	912	3.29	604	2.29	5.9	6.7	7.7	8.4	9.5	10.5	11.5
1.95	3.35	6.50	1791	6.53	895	3.63	593	2.53	...	...	7.1	7.9	8.9	9.9	10.9
	4.12	8.00	1792	8.81	896	4.91	594	3.41	...	...	...	...	...	8.0	9.0
2.01	5.30	10.60	1742	12.05	871	6.82	577	4.74	...	...	...	...	...	...	...
2.02	2.65	5.30	1733	4.36	367	2.44	574	1.71	6.9	7.6	8.7	9.4	10.4	11.4	12.4
	2.80	5.60	1734	4.83	867	2.70	575	1.89	6.5	7.3	8.3	9.0	10.1	11.1	12.1
	3.00	6.00	1735	5.46	868	3.04	575	2.12	6.0	6.8	7.8	8.5	9.6	10.6	11.6
2.04	6.90	14.00	1719	15.88	859	9.30	570	6.49	...	...	...	...	...	...	...
2.08	3.15	6.50	1682	5.93	841	3.30	558	2.30	...	6.2	7.2	8.0	9.0	10.0	11.0
	3.35	6.90	1686	6.54	843	3.63	559	2.53	...	...	6.7	7.5	8.5	9.5	10.6
ARC-LENGTH CORRECTION FACTOR →									.81	.82	.84	.85	.86	.87	.88
2.13	2.65	5.60	1640	4.36	820	2.44	543	1.71	6.6	7.4	8.4	9.2	10.2	11.2	12.2
	5.00	10.60	1642	11.27	821	6.35	544	4.41	...	...	...	...	...	...	...
2.16	2.80	6.00	1618	4.84	809	2.70	536	1.89	6.1	6.9	7.9	8.7	9.7	10.7	11.7
	6.50	14.00	1618	14.99	809	8.70	536	6.06	...	...	...	...	...	...	...
2.19	3.00	6.50	1601	5.47	800	3.04	531	2.12	...	6.3	7.3	8.1	9.1	10.1	11.2
2.21	3.15	6.90	1584	5.93	792	3.30	525	2.30	...	...	6.9	7.6	8.7	9.7	10.7
	3.65	8.00	1585	7.45	792	4.14	525	2.88	...	...	...	...	7.3	8.3	9.3
2.24	4.75	10.60	1559	10.60	780	5.95	517	4.13	...	...	...	...	...	...	...
2.29	2.65	6.00	1529	4.37	765	2.45	507	1.71	6.2	7.0	8.0	8.8	9.8	10.8	11.8
2.32	3.00	6.90	1507	5.47	754	3.05	500	2.12	...	...	7.0	7.7	8.8	9.8	10.8
2.34	6.00	14.00	1493	13.83	746	7.93	495	5.52	...	...	...	...	...	...	...
2.35	2.80	6.50	1492	4.84	746	2.70	495	1.89	...	64	7.5	8.2	9.3	10.3	11.3
2.36	10.6	25.00	1480	21.5	740	14.51	491	10.33	...	...	...	...	...	...	...
2.37	4.50	10.60	1476	9.91	738	5.54	489	3.85	...	...	...	...	...	...	...
2.38	8.00	19.00	1468	18.07	734	10.94	487	7.66	...	...	...	...	...	...	...
2.41	3.35	8.00	1453	6.55	726	3.64	482	2.53	...	...	...	...	7.5	8.5	9.6
2.48	2.65	6.50	1411	4.37	705	2.45	468	1.71	5.7	6.5	7.6	8.3	9.4	10.4	11.4
2.49	2.80	6.90	1405	4.85	703	2.71	466	1.89	...	6.0	7.1	7.9	8.9	9.9	10.9
2.51	5.60	14.00	1392	12.84	696	7.31	462	5.08	...	...	...	...	...	...	...
ARC-LENGTH CORRECTION FACTOR →									.78	.80	.82	.83	.84	.86	.87
2.56	3.15	8.00	1365	5.94	682	3.30	452	2.30	...	...	...	...	7.6	8.7	9.7
2.59	4.12	10.60	1350	8.84	675	4.92	448	3.42	...	...	...	...	...	...	...
2.63	2.65	6.90	1328	4.38	664	2.45	440	1.72	...	6.1	7.2	8.0	9.0	10.0	11.0
2.66	5.30	14.00	1317	12.08	659	6.83	437	4.75	...	...	...	...	...	...	...
2.69	3.00	8.00	1299	5.48	649	3.05	430	2.13	...	...	...	6.6	7.7	8.8	9.8
2.77	6.90	19.00	1265	15.90	633	9.31	419	6.50	...	...	...	...	...	...	...
2.82	5.00	14.00	1242	11.29	621	6.36	412	4.41	...	...	...	...	...	...	...
2.89	2.80	8.00	1211	4.86	605	2.71	401	1.89	...	...	...	6.8	7.8	8.9	9.9
2.93	3.65	10.60	1194	7.46	597	4.15	396	2.88	...	...	...	...	...	...	...
2.94	6.50	19.00	1191	15.01	596	8.71	395	6.07	...	...	...	...	...	...	...
2.97	4.75	14.00	1179	10.61	590	5.95	391	4.13	...	...	...	...	...	...	...
3.06	2.65	8.00	1145	4.38	572	2.45	379	1.72	...	...	...	6.9	7.9	9.0	10.0
3.13	4.50	14.00	1116	9.92	558	5.55	370	3.85	...	...	...	...	...	...	...
ARC-LENGTH CORRECTION FACTOR →									...	.75	.78	.80	.82	.84	.85

* NOTE: Stock belt size 3VX250 not shown

NOTE: Selection program VIA-VISA available at www.ptwizd.com.

SELECTION



3VX STOCK DRIVE SELECTIONS

Speed Ratio	Belt Number and Approx. Center Distance																							
	3VX	3VX	3VX	3VX	3VX	3VX	3VX	3VX	3VX	3VX	3VX	3VX	3VX	3VX	3VX	3VX	3VX	3VX	3VX	3VX	3VX	3VX	3VX	
	400	425	450	475	500	530	560	600	630	670	710	750	800	850	900	950	1000	1060	1120	1180	1250	1320	1400	1500
1.79	11.9	13.2	15.5	15.7	17.0	18.5	20.0	22.0	23.5	25.5	27.5	29.5	32.0	34.5	37.0	39.5	42.0	45.0	48.0	51	55	58	62	67
	10.0	11.3	12.6	13.8	15.1	16.6	18.1	20.1	21.6	23.6	25.6	27.6	30.1	32.6	35.1	37.6	40.1	43.2	46.2	49	53	56	60	65
1.80	13.8	15.1	16.3	17.6	18.8	20.3	21.8	23.9	25.4	27.4	29.4	31.4	33.9	36.4	38.9	41.4	43.9	46.9	49.9	53	56	60	64	69
	12.6	13.8	15.1	16.4	17.6	19.1	20.6	22.6	24.1	26.1	28.1	30.1	32.6	35.1	37.6	40.1	42.6	45.6	48.6	52	55	59	63	68
1.81	...	...	...	...	...	...	...	...	...	...	...	...	...	18.8	21.4	23.9	26.4	29.5	32.5	36	39	43	47	52
1.88	14.2	15.4	16.7	17.9	19.2	20.7	22.2	24.2	25.7	27.7	29.7	31.7	34.2	36.7	39.2	41.7	44.2	47.2	50.2	53	57	60	64	69
1.90	13.2	14.4	15.7	16.9	18.2	19.7	21.2	23.2	24.7	26.7	28.7	30.7	33.2	35.7	38.2	40.7	43.2	46.2	49.2	52	56	59	63	68
1.90	13.9	15.2	16.5	17.7	19.0	20.5	22.0	24.0	25.5	27.5	29.5	31.5	34.0	36.5	39.0	41.5	44.0	47.0	50.0	53	56	60	64	69
	11.6	12.9	14.1	15.4	16.6	18.1	19.7	21.7	23.2	25.2	27.2	29.2	31.7	34.2	36.7	39.2	41.7	44.7	47.7	51	54	58	62	67
1.91	...	...	9.5	10.7	12.0	13.6	15.1	17.1	18.6	20.6	22.6	24.7	27.2	29.7	32.2	34.7	37.2	40.2	43.2	46	50	53	57	62
1.91	13.6	14.8	16.1	17.3	18.6	20.1	21.6	23.6	25.1	27.1	29.1	31.1	33.6	36.1	38.6	41.1	43.6	46.6	49.6	53	56	60	64	69
1.92	12.7	14.0	15.3	16.5	17.8	19.3	20.8	22.8	24.3	26.3	28.3	30.3	32.8	35.3	37.8	40.3	42.8	45.8	48.8	52	55	59	63	68
1.95	12.2	13.4	14.7	15.9	17.2	18.7	20.2	22.2	23.7	25.7	27.7	29.7	32.2	34.7	37.2	39.7	42.2	45.2	48.2	51	55	58	62	67
	10.3	11.6	12.8	14.1	15.4	16.9	18.4	20.4	21.9	23.9	25.9	27.9	30.4	32.9	35.4	37.9	40.4	43.4	46.4	49	53	56	60	65
2.01	...	...	9.7	10.9	12.2	13.8	15.3	17.3	18.8	20.9	22.9	24.9	27.4	29.9	32.4	34.9	37.4	40.4	43.4	46	50	53	58	62
2.02	13.7	15.0	16.2	17.5	18.7	20.2	21.7	23.7	25.2	27.2	29.2	31.2	33.7	36.2	38.7	41.2	43.7	46.7	49.7	53	56	60	64	69
	13.3	14.6	15.8	17.1	18.4	19.9	21.4	23.4	24.9	26.9	28.9	30.9	33.4	35.9	38.4	40.9	43.4	46.4	49.4	52	56	59	63	68
2.04	12.8	14.1	15.4	16.6	17.9	19.4	20.9	22.9	24.4	26.4	28.4	30.4	32.9	35.4	37.9	40.4	42.9	45.9	48.9	52	55	59	63	68
2.04	...	...	...	...	...	...	...	13.1	14.7	16.7	18.8	20.8	23.3	25.8	28.4	30.9	33.4	36.4	39.4	42	46	49	53	58
2.08	12.3	13.6	14.8	16.1	17.3	18.9	20.4	22.4	23.9	25.9	27.9	29.9	32.4	34.9	37.4	39.9	42.4	45.4	48.4	51	55	58	62	67
	11.8	13.1	14.3	15.6	16.9	18.4	19.9	21.9	23.4	25.4	27.4	29.4	31.9	34.4	36.9	39.4	41.9	44.9	47.9	51	54	58	64	67
2.13	.90	.91	.92	.93	.94	.95	.97	.98	.99	1.00	1.01	1.02	1.03	1.05	1.06	1.07	1.08	1.09	1.10	1.11	1.12	1.13	1.14	1.15
	13.4	14.7	16.0	17.2	18.5	20.0	21.5	23.5	25.0	27.0	29.0	31.0	33.5	36.0	38.5	41.0	43.5	46.5	49.5	53	56	60	63	69
2.16	...	...	9.9	11.2	12.4	14.0	15.5	17.5	19.0	21.1	23.1	25.1	27.6	30.1	32.6	35.1	37.6	40.7	43.7	47	50	54	58	63
	13.0	14.3	15.5	16.8	18.0	19.5	21.0	23.0	24.5	26.5	28.5	30.6	33.1	35.6	38.1	40.6	43.1	46.1	49.1	52	56	59	63	68
2.19	...	...	...	...	...	...	...	13.4	14.9	17.0	19.0	21.1	23.6	26.1	28.7	31.2	33.7	36.7	39.7	43	46	50	54	59
2.21	12.4	13.7	14.9	16.2	17.5	19.0	20.5	22.5	24.0	26.0	28.0	30.0	32.5	35.0	37.5	40.0	42.5	45.5	48.5	52	55	59	63	68
	12.0	13.2	14.5	15.7	17.0	18.5	20.0	22.0	23.5	25.5	27.5	29.6	32.1	34.6	37.1	39.6	42.1	45.1	48.1	50	55	58	61	67
2.24	10.6	11.9	13.2	14.4	15.7	17.2	18.7	20.7	22.2	24.3	26.3	28.3	30.8	33.3	35.8	38.3	40.8	43.8	46.8	50	53	57	61	66
2.24	...	...	10.0	11.3	12.6	14.1	15.7	17.7	19.2	21.2	23.3	25.3	27.8	30.3	32.8	35.3	37.8	40.8	43.9	47	50	54	58	63
2.29	13.1	14.4	15.6	16.9	18.1	19.6	21.1	23.1	24.7	26.7	28.7	30.7	33.2	35.7	38.2	40.7	43.2	46.2	49.2	52	56	59	63	68
2.32	12.1	13.3	14.6	15.9	17.1	18.6	20.1	22.1	23.6	25.7	27.7	29.7	32.2	34.7	37.2	39.7	42.2	45.2	48.2	51	55	58	62	67
2.34	...	...	...	...	...	...	11.6	13.7	15.3	17.3	19.4	21.4	24.0	26.5	29.0	31.5	34.1	37.1	40.1	43	47	50	54	59
2.35	12.6	13.8	15.1	16.3	17.6	19.1	20.6	22.6	24.1	26.1	28.1	30.1	32.6	35.2	37.7	40.2	42.7	45.7	48.7	52	55	59	63	68
2.36	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	20.8	24.0	27.1	30	34	37	41	46
2.37	...	8.9	10.2	11.5	12.8	14.3	15.9	17.9	19.4	21.4	23.4	25.5	28.0	30.5	33.0	35.5	38.0	41.0	44.0	47	51	54	58	63
2.38	...	...	...	...	...	...	...	...	...	...	...	15.3	18.0	20.6	23.2	25.7	28.3	31.3	34.4	37	41	44	48	54
2.41	10.8	12.1	13.4	14.7	15.9	17.4	18.9	21.0	22.5	24.5	26.5	28.5	31.0	33.5	36.0	38.5	41.0	44.0	47.0	50	54	57	61	66
2.48	12.7	13.9	15.2	16.5	17.7	19.2	20.7	22.7	24.2	26.2	28.3	30.3	32.8	35.3	37.8	40.3	42.8	45.8	48.8	52	55	59	63	68
2.49	12.2	13.5	14.7	16.0	17.3	18.8	20.3	22.3	23.8	25.8	27.8	29.8	32.3	34.8	37.3	39.8	42.3	45.3	48.3	51	55	58	62	67
2.51	...	...	...	...	...	...	11.9	14.0	15.5	17.6	19.7	21.7	24.3	26.8	29.3	31.8	34.4	37.4	40.4	43	47	50	54	59
	.89	.90	.91	.92	.93	.95	.96	.97	.98	.99	1.01	1.02	1.03	1.04	1.05	1.06	1.07	1.08	1.10	1.11	1.12	1.13	1.14	1.15
2.56	11.0	12.3	13.5	14.8	16.1	17.6	19.1	21.1	22.6	24.6	26.6	28.6	31.2	33.7	36.2	38.7	41.2	44.2	47.2	50	54	57	61	66
2.59	...	9.1	10.4	11.7	13.0	14.6	16.1	18.2	19.7	21.7	23.7	25.7	28.3	30.8	33.3	35.8	38.3	41.3	44.3	47	51	54	58	63
2.63	12.3	13.6	14.9	16.1	17.4	18.9	20.4	22.4	23.9	25.9	27.9	29.9	32.4	34.9	37.4	39.9	42.5	45.5	48.5	51	55	58	62	67
2.66	...	...	...	...	...	...	12.1	14.2	15.7	17.8	19.9	21.9	24.5	27.0	29.5	32.1	34.6	37.6	40.6	44	47	51	55	60
2.69	11.1	12.4	13.6	14.9	16.2	17.7	19.2	21.2	22.7	24.7	26.7	28.8	31.3	33.8	36.3	38.8	41.3	44.3	47.3	50	54	57</		



SELECTION

3VX STOCK DRIVE SELECTIONS

Speed Ratio	Stock Sheaves		3500 RPM Driver		1750 RPM Driver		1160 RPM Driver		Belt Number and Approx. Center Distance			
	Outside Diam.		Driven RPM	HP/Belt 3VX	Driven RPM	HP/Belt 3VX	Driven RPM	HP/Belt 3VX	3VX 425	3VX 450	3VX 475	3VX 500
	Driver	Driven										
3.14	8.00	25.00	1115	18.09	558	10.94	370	7.67	...	...	...	...
3.17	10.60	33.50	1104	21.52	552	14.52	366	10.33	...	...	...	...
3.18	6.00	19.00	1099	13.84	549	7.94	364	5.52	...	...	...	...
3.20	3.35	10.60	1095	6.56	547	3.65	363	2.54	9.6	10.9	12.3	13.6
3.40	3.15	10.60	1028	5.95	514	3.31	341	2.31	9.7	11.1	12.4	13.7
3.41	5.60	19.00	1025	12.85	513	7.31	340	5.08	...	...	...	...
3.43	4.12	14.00	1021	8.85	511	4.93	338	3.42	...	...	...	...
3.58	3.00	10.60	979	5.49	489	3.05	324	2.13	9.8	11.2	12.5	13.8
3.61	5.30	19.00	970	12.09	485	6.84	321	4.75	...	...	...	...
3.64	6.90	25.00	961	15.91	480	9.32	318	6.50	...	...	...	...
3.83	5.00	19.00	914	11.29	457	6.36	303	4.42	...	...	...	...
3.84	2.80	10.60	912	4.86	456	2.71	302	1.90	10.0	11.3	12.6	13.9
ARC-LENGTH CORRECTION FACTOR →									.88	.89	.91	.92
3.87	6.50	25.00	905	15.02	452	8.71	300	6.07	...	...	...	...
3.88	3.65	14.00	903	7.47	452	4.15	299	2.89	...	...	...	...
4.03	4.75	19.00	868	10.62	434	5.96	288	4.14	...	...	...	...
4.06	2.65	10.60	863	4.39	431	2.46	286	1.72	10.1	11.4	12.7	14.0
4.19	6.00	25.00	835	13.85	417	7.94	277	5.52	...	...	...	...
4.21	8.00	33.50	832	18.09	416	10.95	276	7.67	...	...	...	...
4.23	3.35	14.00	828	6.57	414	3.65	274	2.54	...	...	...	10.0
4.26	4.50	19.00	822	9.93	411	5.55	272	3.86	...	...	...	...
4.50	3.15	14.00	778	5.96	389	3.31	258	2.31	...	...	...	10.1
	5.60	25.00	779	12.86	389	7.31	258	5.08	...	...	...	...
4.66	4.12	19.00	752	8.85	376	4.93	249	3.42	...	...	...	...
4.73	3.00	14.00	740	5.49	370	3.06	245	2.13	...	...	...	10.2
4.75	5.30	25.00	736	12.09	368	6.84	244	4.75	...	...	...	...
4.88	6.90	33.50	717	15.91	358	9.32	238	6.50	...	...	...	...
5.04	5.00	25.00	694	11.30	347	6.36	230	4.42	...	...	...	...
5.07	2.80	14.00	690	4.87	345	2.72	229	1.90	...	...	...	10.3
5.19	6.50	33.50	675	15.02	337	8.71	224	6.07	...	...	...	...
5.26	3.65	19.00	665	7.47	332	4.15	220	2.89	...	...	...	...
5.31	4.75	25.00	659	10.62	330	5.96	219	4.14	...	...	...	...
5.37	2.65	14.00	652	4.39	326	2.46	216	1.72	...	...	...	10.4
ARC-LENGTH CORRECTION FACTOR →									.80	.83	.85	.87
5.61	4.50	25.00	624	9.93	312	5.55	207	3.86	...	...	...	...
5.62	6.00	33.50	623	13.85	311	7.94	206	5.52	...	...	...	...
5.74	3.35	19.00	609	6.57	305	3.65	202	2.54	...	...	...	...
6.03	5.60	33.50	581	12.86	290	7.32	192	5.08	...	...	...	...
6.11	3.15	19.00	573	4.91	286	2.84	190	2.31	...	...	...	...
6.13	4.12	25.00	571	8.85	285	4.93	189	3.43	...	...	...	...
6.37	5.30	33.50	549	12.09	275	6.84	182	4.75	...	...	...	...
6.42	3.00	19.00	545	5.49	272	3.06	181	2.13	...	...	...	...
6.76	5.00	33.50	518	11.30	259	6.36	172	4.42	...	...	...	...
6.89	2.80	19.00	508	4.87	254	2.72	168	1.90	...	...	...	...
6.93	3.65	25.00	505	7.48	253	4.15	167	2.89	...	...	...	...
7.12	4.75	33.50	492	10.62	246	5.96	163	4.14	...	...	...	...
7.29	2.65	19.00	480	4.39	240	2.46	159	1.72	...	...	...	...
7.52	4.50	33.50	466	9.93	233	5.56	154	3.86	...	...	...	...
7.56	3.35	25.00	463	6.57	231	3.65	153	2.54	...	...	...	...
8.05	3.15	25.00	435	5.96	217	3.31	144	2.31	...	...	...	...
8.22	4.12	33.50	426	8.85	213	4.93	141	3.43	...	...	...	...
8.46	3.00	25.00	414	5.50	207	3.06	137	2.13	...	...	...	...
9.07	2.80	25.00	386	4.87	193	2.72	128	1.90	...	...	...	...
9.29	3.65	33.50	377	7.48	188	4.15	125	2.89	...	...	...	...
ARC-LENGTH CORRECTION FACTOR →									...	...	...	...
9.60	2.65	25.00	365	4.39	182	2.46	121	1.72	...	...	...	...
10.14	3.35	33.50	345	6.57	173	3.65	114	2.54	...	...	...	...
10.79	3.15	33.50	324	5.96	162	3.31	108	2.31	...	...	...	...
11.34	3.00	33.50	309	5.50	154	3.06	102	2.13	...	...	...	...
12.16	2.80	33.50	288	4.87	144	2.72	95	1.90	...	...	...	...
12.87	2.65	33.50	272	4.39	136	2.46	90	1.72	...	...	...	...
ARC-LENGTH CORRECTION FACTOR →									...	...	...	...

* Note: Stock belt sizes 3VX250 thru 3VX400 not shown

NOTE: Selection program VIA-VISA available at www.ptwizard.com.

SELECTION



3VX STOCK DRIVE SELECTIONS

Speed Ratio	Belt Number and Approx. Center Distance																		
	3VX 530	3VX 560	3VX 600	3VX 630	3VX 670	3VX 710	3VX 750	3VX 800	3VX 850	3VX 900	3VX 950	3VX 1000	3VX 1060	3VX 1120	3VX 1180	3VX 1250	3VX 1320	3VX 1400	3VX 1500
3.14	...	...	...	...	...	...	...	...	...	...	19.8	22.5	25.7	28.8	32.0	35.6	39	43	48
3.17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	25.3	29	33	39
3.18	...	...	...	...	...	14.4	16.6	19.3	21.9	24.5	27.1	29.7	32.7	35.8	38.8	42.4	46	50	55
3.20	15.1	16.7	18.7	20.2	22.3	24.3	26.3	28.8	31.3	33.9	36.4	38.9	41.9	44.9	47.9	51.4	55	59	64
3.40	15.2	16.8	18.8	20.4	22.4	24.4	26.4	29.0	31.5	34.0	36.5	39.0	42.0	45.1	48.1	51.6	55	59	64
3.41	...	...	...	...	...	14.7	16.9	19.5	22.2	24.8	27.4	29.9	33.0	36.1	39.1	42.7	46	50	55
3.43	11.2	12.8	15.0	16.5	18.6	20.7	22.7	25.3	27.8	30.4	32.9	35.4	38.5	41.5	44.5	48.0	52	56	61
3.58	15.3	16.9	18.9	20.5	22.5	24.5	26.6	29.1	31.6	34.1	36.6	39.1	42.2	45.2	48.2	51.7	55	59	64
3.61	...	...	...	...	...	14.8	17.0	19.7	22.4	25.0	27.6	30.1	33.2	36.3	39.3	42.9	46	50	56
3.64	...	...	...	...	...	...	...	...	...	17.6	20.5	23.2	26.4	29.6	32.7	36.3	40	44	49
3.83	...	...	...	...	...	15.0	17.2	19.9	22.6	25.2	27.8	30.4	33.4	36.5	39.5	43.1	47	51	56
3.84	15.5	17.0	19.1	20.6	22.6	24.7	26.7	29.2	31.7	34.3	36.8	39.3	42.3	45.3	48.3	51.8	55	59	64
	.93	.94	.95	.97	.98	.99	1.00	1.02	1.03	1.04	1.05	1.06	1.08	1.09	1.10	1.11	1.12	1.13	1.14
3.87	...	...	...	...	...	...	...	...	...	17.9	20.7	23.4	26.7	29.8	33.0	36.6	40	44	49
3.88	11.5	13.1	15.3	16.9	18.9	21.0	23.1	25.6	28.2	30.7	33.2	35.8	38.8	41.8	44.8	48.4	52	56	61
4.03	...	...	...	...	...	15.2	17.4	20.1	22.7	25.4	27.9	30.5	33.6	36.7	39.7	43.3	47	51	56
4.06	15.6	17.1	19.2	20.7	22.8	24.8	26.8	29.3	31.9	34.4	36.9	39.4	42.4	45.4	48.4	51.9	55	59	64
4.19	...	...	...	...	...	...	...	...	...	18.2	21.0	23.8	27.0	30.2	33.3	36.9	41	45	50
4.21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	22.9	26.9	31	35	44
4.23	11.7	13.3	15.5	17.0	19.1	21.2	23.3	25.8	28.4	30.9	33.5	36.0	39.0	42.0	45.1	48.6	52	56	61
4.26	...	...	...	...	...	15.3	17.6	20.3	22.9	25.5	28.1	30.7	33.8	36.8	39.9	43.4	47	51	56
4.50	11.8	13.4	15.6	17.2	19.3	21.3	23.4	26.0	28.5	31.1	33.6	36.1	39.2	42.2	45.2	48.7	52	46	61
4.66	...	...	...	...	13.3	15.6	17.8	20.5	23.2	25.8	28.4	31.0	34.0	37.1	40.2	43.7	47	51	56
4.73	...	13.5	15.7	17.3	19.4	21.4	23.5	26.1	28.6	31.2	33.7	36.2	39.3	42.3	45.3	48.8	52	56	61
4.75	...	...	...	...	...	...	...	...	...	18.6	21.5	24.2	27.4	30.6	33.8	37.4	41	45	50
4.88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	23.5	27.6	31	36	41
5.04	...	...	...	...	...	...	...	...	...	18.8	21.6	24.4	27.6	30.8	34.0	37.6	41	45	50
5.07	12.0	13.7	15.8	17.4	19.5	21.6	23.6	26.2	28.8	31.3	33.8	36.4	39.4	42.4	45.5	49.0	53	57	62
5.19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	23.8	27.8	32	36	41
5.26	...	...	...	...	13.5	15.9	18.1	20.8	23.5	26.1	28.7	31.3	34.4	37.4	40.5	44.1	48	52	57
5.31	...	...	...	...	...	...	...	...	...	18.9	21.8	24.6	27.8	31.0	34.1	37.8	41	46	51
5.37	12.1	13.8	15.9	17.5	19.6	21.7	23.8	26.3	28.9	31.4	34.0	36.5	39.5	42.6	45.6	49.1	53	57	62
	.89	.91	.93	.94	.96	.97	.99	1.00	1.02	1.03	1.04	1.05	1.07	1.08	1.09	1.10	1.11	1.12	1.13
5.61	...	...	...	...	...	...	...	...	...	19.1	21.9	24.7	28.0	31.2	34.3	38.0	42	46	51
5.62	...	...	...	...	...	...	...	...	...	...	...	...	...	...	24.1	28.1	32	36	42
5.74	...	...	...	...	13.7	16.0	18.3	21.0	23.7	26.3	28.9	31.5	34.6	37.6	40.7	44.3	48	52	57
6.03	...	...	...	...	...	...	...	...	...	...	...	...	...	...	24.3	28.4	32	37	42
6.11	...	...	...	...	13.8	16.2	18.4	21.1	23.8	26.4	29.0	31.6	34.7	37.8	40.8	44.4	48	52	57
6.13	...	...	...	...	...	...	...	...	...	16.3	19.3	22.2	25.0	28.2	31.4	34.6	38.2	42	46
6.37	...	...	...	...	...	...	...	...	...	...	...	...	...	...	24.5	28.6	32	39	42
6.42	...	...	...	...	13.9	16.3	18.5	21.2	23.9	26.5	29.1	31.7	34.8	37.9	40.9	44.5	48	52	57
6.76	...	...	...	...	...	...	...	...	...	...	...	...	...	20.9	24.7	28.7	33	37	42
6.89	...	...	...	...	14.1	16.4	18.6	21.4	24.0	26.7	29.3	31.9	34.9	38.0	41.1	44.7	48	52	57
6.93	...	...	...	...	...	...	...	...	...	16.6	19.6	22.5	25.3	28.5	31.7	34.9	38.5	42	46
7.12	...	...	...	...	...	...	...	...	...	...	...	...	...	21.1	24.8	28.9	33	37	43
7.29	...	...	...	...	14.1	16.5	18.7	21.4	24.1	26.8	29.4	32.0	35.1	38.1	41.2	44.8	48	52	57
7.52	...	...	...	...	...	...	...	...	...	...	...	...	...	21.2	25.0	29.1	33	37	43
7.56	...	...	...	...	...	...	...	...	...	16.7	19.8	22.7	25.4	28.7	31.9	35.1	38.7	42	46
8.05	...	...	...	...	...	...	...	...	...	16.9	19.9	22.8	25.6	28.8	32.0	35.2	38.9	42	47
8.22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	21.4	25.2	29.3	33	38
8.46	...	...	...	...	...	...	...	...	...	17.0	20.0	22.9	25.7	28.9	32.1	35.3	39.0	43	47
9.07	...	...	...	...	...	...	...	...	...	17.1	20.1	23.0	25.8	29.1	32.3	35.4	39.1	43	47
9.29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	21.7	25.5	29.6	34	38
	.78	.86	.92	.96	1.00	1.02	1.04	1.05	1.07	1.08	1.09	1.10	1.11	1.12	1.13	1.14	1.15	1.16	1.17
9.60	...	...	...	...	...	...	...	...	...	17.2	20.2	23.1	25.9	29.2	32.4	35.5	39.2	43	47
10.14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	21.9	25.6	29.8	34	38
10.79	...	...	...	...	...	...	...	...	...	...	...	...	...	...	22.0	25.8	29.9	34	38
11.34	...	...	...	...	...	...	...	...	...	...	...	...	...	...	22.1	25.8	30.0	34	38
12.16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	22.2	26.0	30.1	34	38
12.87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	22.3	26.1	30.2	34	39
	.78	.86	.92	.96	1.00	1.02	1.04	1.05	1.07	1.08	1.09	1.10	1.11	1.12	1.13	1.14	1.15	1.16	1.17

Arc & Length Factors are approximate values
Refer to Selection Procedure for more precise values
NOTE: Selection program VIA-VISA available at www.ptwizrd.com.



SELECTION

5VX

D-V Wedge
Single Belts to 200"
POLYBAND to 200"

5V

D-V Wedge
Single Belts over 200"
POLYBAND over 200"

STOCK DRIVE SELECTION

Ratio	Stock Sheaves		1750 RPM Driver			1160 RPM Driver			870 RPM Driver			Belt Number and Approx. Center Distance**							
	Diameter		Driven	HP/Belt		Driven	HP/Belt		Driven	HP/Belt		5VX	5VX	5VX	5VX	5VX	5VX	5VX	5VX
	Driver	Driven		5VX	5V		5VX	5V		5VX	5V	500	560	600	630	670	710	750	800
1.00	4.40	4.40	1750	8.2	3.9	1160	5.9	3.1	870	5.6	2.6	18.1	21.1	23.1	24.6	26.6	28.6	30.6	33.1
	4.65	4.65	1750	9.4	5.0	1160	6.1	3.9	870	5.3	3.2	17.7	20.7	22.7	24.2	26.2	28.2	30.2	32.7
	4.90	4.90	1750	10.6	6.2	1160	7.5	4.7	870	5.9	3.8	17.3	20.3	22.3	23.8	25.8	27.8	29.8	32.3
	5.20	5.20	1750	11.9	7.5	1160	8.5	5.6	870	6.6	4.5	16.8	19.8	21.8	23.3	25.3	27.3	29.3	31.8
	5.50	5.50	1750	13.3	8.8	1160	9.4	6.6	870	7.3	5.2	16.4	19.4	21.4	22.9	24.9	26.9	28.9	31.4
	5.90	5.90	1750	15.1	10.6	1160	10.7	7.8	870	8.3	6.2	15.7	18.7	20.7	22.2	24.2	26.2	28.2	30.7
	6.30	6.30	1750	16.9	12.6	1160	11.9	9.0	870	9.3	7.1	15.1	18.1	20.1	21.6	23.6	25.6	27.6	30.1
	6.70	6.70	1750	18.7	13.9	1160	13.2	10.2	870	10.4	8.1	14.5	17.5	19.5	21.0	23.0	25.0	27.0	29.5
	7.10	7.10	1750	20.4	15.6	1160	14.4	11.4	870	11.0	9.0	13.9	16.8	18.8	20.3	22.3	24.3	26.3	28.8
	7.50	7.50	1750	22.1	17.2	1160	15.6	12.6	870	12.2	9.9	13.2	16.2	18.2	19.7	21.7	23.7	25.7	28.2
	8.00	8.00	1750	24.3	19.2	1160	17.0	14.1	870	13.3	11.1	12.4	15.4	17.4	18.9	20.9	22.9	24.9	27.4
	8.50	8.50	1750	26.4	21.2	1160	18.7	15.5	870	14.0	12.2	11.7	14.6	16.6	18.1	20.1	22.1	24.1	26.6
	9.00	9.00	1750	28.4	23.0	1160	20.1	17.0	870	15.7	13.4	10.9	13.9	15.9	17.4	19.4	21.4	23.4	25.9
	9.25	9.25	1750	29.4	24.0	1160	20.9	17.7	870	16.4	13.9	10.5	13.5	15.5	17.0	19.0	21.0	23.0	25.5
	9.75	9.75	1750	31.4	25.8	1160	22.4	19.1	870	17.4	15.1	...	12.7	14.7	16.2	18.2	20.2	22.2	24.7
	10.30	10.30	1750	33.6	27.7	1160	24.0	20.6	870	18.6	16.3	...	11.8	13.8	15.3	17.3	19.3	21.3	23.8
	10.90	10.90	1750	35.9	29.7	1160	25.7	22.2	870	20.2	17.6	...	...	12.9	14.4	16.4	18.4	20.4	22.9
	11.30	11.30	1750	37.4	31.0	1160	26.8	23.3	870	20.9	18.5	...	...	...	13.8	15.8	17.8	19.8	22.3
	11.80	11.80	1750	39.3	32.6	1160	28.2	24.6	870	22.0	19.5	...	...	...	...	15.0	17.0	19.0	21.5
	12.50	12.50	1750	41.8	34.7	1160	30.2	26.4	870	23.6	21.0	...	...	...	...	...	15.9	17.9	20.4
	13.20	13.20	1750	44.2	38.7	1160	31.1	28.2	870	25.1	22.5	...	...	...	...	...	...	16.8	19.3
	14.00	14.00	1750	46.9	38.8	1160	34.3	30.2	870	26.9	24.1	...	...	...	...	...	...	...	18.0
	15.00	15.00	1750	...	...	1160	...	...	870	29.0	26.2	...	...	...	...	...	...	...	...
	16.00	16.00	1750	...	...	1160	...	...	870	31.1	28.1	...	...	...	...	...	...	...	...
1.03	9.00	9.25	1702	28.6	23.3	1128	20.3	17.1	845	15.7	13.5	1.07	13.7	15.7	17.2	19.2	21.2	23.2	25.7
1.04	10.90	11.30	1688	36.1	30.1	1119	25.8	22.4	837	20.1	17.7	...	...	12.6	14.1	16.1	18.1	20.1	22.6
	11.30	11.80	1675	37.7	31.4	1110	27.0	23.5	837	21.0	18.6	...	...	...	...	15.4	17.4	19.4	21.9
1.05	4.65	4.90	1659	9.7	5.4	1100	6.9	4.2	829	5.4	3.4	17.5	20.5	22.5	24.0	26.0	28.0	30.0	32.5
	9.25	9.75	1659	29.8	24.4	1100	21.1	17.9	829	16.4	14.1	...	13.1	15.1	16.6	18.6	20.6	22.6	25.1
1.06	4.40	4.65	1654	8.6	4.3	1096	6.1	3.4	821	4.8	2.8	17.9	20.9	22.9	24.4	26.4	28.4	30.4	32.9
	4.90	5.20	1654	10.9	6.6	1096	7.7	5.0	821	6.1	4.0	17.1	20.1	22.1	23.6	25.6	27.6	29.6	32.1
	5.20	5.50	1653	12.3	7.9	1092	8.7	5.9	821	6.8	4.7	16.6	19.6	21.6	23.1	25.1	27.1	29.1	31.6
	6.30	6.70	1644	17.3	12.8	1090	12.2	9.3	821	9.5	7.4	14.8	17.8	19.8	21.3	23.3	25.3	27.3	29.8
	6.70	7.10	1650	19.0	14.4	1094	13.4	10.5	821	10.4	8.3	14.2	17.2	19.2	20.7	22.7	24.7	26.7	29.2
	7.10	7.50	1655	20.7	16.0	1097	14.6	11.7	821	11.4	9.3	13.5	16.5	18.5	20.0	22.0	24.0	26.0	28.5
	8.00	8.50	1646	24.6	19.7	1091	17.4	14.4	821	13.5	11.3	12.0	15.0	17.0	18.5	20.5	22.5	24.5	27.0
	8.50	9.00	1652	26.7	21.6	1095	18.9	15.8	821	14.7	12.5	11.3	14.3	16.3	17.8	19.8	21.8	23.8	26.3
	9.75	10.30	1656	31.8	26.2	1097	22.6	19.4	821	17.6	15.3	...	12.2	14.3	15.8	17.8	19.8	21.8	24.3
	10.30	10.90	1653	33.9	28.2	1096	24.2	20.9	821	18.8	16.5	...	...	13.3	14.8	16.8	18.8	20.8	23.3
	11.80	12.50	1651	39.6	33.1	1095	28.5	24.9	821	22.2	19.8	...	...	...	...	14.4	16.4	18.4	20.9
	12.50	13.20	1656	42.1	35.1	1098	30.4	26.7	821	23.8	21.3	...	...	...	...	...	15.3	17.3	19.8
	13.20	14.00	1649	44.6	37.1	1093	32.4	28.5	821	25.3	22.7	...	...	...	...	...	...	16.1	18.6
ARC-LENGTH CORRECTION FACTOR →												.85	.87	.88	.89	.90	.91	.92	.93
1.07	5.50	5.90	3259	13.7	9.4	1080	9.7	6.9	813	7.6	5.5	16.0	19.0	21.0	22.5	24.5	26.5	28.5	31.0
	5.90	6.30	1629	15.5	11.1	1085	10.9	8.1	813	8.5	6.4	15.4	18.4	20.4	21.9	23.9	25.9	27.9	30.4
	7.50	8.00	1637	22.5	17.7	1087	15.9	12.9	813	12.3	10.2	12.8	15.8	17.8	19.3	21.3	23.3	25.3	27.8
	14.00	15.00	1639	47.0	39.3	1082	34.6	30.5	813	27.1	24.4	...	...	...	...	...	...	...	17.2
	15.00	16.00	1633	...	...	1087	37.2	32.9	813	29.2	26.4	...	...	...	...	...	...	...	...
1.08	9.00	9.75	1640	28.9	23.6	1070	20.5	17.3	806	15.9	13.7	...	13.3	15.3	16.8	18.8	20.8	22.8	25.3
	10.90	11.80	1614	36.4	30.3	1071	26.0	22.6	806	20.3	17.9	...	...	...	13.7	15.7	17.7	19.7	22.2
1.09	8.50	9.25	1615	26.8	21.8	1065	19.0	16.0	798	14.7	12.6	11.1	14.1	16.1	17.6	19.6	21.6	23.6	26.1
1.10	10.30	11.30	1607	34.1	28.4	1056	24.3	21.1	791	18.9	16.6	...	...	13.0	14.5	16.5	18.5	20.5	23.0
1.11	9.25	10.30	1594	30.3	24.7	1041	21.3	18.2	784	16.5	14.3	...	12.6	14.6	16.1	18.1	20.1	22.1	24.6
	11.30	12.50	1570	38.0	31.8	1048	27.2	23.8	784	21.2	18.8	...	...	...	...	14.8	16.8	18.8	21.3
1.12	4.40	4.90	1581	8.8	4.7	1039	6.3	3.6	777	4.9	3.0	17.7	20.7	22.7	24.2	26.2	28.2	30.2	32.7
	4.65	5.20	1568	10.0	5.8	1035	7.1	4.4	777	5.6	3.6	17.3	20.3	22.3	23.8	25.8	27.8	29.8	32.3
	6.70	7.50	1561	19.3	14.7	1035	13.6	10.7	777	10.6	8.5	13.8	16.8	18.8	20.3	22.3	24.3	26.3	28.9
	9.75	10.90	1561	32.0	26.6	1036	22.8	19.6	777	17.7	15.4	...	...	13.8	15.3	17.3	19.3	21.3	23.8
	11.80	13.20	1564	39.9	33.4	1036	28.6	25.1	777	22.3	19.9	...	...	...	...	13.9	15.8	17.9	20.4
	12.50	14.00	1563	42.4	35.5	1035	30.6	27.0	777	23.9	21.4	...	...	...	...	...	14.7	16.7	19.2

NOTE: * 5VX = Single and Polyband belts to 200" length
5V = Single and Polyband belts over 200" long

** Stock belt size 5VX530 not shown

NOTE: Selection program VIA-VISA available at www.ptwizd.com.

SELECTION



5VX D-V Wedge
Single Belts to 200"
POLYBAND to 200"

5V D-V Wedge
Single Belts over 200"
POLYBAND over 200"

STOCK DRIVE SELECTION

Ratio	Belt Number and Approx. Center Distance**																						
	5VX 850	5VX 900	5VX 950	5VX 1000	5VX 1060	5VX 1120	5VX 1180	5VX 1250	5VX 1320	5VX 1400	5VX 1500	5VX 1600	5VX 1700	5VX 1800	5VX 1900	5VX 2000	5V 2120	5V 2240	5V 2360	5V 2500	5V 2800	5V 3150	5V 3550
1.00	35.6	38.1	40.6	43.1	46.1	49.1	52.1	55.6	59.1	63.1	68	73	78	83	88	93	99	105	111	118	133	151	171
	35.2	37.7	40.2	42.7	45.7	48.7	51.7	55.2	58.7	62.7	68	73	78	83	88	93	99	105	111	118	133	150	170
	34.8	37.3	39.8	42.3	45.3	48.3	51.3	54.8	58.3	62.3	67	72	77	82	87	92	98	104	110	117	132	1550	170
	34.3	36.8	39.3	41.8	44.8	47.8	50.8	54.3	57.8	61.8	67	72	77	82	87	92	98	104	110	117	132	149	169
	33.9	36.4	38.9	41.4	44.4	47.4	50.4	53.9	57.4	61.4	66	71	76	81	86	91	97	103	109	116	131	149	169
	33.2	35.7	38.2	40.7	43.7	46.7	49.7	53.2	56.7	60.7	66	71	76	81	86	91	97	103	109	116	131	148	168
	32.6	35.1	37.6	40.1	43.1	46.1	49.1	52.6	56.1	60.1	65	70	75	80	85	90	96	102	108	115	130	148	168
	32.0	34.5	37.0	39.5	42.5	45.5	48.5	52.0	55.5	59.5	64	69	74	79	84	89	95	101	107	115	129	147	167
	31.3	33.8	36.3	38.8	41.8	44.8	47.8	51.3	54.8	58.8	64	69	74	79	84	89	95	101	107	114	129	146	168
	30.7	33.2	35.7	38.2	41.2	44.2	47.2	50.7	54.2	58.2	63	68	73	78	83	88	94	100	106	113	128	146	166
	29.9	32.4	34.9	37.4	40.4	43.4	46.4	49.9	53.4	57.4	62	67	72	77	82	87	93	99	105	112	127	150	165
	29.1	31.6	34.1	36.6	39.6	42.6	45.6	49.1	52.6	56.6	62	67	72	77	82	89	93	99	105	112	127	144	164
	28.4	30.9	33.4	35.9	38.9	41.9	44.9	48.4	51.9	55.9	61	66	71	76	81	86	92	98	104	111	126	143	163
	28.0	30.5	33.0	35.5	38.5	41.5	44.5	48.0	51.5	55.5	60	65	71	75	80	85	91	97	103	111	125	143	163
	27.2	29.7	32.2	34.7	37.7	40.7	43.7	47.2	50.7	54.7	60	65	70	75	80	85	91	97	102	110	124	143	162
	26.3	28.8	31.3	33.8	36.8	39.8	42.8	46.3	49.8	53.8	59	64	69	74	79	84	90	96	102	109	124	141	161
	25.4	27.9	30.4	32.9	35.9	38.9	41.9	45.4	48.9	52.9	58	63	68	73	78	83	89	95	1010	107	123	140	160
	24.8	27.3	29.8	32.3	35.3	38.3	41.3	44.8	48.3	52.3	57	62	67	72	77	82	88	94	100	107	122	140	160
	24.0	26.5	29.0	31.5	34.5	37.5	40.5	44.0	47.5	51.5	56	61	66	72	76	81	87	93	99	106	121	139	159
	22.9	25.4	27.9	30.4	33.4	36.4	39.4	42.9	46.4	50.4	55	60	65	70	75	80	86	92	98	105	120	138	158
	21.8	24.3	26.8	29.3	32.3	35.3	38.3	41.8	45.3	49.3	54	59	64	69	74	79	85	91	97	104	119	137	157
	20.5	23.0	25.5	28.0	31.0	34.0	37.0	40.5	44.0	48.0	53	58	63	68	73	78	84	90	96	103	118	136	155
	19.0	21.4	23.9	26.4	29.4	32.4	35.4	38.9	42.4	46.4	51	56	61	66	71	76	82	88	94	101	116	134	154
	...	19.9	22.4	24.9	27.9	30.9	33.9	37.4	40.9	44.9	50	55	60	645	70	75	81	87	93	100	115	132	152
1.03	28.2	30.7	33.2	35.7	38.7	41.7	44.7	48.2	51.7	55.7	61	66	71	76	81	86	92	98	104	111	126	143	163
1.04	25.1	27.6	30.1	32.6	35.6	38.6	41.6	45.1	48.6	52.6	58	63	68	73	78	83	89	95	101	108	123	140	160
	24.4	26.9	29.4	31.9	34.9	37.9	40.9	44.4	47.9	51.9	57	62	67	72	77	81	88	94	100	107	122	139	159
1.05	35.0	37.5	40.0	42.5	45.5	48.5	51.5	55.0	58.5	62.5	68	72	77	82	87	92	98	104	110	117	132	150	170
	27.6	30.1	32.6	35.1	38.1	41.1	44.1	47.6	51.1	55.1	60	65	70	75	80	85	91	97	103	110	125	143	163
1.06	35.4	37.9	40.4	42.9	45.9	48.9	51.9	55.4	58.9	62.9	68	73	78	83	88	93	99	105	111	118	133	150	170
	34.6	3438	37.3	39.8	42.8	45.8	48.8	52.3	55.8	59.5	65	70	75	80	85	90	96	102	108	115	130	147	167
	34.1	36.6	39.1	41.6	44.6	47.6	50.6	54.1	57.6	61.6	67	72	77	82	87	92	98	104	110	117	132	149	169
	32.3	37.1	39.6	42.1	45.1	4831	51.1	54.6	58.1	62.1	67	72	77	82	87	92	98	104	110	117	132	150	170
	31.7	34.2	36.7	39.2	42.2	45.2	48.2	51.7	55.2	59.2	64	69	74	79	84	89	95	101	107	114	129	147	167
	31.0	33.5	38.0	38.5	41.5	44.5	47.5	51.0	54.5	58.5	64	68	74	78	83	88	94	100	106	113	128	146	166
	29.5	32.0	34.5	37.0	40.0	43.0	46.0	49.5	53.0	57.0	62	67	72	77	82	87	93	99	105	112	127	144	164
	28.8	31.3	33.8	36.3	39.3	42.3	45.3	46.8	52.3	56.3	61	66	71	76	81	86	92	98	104	111	126	144	164
	26.8	29.3	31.8	34.3	37.3	40.3	43.3	46.8	50.3	54.3	59	64	69	74	79	84	90	96	102	109	124	142	162
	25.9	28.3	30.8	33.3	35.3	39.3	42.3	45.8	49.3	53.3	58	63	68	73	78	83	89	95	101	108	123	141	161
	23.4	25.9	28.4	30.9	33.9	36.9	39.9	43.4	46.9	50.9	56	61	66	71	76	81	87	93	99	106	121	138	158
	22.3	24.8	27.3	29.8	32.8	35.8	38.8	42.3	45.8	49.8	55	60	65	70	75	80	86	92	98	105	120	137	157
	21.1	23.6	26.1	28.6	31.6	34.6	37.6	41.1	44.6	48.6	54	59	64	69	74	79	85	91	97	104	119	36	156
	1.07	.94	.95	.95	.96	.97	.98	.99	1.00	1.01	1.02	1.03	1.04	1.05	1.06	1.07	1.08	1.09	1.09	1.10	1.11	1.13	1.15	1.17
33.6		36.0	38.5	41.0	44.0	47.0	50.0	53.5	57.0	61.0	66	71	76	81	86	91	97	103	109	116	131	147	169
32.9		35.4	37.9	40.4	43.4	46.4	49.4	52.9	56.4	60.4	65	70	75	80	85	90	96	102	108	115	130	148	168
30.3		32.8	35.3	37.8	40.8	43.8	46.8	50.3	53.8	57.8	63	68	73	78	83	88	94	100	106	113	128	145	165
19.7		22.2	24.7	27.2	30.2	33.2	36.2	39.7	43.2	47.2	52	57	62	67	72	77	83	89	95	102	117	135	155
18.2		20.6	23.1	25.6	28.6	31.6	34.6	38.1	41.6	45.6	51	56	61	66	71	76	82	88	94	101	116	133	153
1.08	27.8	30.3	32.8	35.3	38.3	41.3	44.3	47.8	51.3	55.3	60	65	70	75	80	85	91	97	103	110	125	143	163
	24.7	27.2	29.7	32.2	35.2	38.2	41.2	44.7	48.2	52.2	57	62	67	72	77	82	88	94	100	107	122	140	160
1.09	28.6	31.1	33.6	36.1	39.1	42.1	45.1	48.6	52.1	56.1	61	66	71	76	81	86	92	98	104	111	126	144	164
1.10	25.5	28.0	30.5	33.0	36.0	39.0	42.0	45.5	49.0	53.0	58	63	68	73	78	83	89	95	101	108	123	140	160
1.11	27.1	29.6	32.1	34.6	37.6	40.6	43.6	47.1	50.6	54.6	60	65	70	75	80	85	91	97	103	110	125	142	162
	23.8	26.3	28.8	31.3	34.3	37.3	40.3	43.8	47.3	51.3	56	61	66	71	76	81	87	93	99	106	121	139	159
1.12	35.2	37.7	40.2	42.7	45.7	48.7	51.7	55.2	58.7	62.7	68	73	78	83	88	93	99	105	111	118	133	150	170
	34.8	37.3																					



SELECTION

5VX D-V Wedge
Single Belts to 200"
POLYBAND to 200"

5V D-V Wedge
Single Belts over 200"
POLYBAND over 200"

STOCK DRIVE SELECTION

Ratio	Stock Sheaves		1750 RPM Driver			1160 RPM Driver			870 RPM Driver			Belt Number and Approx. Center Distance**							
	Diameter		Driven RPM	HP/Belt		Driven RPM	HP/Belt		Driven RPM	HP/Belt		5VX	5VX	5VX	5VX	5VX	5VX	5VX	5VX
	Driver	Driven		5VX	5V		5VX	5V		5VX	5V	500	560	600	630	670	710	750	800
1.13	4.90	5.50	1556	11.2	7.0	1031	7.9	5.2	770	6.2	4.2	16.8	19.8	21.8	23.3	25.3	27.3	29.3	31.8
	6.30	7.10	1550	17.5	13.1	1027	12.4	9.6	770	9.6	7.6	14.5	17.5	19.5	21.0	23.0	25.2	27.2	29.5
	7.10	8.00	1551	21.1	16.4	1028	14.8	12.0	770	11.5	9.4	13.1	16.1	18.1	19.6	21.6	23.6	25.6	28.1
	8.00	9.00	1553	24.9	20.2	1030	17.6	14.6	770	13.6	11.5	11.6	14.6	16.6	18.1	20.1	22.1	24.1	26.6
1.14	5.20	5.90	1539	12.6	8.4	1020	8.9	6.2	763	6.9	4.9	16.3	19.3	21.3	22.8	24.8	26.8	28.8	31.3
	5.90	6.70	1538	15.8	11.4	1019	11.1	8.4	763	8.7	6.6	15.1	18.1	20.1	21.6	23.6	25.6	27.6	30.1
	7.50	8.50	1542	22.8	18.1	1022	16.1	13.2	763	12.5	10.4	12.4	15.4	17.4	18.9	20.9	22.9	24.9	27.4
	13.20	15.00	1539	44.9	37.6	1020	32.6	28.8	763	25.5	22.9	...	...	...	...	...	...	...	17.8
	14.00	16.00	1530	47.6	39.6	1014	34.7	30.8	763	27.2	24.6	...	...	...	...	...	...	...	...
ARC-LENGTH CORRECTION FACTOR →												.85	.87	.86	.89	.90	.91	.91	.92
1.15	5.50	6.30	1524	14.0	9.7	1010	9.9	7.2	757	7.7	5.7	15.7	18.7	20.7	22.2	24.2	26.2	28.2	30.7
	8.50	9.75	1523	27.1	22.4	1010	19.1	16.1	757	14.9	12.7	...	13.7	15.7	17.2	19.2	21.2	23.2	25.7
	9.00	10.30	1527	29.1	24.0	1012	20.6	17.6	757	16.0	13.8	...	12.8	14.8	16.3	18.3	20.3	22.3	24.8
	10.30	11.80	1526	34.3	28.6	1011	24.4	21.2	757	19.0	16.7	...	...	1.26	14.1	16.1	18.1	20.1	22.6
	10.90	12.50	1524	38.6	30.7	1010	26.2	22.8	757	20.4	18.1	...	...	...	1.31	15.1	17.1	19.1	21.6
1.16	8.00	9.25	1511	25.0	20.2	1002	17.6	14.7	750	13.7	11.6	11.4	14.4	16.4	17.9	19.9	21.9	23.9	26.4
	9.75	11.30	1508	32.2	26.7	999	22.8	19.7	750	17.8	15.5	...	...	13.5	14.9	16.9	19.0	21.0	23.5
1.17	11.30	13.20	1496	38.2	32.0	992	27.3	24.0	744	21.3	19.0	...	...	...	...	...	16.2	18.2	20.7
	16.00	18.70	1496	...	...	992	40.0	35.5	744	31.5	28.6	...	...	...	...	...	...	...	...
1.18	9.25	10.90	1483	30.2	25.0	983	21.4	18.4	737	16.6	14.4	...	12.2	14.2	15.7	17.7	19.7	21.7	24.2
ARC-LENGTH CORRECTION FACTOR →												.85	.87	.86	.89	.90	.91	.91	.92
1.19	4.40	5.20	1475	9.1	5.0	978	6.4	3.8	731	5.1	3.1	17.5	20.5	22.5	24.0	26.0	28.0	30.0	32.5
	4.65	5.50	1475	10.2	6.1	977	7.3	4.6	731	5.7	3.7	17.0	20.0	22.0	23.5	25.5	27.5	29.5	32.0
	6.30	7.50	1466	17.7	13.4	972	12.5	9.7	731	9.7	7.7	14.1	17.2	19.2	20.7	22.7	24.7	26.7	29.2
	11.80	14.00	1473	40.1	33.7	976	28.8	25.3	731	22.4	20.1	...	...	...	...	...	15.2	17.2	19.7
1.20	6.70	8.00	1462	19.5	15.1	969	13.7	11.0	725	10.7	8.6	13.4	16.4	18.4	19.9	22.0	24.0	26.0	28.5
	7.10	8.50	1458	21.3	16.7	967	15.0	12.2	725	11.6	9.6	12.7	15.7	17.7	19.2	21.2	23.2	25.2	27.7
	7.50	9.00	1455	23.0	18.4	964	16.2	13.4	725	12.6	10.5	12.0	15.0	17.0	18.5	20.5	22.5	24.5	27.0
	12.50	15.00	1456	42.6	35.8	965	30.8	27.2	725	24.0	21.6	...	...	...	...	...	...	15.9	18.4
1.21	4.90	5.90	1448	11.4	7.3	960	8.1	5.4	719	6.3	4.4	16.5	19.5	21.5	23.0	25.0	27.0	29.0	31.5
	5.90	7.10	1450	16.0	11.7	961	11.3	8.5	719	8.8	6.8	14.8	17.8	19.8	21.3	23.3	25.3	27.3	29.8
	8.50	10.30	1441	27.2	22.3	955	19.2	16.3	719	14.9	12.8	...	13.2	15.2	16.7	18.7	20.7	22.7	25.2
	9.00	10.90	1442	29.3	24.2	956	20.7	17.7	719	16.1	14.0	...	12.3	14.3	15.8	17.8	19.8	21.9	24.4
	9.75	11.80	1443	32.3	26.9	957	22.9	19.8	719	17.8	15.6	...	...	13.0	14.5	16.5	18.5	20.5	23.1
	10.90	13.20	1443	38.8	30.9	956	26.3	23.0	719	20.5	18.2	...	...	...	...	14.5	16.5	18.5	21.0
1.22	13.20	16.00	1442	45.1	37.8	956	32.7	29.0	719	25.6	23.1	...	...	...	...	...	...	...	17.0
	5.20	6.30	1440	12.8	8.7	954	9.1	6.4	713	7.1	5.1	16.0	19.0	21.0	22.5	24.5	26.5	28.5	31.0
	5.50	6.70	1432	14.2	10.0	949	10.0	7.3	713	7.8	5.8	15.4	18.4	20.4	21.9	23.9	25.9	27.9	30.4
	8.00	9.75	1433	25.2	20.4	950	17.7	14.9	713	13.8	11.7	...	14.0	16.0	17.5	19.5	21.5	23.5	26.0
	9.25	11.30	1430	30.3	25.2	948	21.5	18.5	713	16.7	14.5	...	...	13.8	15.3	17.3	19.3	21.3	23.8
1.24	10.30	12.50	1440	34.5	28.9	954	24.6	21.4	713	19.1	16.9	...	...	...	13.6	15.6	17.6	19.6	22.1
	7.50	9.25	1415	23.1	18.5	938	16.3	13.4	702	12.6	10.5	11.8	14.8	16.8	18.3	20.3	22.3	24.3	26.8
1.25	11.30	14.00	1410	38.4	32.3	935	27.5	24.1	702	21.4	19.0	...	...	...	...	...	15.6	17.6	20.1
	15.00	18.70	1402	...	...	929	37.6	33.4	696	29.5	26.8	...	...	...	...	...	...	...	...
1.26	4.40	5.50	1394	9.2	5.2	924	6.6	3.9	690	5.1	3.2	17.2	20.2	22.2	23.7	25.7	27.7	29.7	32.2
	9.00	11.30	1391	29.4	24.3	922	20.8	17.8	690	16.1	14.0	...	12.0	14.0	15.5	17.5	19.5	21.5	24.0
1.27	4.65	5.90	1373	10.4	6.4	910	7.4	4.9	685	5.8	3.8	16.7	19.7	21.7	23.2	25.2	27.2	29.2	31.7
	6.30	8.00	1373	17.9	13.6	910	12.6	9.9	685	9.8	7.8	13.7	16.7	18.7	20.3	22.3	24.3	26.3	28.8
	6.70	8.50	1375	19.7	15.3	911	13.8	11.1	685	10.7	8.7	13.0	16.0	18.0	19.5	21.5	23.6	25.6	28.1
	7.10	9.00	1376	21.4	16.9	912	15.1	12.3	685	11.7	9.7	12.3	15.3	17.3	18.8	20.8	22.8	24.8	27.3
	11.80	15.00	1374	40.3	33.9	911	28.9	25.5	685	22.5	20.2	...	...	...	...	...	...	16.4	18.9
1.28	5.90	7.50	1372	16.1	11.9	909	11.4	8.7	680	8.8	6.9	14.5	17.5	19.5	21.0	23.0	25.0	27.0	29.5
	9.25	11.80	1369	30.5	25.3	907	21.6	18.6	680	16.8	14.6	...	...	13.4	14.9	16.9	18.9	20.9	23.4
	9.75	12.50	1362	32.5	27.1	903	23.0	20.0	680	17.9	15.7	...	...	...	14.0	16.0	18.0	20.0	22.5
	10.30	13.20	1363	34.6	29.1	903	24.6	21.5	680	19.2	16.9	...	...	...	...	15.0	17.0	19.0	21.5
	12.50	16.00	1365	42.8	36.0	905	30.9	27.3	680	24.1	21.7	...	...	...	...	...	...	...	17.5
1.29	4.90	6.30	1355	11.6	7.5	898	8.2	5.6	674	6.4	4.5	162	192	21.2	22.7	24.7	26.7	28.7	31.2
	5.20	6.70	1352	13.0	8.9	896	9.2	6.5	674	7.1	5.2	15.6	1836	20.6	22.1	24.1	26.4	28.1	30.6
	8.00	10.30	1355	25.3	20.6	898	17.8	15.0	674	13.9	11.8	...	13.6	15.6	17.1	19.1	21.1	23.1	25.6
	8.50	10.90	1361	27.4	22.5	902	19.3	16.4	674	15.0	12.9	...	12.7	14.7	16.2	18.2	20.2	22.2	24.7
	10.90	14.00	1360	37.0	31.1	901	26.4	23.1	674	20.5	18.3	...	...	...	...	13.9	15.9	17.9	20.4

NOTE: * 5VX = Single and Polyband belts to 200" length
5V = Single and Polyband belts over 200" long

** Stock belt size 5VX530 not shown

NOTE: Selection program VIA-VISA available at www.ptwizd.com.

STOCK DRIVE SELECTION

Roller Chain Sprockets

PT7-75

SELECTION



5VX D-V Wedge
Single Belts to 200"
POLYBAND to 200"

5V D-V Wedge
Single Belts over 200"
POLYBAND over 200"

STOCK DRIVE SELECTION

Ratio	Stock Sheaves		1750 RPM Driver			1160 RPM Driver			870 RPM Driver			Belt Number and Approx. Center Distance**							
	Diameter		Driven RPM	HP/Belt		Driven RPM	HP/Belt		Driven RPM	HP/Belt		5VX 500	5VX 560	5VX 600	5VX 630	5VX 670	5VX 710	5VX 750	5VX 800
	Driver	Driven		5VX	5V		5VX	5V		5VX	5V								
1.30	5.50	7.10	1350	14.4	10.2	895	10.1	7.5	669	7.9	5.9	15.1	18.1	20.1	21.6	23.6	25.6	27.6	30.1
	7.50	9.75	1342	23.2	18.6	890	16.3	13.5	669	12.7	10.6	11.4	14.4	16.4	17.9	19.9	21.9	23.9	26.4
ARC-LENGTH CORRECTION FACTOR →												.84	.86	.87	.88	.89	.90	.91	.92
1.31	7.10	9.25	1339	21.5	17.0	887	15.1	12.3	664	11.7	9.7	12.1	15.1	17.1	18.6	20.6	22.6	24.6	27.1
	9.00	11.80	1331	29.5	24.5	882	20.9	17.9	664	16.2	14.1	...	...	13.6	15.1	17.1	19.1	21.1	23.6
1.33	8.50	11.30	1313	27.5	22.6	870	19.4	16.5	654	15.1	13.0	...	12.4	14.4	15.9	17.9	19.9	21.9	24.4
	11.30	15.00	1315	38.5	32.5	872	27.6	24.2	654	21.5	19.2	...	...	...	...	...	14.7	16.8	19.3
	16.00	21.20	1319	...	...	874	...	...	654	31.7	28.9	...	...	...	...	...	...	...	...
1.34	14.00	18.70	1308	48.0	40.2	867	35.0	31.1	649	27.4	24.9	...	...	...	...	...	...	...	...
1.35	4.40	5.90	1297	9.4	5.4	860	6.7	4.1	644	5.2	3.3	16.9	19.9	21.9	23.4	25.4	27.4	29.4	31.9
	6.30	8.50	1292	18.0	13.7	856	12.7	10.2	644	9.9	7.9	13.3	16.3	18.3	19.9	21.8	23.9	25.9	28.4
	6.70	9.00	1298	19.8	15.4	860	13.9	11.2	644	10.8	8.8	12.6	15.6	17.6	19.1	21.1	23.1	25.1	27.7
1.36	4.65	6.30	1284	10.6	6.5	851	7.5	4.9	640	5.8	3.9	16.4	19.4	21.4	22.9	24.9	26.9	28.9	31.4
	5.90	8.00	1285	16.3	12.1	852	11.4	8.8	640	8.9	6.9	14.2	17.1	19.1	20.6	22.6	24.6	26.6	29.1
	9.25	12.50	1291	30.5	25.5	856	21.6	18.7	640	16.8	14.7	...	...	12.8	14.3	16.3	18.3	20.4	22.9
	9.75	13.20	1289	32.6	27.3	855	23.1	20.1	640	18.0	15.8	...	...	...	13.4	15.4	17.4	19.4	21.9
	10.30	14.00	1284	34.8	29.2	851	24.7	21.5	640	19.2	17.0	...	...	...	...	14.3	16.3	18.3	20.8
	11.80	16.00	1288	4.04	34.1	854	29.0	25.6	640	22.6	20.3	...	...	...	...	...	...	15.5	18.0
ARC-LENGTH CORRECTION FACTOR →												.82	.84	.85	.86	.87	.88	.90	.91
1.37	5.20	7.10	1275	13.1	9.0	845	9.2	6.6	635	7.2	5.3	15.3	18.3	20.3	21.8	23.8	25.8	27.8	30.3
	5.50	7.50	1277	14.5	10.3	846	10.2	7.5	635	7.9	5.60	14.8	17.8	19.8	21.3	23.3	25.3	27.3	29.8
	8.00	10.90	1280	25.4	20.7	849	17.9	15.1	635	13.9	11.8	...	13.1	15.1	16.6	18.6	20.6	22.6	25.1
1.38	4.90	6.70	1273	11.7	7.7	844	8.3	5.7	630	6.5	4.5	15.9	18.9	20.9	22.4	24.4	26.4	28.4	30.9
	7.10	9.75	1269	21.6	17.1	841	15.2	12.4	630	11.8	9.8	11.7	14.7	16.7	18.2	20.2	22.2	24.2	26.7
	7.50	10.30	1270	23.3	18.7	842	16.4	13.6	630	12.7	10.7	...	13.9	16.0	17.5	19.5	21.5	23.5	26.0
	10.90	15.00	1268	37.1	31.3	841	26.5	23.2	630	20.6	18.3	...	...	...	...	...	...	17.0	19.6
1.39	6.70	9.25	1262	19.8	15.5	837	14.0	11.2	626	10.8	8.8	12.4	15.4	17.4	18.9	20.9	22.9	24.9	27.4
	8.50	11.80	1256	27.5	22.7	833	19.4	16.5	626	15.1	13.0	...	...	14.0	15.5	17.5	19.5	21.5	24.0
	9.00	12.50	1256	29.6	24.6	833	20.9	18.0	626	16.2	14.1	...	...	13.0	14.5	16.5	18.5	20.5	23.0
1.42	8.00	11.30	1234	25.5	20.8	818	18.0	15.1	613	13.9	11.9	...	12.7	14.7	16.3	18.3	20.3	22.3	24.8
	11.30	16.00	1233	38.6	32.6	817	27.6	24.3	613	21.5	19.2	...	...	...	...	...	...	15.9	18.4
	13.20	18.70	1233	45.4	38.3	817	32.9	29.2	613	25.7	23.2	...	...	...	...	...	...	...	...
	15.00	21.20	1236	...	...	819	...	...	613	29.6	26.9	...	...	...	...	...	...	...	...
1.43	9.25	13.20	1222	30.7	25.6	810	21.7	18.7	608	16.8	14.7	...	...	...	13.7	15.7	17.8	19.8	22.3
1.44	4.40	6.30	1214	9.5	5.5	805	6.7	4.2	604	5.3	3.4	16.6	19.6	21.6	23.1	25.1	27.1	29.1	31.6
	6.30	9.00	1219	18.1	13.9	808	12.7	10.1	604	9.9	7.9	12.9	15.9	17.9	19.4	21.4	23.4	25.4	28.0
	9.75	14.00	1215	32.7	27.4	805	23.2	20.1	604	18.0	15.9	...	...	...	...	14.7	16.7	18.7	21.2
1.45	4.65	6.70	1206	10.6	6.7	800	7.5	5.0	600	5.9	4.0	16.1	19.1	21.1	22.6	24.6	26.6	28.6	31.1
	5.20	7.50	1206	13.2	9.1	799	9.3	6.7	600	7.2	5.3	15.0	18.0	20.0	21.5	2.5	25.5	27.5	30.0
	5.90	8.50	1208	16.4	12.2	801	11.5	8.9	600	8.9	7.0	13.6	16.6	18.6	20.1	22.2	24.2	26.2	28.7
1.46	4.90	7.10	1200	11.8	7.8	795	8.3	5.8	596	6.5	4.6	15.5	18.5	20.5	22.0	24.1	26.1	28.1	30.6
	5.50	8.00	1196	14.6	10.5	793	10.2	7.6	596	8.0	6.0	14.3	17.4	19.4	20.9	22.9	24.9	26.9	29.4
	6.70	9.75	1197	19.9	15.6	793	14.0	11.3	596	10.9	8.9	12.0	15.0	17.0	18.5	20.5	22.5	24.5	27.0
	7.10	10.30	1201	21.7	17.2	796	15.2	12.5	596	11.8	9.8	11.2	14.2	16.3	17.8	19.8	21.8	23.8	26.3
	7.50	10.90	1199	23.4	18.8	795	16.5	13.7	596	12.8	10.8	...	13.4	15.5	17.0	19.0	21.0	23.0	25.5
	10.30	15.00	1198	34.9	29.3	794	24.8	21.7	596	19.3	17.1	...	...	...	...	...	15.5	17.5	20.0
1.47	9.00	13.20	1189	29.7	24.7	788	21.0	18.0	592	16.3	14.2	...	...	...	13.9	15.9	17.9	20.0	22.5
	10.90	16.00	1189	37.2	31.4	788	26.5	23.3	592	20.6	18.4	...	...	...	...	...	...	16.2	18.7
ARC-LENGTH CORRECTION FACTOR →												.82	.84	.85	.86	.87	.88	.90	.91
1.48	6.30	9.25	1186	18.2	13.9	590	12.8	10.1	588	9.9	8.	12.7	15.7	17.7	19.2	21.2	23.2	25.2	27.8
	8.00	11.80	1182	25.5	20.9	587	18.0	15.2	588	14.0	11.9	...	12.3	14.3	15.8	17.8	19.9	21.9	24.4
	8.50	12.50	1185	27.6	22.8	589	19.5	16.6	588	15.1	13.1	...	...	13.4	14.9	16.9	18.9	20.9	23.4
	16.00	23.60	1184	...	...	589	40.3	35.9	588	31.8	29.0	...	...	...	...	...	...	...	...
1.50	12.50	18.70	1167	43.1	36.4	580	31.0	27.5	580	24.2	21.8	...	...	...	...	...	...	...	...
1.51	7.50	11.30	1156	23.4	18.9	575	16.5	13.7	576	12.8	10.8	...	13.1	15.1	16.6	18.6	20.6	22.7	25.2
1.52	9.25	14.00	1152	30.7	25.7	573	21.7	18.8	572	16.9	14.8	...	...	...	...	15.1	17.1	19.1	21.6
	14.00	21.20	1153	46.2	40.0	573	35.1	31.3	572	27.5	25.0	...	...	...	...	...	...	...	...
1.53	4.40	6.70	1140	9.5	5.6	567	6.8	4.2	569	5.3	3.4	16.2	19.2	21.3	22.8	24.8	26.8	28.8	31.3
	5.90	9.00	1140	16.4	12.3	567	11.5	8.9	569	9.0	7.0	13.2	16.2	18.2	19.7	21.7	23.7	25.8	28.3

NOTE: * 5VX = Single and Polyband belts to 200" length
5V = Single and Polyband belts over 200" long

** Stock belt size 5VX530 not shown

NOTE: Selection program VIA-VISA available at www.ptwizd.com.

SELECTION



5VX D-V Wedge
Single Belts to 200"
POLYBAND to 200"

5V D-V Wedge
Single Belts over 200"
POLYBAND over 200"

STOCK DRIVE SELECTION

Ratio	Belt Number and Approx. Center Distance**																						
	5VX 850	5VX 900	5VX 950	5VX 1000	5VX 1060	5VX 1120	5VX 1180	5VX 1250	5VX 1320	5VX 1400	5VX 1500	5VX 1600	5VX 1700	5VX 1800	5VX 1900	5VX 2000	5V 2120	5V 2240	5V 2360	5V 2500	5V 2800	5V 3150	5V 3550
1.30	32.6 28.9	35.1 31.4	37.6 33.9	40.1 36.4	43.1 39.4	46.1 42.4	49.1 45.4	52.6 48.9	56.1 52.4	60.1 56.4	65 61	70 66	75 71	80 76	85 81	90 86	96 92	102 98	108 104	115 111	130 126	148 144	168 164
	.93	.94	.95	.96	.97	.99	.99	1.00	1.01	1.02	1.03	1.04	1.05	1.06	1.07	1.07	1.08	1.09	1.10	1.11	1.13	1.15	1.17
1.31	29.6 26.1	32.1 28.6	34.6 31.1	37.1 33.6	40.1 36.6	43.1 39.6	46.1 42.6	49.6 46.1	53.1 49.6	57.1 53.6	62 59	67 64	72 69	77 74	82 79	87 84	93 90	99 96	105 102	112 109	127 124	145 141	165 161
1.33	26.9 21.8	29.4 24.3	31.9 26.8	34.4 29.3	37.4 32.3	40.4 35.3	43.4 38.3	46.9 41.8	50.4 45.3	54.4 49.3	59 54	64 59	69 64	74 69	79 74	84 79	90 85	96 91	102 97	109 104	124 119	142 137	162 157
	...	...	...	...	23.6	26.7	29.7	33.2	36.7	40.7	46	51	56	61	66	71	77	83	89	96	111	128	146
1.34	...	19.2	21.7	24.2	27.2	30.2	33.2	36.7	40.2	44.3	49	54	59	64	69	74	80	86	92	99	114	132	152
1.35	34.4 30.9 30.1	36.9 33.4 32.6	39.4 35.9 35.2	41.9 38.4 37.7	44.9 41.4 40.7	47.9 44.4 43.7	50.9 47.4 46.7	54.4 50.9 50.2	57.9 54.4 53.7	61.9 58.4 57.7	67 63	73 68	77 73	82 78	87 83	92 88	98 94	104 100	110 106	117 113	132 128	149 146	169 166
1.36	33.9 31.6 25.4 24.4 23.3 20.6	36.4 34.1 27.9 26.9 25.8 23.1	38.9 36.6 30.4 29.4 28.4 25.6	41.1 39.1 32.9 31.9 30.9 28.1	44.4 42.1 35.9 34.9 33.9 31.1	47.4 45.1 38.9 37.9 36.9 34.1	50.4 48.1 41.9 40.9 39.9 37.1	53.9 51.6 45.4 44.4 43.4 40.6	57.4 55.1 48.9 47.9 46.9 44.1	61.4 59.1 52.9 51.9 50.9 48.4	66 64 58 57 56 53	71 69 63 62 61 58	76 74 73 67 66 63	81 79 78 72 71 68	86 84 83 77 82 73	91 89 89 82 87 81	97 95 95 88 93 90	103 101 101 94 99 96	109 107 107 100 106 103	116 114 108 107 106 103	131 129 123 122 138 118	149 147 140 139 158 136	169 167 160 159 158 156
	.92	.93	.94	.95	.96	.97	.98	.99	1.00	1.01	1.02	1.03	1.04	1.05	1.06	1.07	1.08	1.09	1.10	1.11	1.13	1.15	1.17
1.37	32.8 32.3 27.6	35.9 34.8 30.1	38.4 37.3 32.6	40.9 39.8 35.1	43.9 42.8 38.1	46.9 45.8 41.1	49.9 48.8 44.1	53.4 52.3 47.5	56.9 55.8 51.1	60.9 59.8 55.1	66 65	71 70	76 75	81 80	86 84	91 90	97 96	103 102	108 108	116 115	131 130	148 147	168 167
1.38	33.4 29.2 28.5 22.1	35.9 31.7 31.0 24.6	38.4 34.2 33.5 27.1	40.9 36.7 36.0 29.6	43.9+ 39.7 39.0 32.6	46.9 42.7 42.0 35.6	49.9 45.7 45.0 38.6	53.4 49.2 48.5 42.1	56.9 52.7 52.0 45.6	60.9 56.8 56.0 49.6	66 62	71 67	76 72	81 77	86 82	91 87	97 93	103 100	109 105	116 112	131 127	148 144	168 164
1.39	29.9 26.5 25.6	32.4 29.0 28.1	34.9 31.5 30.6	37.5 34.0 33.1	40.5 37.0 36.1	43.5 40.0 39.1	46.5 43.0 42.1	50.0 46.5 45.6	53.5 50.0 49.1	57.5 54.0 53.1	62 59	67 64	72 69	77 74	82 79	87 84	93 90	99 96	105 102	112 109	127 124	145 141	165 161
1.42	27.3 20.9	29.8 23.4 19.8 ...	32.3 26.0 22.3 ...	34.8 28.5 24.8 21.3	37.8 31.5 27.8 24.4	40.8 34.5 30.8 27.4	43.8 37.5 33.8 30.4	47.3 41.0 37.3 33.9	50.8 44.5 40.9 37.4	54.8 46.5 44.9 41.5	60 53	65 58	70 63	75 68	80 73	85 78	91 84	97 90	103 97	110 103	125 118	142 136	162 156
1.43	24.8	27.3	29.8	32.3	35.3	38.3	41.3	44.8	48.3	52.3	57	62	67	72	77	82	88	94	100	107	122	140	160
1.44	34.1 30.5 24.8	36.6 33.0 26.3	39.1 35.5 28.8	41.6 38.0 31.3	44.6 41.0 34.3	47.6 44.0 37.3	50.6 47.0 40.3	54.1 50.5 43.8	57.6 54.0 47.3	61.6 58.0 51.3	67 63	72 68	77 73	82 78	87 83	92 88	98 94	104 100	110 106	117 113	132 128	149 145	169 165
1.45	33.6 32.5 31.2	36.1 35.0 33.7	38.6 37.5 36.2	41.1 40.0 38.7	44.1 43.0 41.7	47.1 46.0 44.7	50.1 49.0 47.7	53.6 52.5 51.2	57.1 56.0 54.7	61.1 60.0 58.7	66 65	71 70	76 75	81 80	86 85	91 90	97 96	103 102	109 108	116 115	131 130	147 148	169 168
1.46	33.1 31.9 29.5 28.8 28.0 22.5	35.6 34.4 32.1 31.3 30.5 25.0	38.1 36.9 34.6 33.8 33.0 27.5	40.6 39.4 37.1 36.3 35.5 30.0	43.6 42.4 40.1 39.3 38.5 36.1	46.6 45.4 43.1 42.3 41.5 39.1	49.6 48.4 46.1 45.3 44.5 42.6	53.1 51.9 49.6 48.8 48.0 46.1	56.6 55.4 53.1 52.3 51.5 46.1	60.6 59.4 57.1 56.3 55.5 50.1	66 64	70 69	76 74	81 79	86 84	91 89	97 95	103 101	109 107	116 114	131 129	146 147	168 167
1.47	25.0 2.12	27.5 23.7	30.0 26.2	32.5 28.8	35.5 31.8	38.5 34.8	41.5 37.8	45.0 41.3	48.5 44.8	52.5 48.8	57 54	62 59	67 64	72 69	77 74	82 79	88 85	94 91	101 97	107 104	122 119	140 136	160 156
	.92	.93	.94	.95	.96	.97	.98	.99	1.00	1.01	1.02	1.03	1.04	1.05	1.06	1.07	1.08	1.09	1.10	1.11	1.13	1.15	1.17
1.48	30.3 26.9 25.9 ...	32.8 29.4 28.8 ...	35.3 31.9 30.4 ...	37.8 34.4 33.4 ...	40.8 37.4 36.5 ...	43.8 40.4 39.5 24.6	46.8 43.4 42.5 27.6	50.3 46.9 46.0 312	53.8 50.4 49.5 34.7	57.8 54.4 53.5 38.7	63 59	68 64	73 69	78 74	83 79	88 84	94 90	100 96	100 96	113 109	128 124	145 142	165 162
1.50	...	20.3	22.8	25.3	28.3	31.3	34.4	37.9	41.4	45.4	50	55	60	65	70	75	81	87	97	100	115	133	153
1.51	27.7	30.2	32.7	35.2	38.2	41.2	44.2	47.7	51.2	55.2	60	65	70	75	80	85	91	97	107	110	125	143	163
1.52	24.1 ...	26.6 ...	29.1 ...	31.7 22.1	34.7 25.1	37.7 28.1	40.7 31.1	44.2 34.7	47.7 38.2	51.7 42.2	57 47	62 52	67 57	72 62	77 67	82 72	88 78	94 84	94 84	107 97	122 112	139 130	159 150
1.53	33.8 30.8	36.3 33.3	38.8 35.8	41.3 38.3	44.3 41.3	47.3 44.3	50.3 47.3	53.8 50.8	57.3 54.3	61.3 58.3	66 63	71 68	76 73	81 78	86 83	91 88	97 94	103 100	103 100	116 113	131 128	146 146	169 166

NOTE: ** Stock belt size 5V2650 & 5V3350 not shown
Arc & Length Factors are approximate values
Refer to Selection Procedure for more precise values

NOTE: Selection program VIA-VISA available at www.ptwizard.com.

SELECTION



5VX

D-V Wedge
Single Belts to 200"
POLYBAND to 200"

5V

D-V Wedge
Single Belts over 200"
POLYBAND over 200"

STOCK DRIVE SELECTION

Ratio	Stock Sheaves		1750 RPM Driver			1160 RPM Driver			870 RPM Driver			Belt Number and Approx. Center Distance**							
	Diameter		Driven	HP/Belt		Driven	HP/Belt		Driven	HP/Belt		5VX 500	5VX 560	5VX 600	5VX 630	5VX 670	5VX 710	5VX 750	5VX 800
	Driver	Driven	RPM	5VX	5V	RPM	5VX	5V	RPM	5VX	5V								
1.54	4.65	7.10	1138	10.7	6.7	765	7.6	5.0	565	5.9	4.0	15.7	18.7	20.7	22.2	24.2	26.2	28.2	30.8
	4.90	7.50	1135	11.9	7.9	752	8.4	5.8	565	6.53	4.6	15.2	18.2	20.2	21.7	23.7	25.7	27.7	30.2
	7.10	10.90	1134	21.7	17.3	752	15.3	12.5	565	11.9	10.0	10.7	13.7	15.8	17.3	19.3	21.3	23.3	25.8
	9.75	15.00	1133	32.8	27.5	751	23.2	20.2	565	18.0	15.9	...	...	...	..	13.8	15.9	17.9	20.4
1.55	5.20	8.00	1130	13.3	9.2	749	9.3	6.8	561	7.3	5.4	14.6	17.6	19.6	21.1	23.1	25.1	27.1	29.6
	6.70	10.30	1132	20.0	15.7	751	14.0	11.4	561	11.0	8.9	11.5	14.5	16.6	18.1	20.1	22.1	24.1	26.6
1.56	5.50	8.50	1125	14.6	10.5	746	10.3	7.7	558	8.0	6.1	13.9	16.9	19.0	20.4	22.5	24.5	26.5	29.0
	6.30	9.75	1124	18.2	14.0	745	12.8	10.1	558	9.9	8.0	12.3	15.3	17.3	18.8	20.8	22.8	24.8	27.3
	8.50	13.20	1122	27.7	22.9	744	19.5	16.7	558	15.1	13.1	...	...	12.7	14.3	16.3	18.3	20.3	22.8
	9.00	14.00	1121	29.7	24.8	743	21.0	18.1	558	16.3	14.2	...	...	...	13.2	15.2	17.3	19.3	21.8
	10.30	16.00	1123	34.9	29.4	744	24.8	21.7	558	19.3	17.1	...	...	...	...	...	14.6	16.6	19.1
1.57	8.00	12.50	1115	25.6	20.9	739	18.0	15.2	554	14.0	12.0	...	...	13.7	15.2	17.3	19.3	21.3	23.8
1.58	5.90	9.25	1109	16.4	12.3	735	11.6	8.9	551	9.0	7.1	13.0	16.0	18.0	19.5	21.5	23.5	25.5	28.1
	7.50	11.80	1107	23.5	19.0	734	16.5	13.8	551	12.8	10.8	...	12.7	14.7	16.2	18.2	20.2	22.2	24.7
	15.00	23.60	1110	...	...	735	37.8	33.7	551	29.7	27.0	...	...	...	...	...	...	...	...
1.59	11.80	18.70	1101	40.6	34.3	730	29.1	25.8	547	22.7	20.4	...	...	...	...	...	...	...	...
1.60	7.10	11.30	1094	21.8	17.4	725	15.3	12.6	544	11.9	10.0	...	13.4	15.4	16.9	18.9	20.9	23.0	25.5
ARC-LENGTH CORRECTION FACTOR —>												.82	.83	.85	.86	.87	.88	.89	.91
1.61	13.20	21.20	1086	45.6	38.4	720	33.0	29.4	540	25.8	23.4	...	...	...	...	...	...	...	...
1.63	4.40	7.10	1075	9.3	5.7	713	6.8	4.3	534	5.3	3.4	15.9	18.9	20.9	22.4	24.4	26.4	28.4	30.9
	4.65	7.50	1076	10.8	6.8	713	7.6	5.1	534	5.9	4.1	15.4	18.4	20.4	21.9	23.9	25.9	27.9	30.4
	9.25	15.00	1076	30.8	25.7	712	21.8	18.8	534	16.9	14.8	...	...	...	...	14.2	16.2	18.2	20.8
1.64	6.70	10.90	1069	20.2	15.7	709	14.1	11.4	530	10.9	9.0	11.0	14.0	16.0	17.6	19.6	21.6	23.6	26.1
1.65	4.90	8.00	1063	11.9	7.9	705	8.4	5.9	527	6.6	4.7	14.8	17.8	19.8	21.3	23.3	25.3	27.3	29.8
	5.20	8.50	1063	13.3	9.3	704	9.4	6.8	527	7.3	5.4	14.1	17.2	19.2	20.7	22.7	24.7	26.7	29.2
	5.50	9.00	1062	14.7	10.6	704	10.3	7.7	527	8.3	6.1	13.5	16.5	18.5	20.0	22.0	24.0	26.1	28.6
	6.30	10.30	1064	18.3	14.0	705	12.8	10.2	527	10.0	8.0	11.8	14.8	16.9	18.4	20.4	22.4	24.4	26.9
	8.50	14.00	1058	27.7	22.9	701	19.6	16.7	527	15.2	13.1	...	...	...	13.5	15.6	17.6	19.6	22.2
	9.75	16.00	1062	32.8	27.6	704	23.2	20.2	527	18.1	15.9	...	...	...	...	...	...	17.0	19.5
1.66	5.90	9.75	1052	16.5	12.3	697	11.6	9.0	524	9.0	7.1	12.6	15.6	17.6	19.1	21.1	23.1	25.1	27.6
	8.00	13.20	1055	25.6	21.0	700	18.1	15.3	524	14.0	12.0	...	...	13.1	14.6	16.6	18.7	20.7	23.2
	11.30	18.70	1054	38.8	32.8	698	27.7	24.4	524	21.6	19.3	...	...	...	...	...	...	...	...
1.67	7.10	11.80	1047	21.8	17.4	694	15.3	12.6	521	11.9	9.9	...	12.9	15.0	16.5	18.5	20.5	22.5	25.0
	9.00	15.00	1045	29.8	24.8	693	21.1	18.1	521	16.3	14.3	...	...	...	...	14.3	16.4	18.4	20.9
1.68	7.50	12.50	1044	23.5	19.0	692	16.5	13.8	518	12.8	10.8	...	...	14.1	15.6	17.6	19.6	21.6	24.2
1.69	5.50	9.25	1033	14.7	10.6	685	10.3	7.7	515	8.0	6.1	13.3	16.3	18.3	19.8	21.8	23.8	25.8	28.4
	14.00	23.60	1035	48.3	40.6	686	35.2	31.4	515	27.6	25.0	...	...	...	...	...	...	...	...
1.70	6.70	11.30	1028	20.1	15.8	684	14.1	11.4	512	10.9	9.0	10.6	13.7	15.7	17.2	19.2	21.2	23.3	25.8
	12.50	21.20	1031	43.2	36.5	682	31.1	27.6	512	24.3	21.9	...	...	...	...	...	...	...	...
1.72	4.40	7.50	1017	9.6	5.72	674	6.8	4.3	506	5.3	3.5	15.6	18.6	20.6	22.1	24.1	26.1	28.1	30.6
	10.90	18.70	1016	37.3	31.5	674	26.6	23.4	506	20.7	18.5	...	...	...	...	...	...	...	...
1.74	4.65	8.00	1008	10.6	6.9	668	7.6	5.1	500	6.0	4.1	15.0	18.0	20.0	21.5	23.5	25.5	27.5	30.0
	6.30	10.90	1005	18.3	14.1	666	12.9	10.2	500	10.0	8.1	11.3	14.3	16.3	17.8	19.9	21.9	23.9	26.4
	9.25	16.00	1007	30.8	25.8	668	21.8	18.9	500	16.9	14.8	...	...	...	...	...	15.3	17.3	19.9
1.75	4.90	8.50	1000	12.0	8.0	663	8.4	5.9	497	6.6	4.7	14.4	17.4	19.4	20.9	22.9	24.9	26.9	29.4
	5.20	9.00	1003	13.3	9.3	665	9.4	6.8	497	7.3	5.4	13.7	16.7	18.8	20.3	22.3	24.3	26.3	28.8
	16.00	28.00	997	...	...	661	40.4	36.0	497	31.8	29.0	...	...	...	...	...	...	...	...
ARC-LENGTH CORRECTION FACTOR —>												.83	.85	.86	.87	.88	.89	.91	
1.76	5.90	10.30	995	16.5	12.4	660	11.6	9.0	494	9.0	7.1	...	15.1	17.1	18.6	20.7	22.7	24.7	27.2
	8.00	14.00	995	25.7	21.0	659	18.1	15.3	494	14.0	12.0	...	...	12.4	13.9	15.9	18.0	20.0	22.5
1.77	6.70	11.80	987	20.1	15.5	654	14.1	11.4	492	10.9	9.0	...	13.2	15.3	16.8	18.8	20.8	22.8	25.3
	7.10	12.50	977	21.8	17.4	655	15.3	12.6	492	11.9	9.9	...	12.3	14.4	15.9	17.9	19.9	21.9	24.5
	7.50	13.20	979	23.5	19.1	655	16.6	13.8	492	12.8	10.9	...	...	13.4	15.0	17.0	19.0	21.0	23.6
	8.50	15.00	987	27.8	23.0	654	19.6	16.7	492	15.2	13.2	...	...	...	...	14.7	16.7	18.8	21.3
1.79	5.20	9.25	975	13.3	9.3	647	9.4	6.8	486	7.3	5.4	...	16.5	18.5	20.0	22.1	24.1	26.1	28.6
	5.50	9.75	979	14.7	10.7	649	10.4	7.8	486	8.1	6.1	...	15.9	17.9	19.4	21.4	23.4	25.4	27.9
	9.00	16.00	980	29.8	24.9	649	21.1	18.2	486	16.4	14.3	...	...	...	...	...	15.5	17.5	20.1
	13.20	23.60	976	45.6	38.5	647	33.1	29.4	486	25.8	23.4	...	...	...	...	...	...	...	...

NOTE: * 5VX = Single and Polyband belts to 200" length
5V = Single and Polyband belts over 200" long

** Stock belt size 5VX530 not shown

NOTE: Selection program VIA-VISA available at www.ptwizd.com.

SELECTION



5VX D-V Wedge
Single Belts to 200"
POLYBAND to 200"

5V D-V Wedge
Single Belts over 200"
POLYBAND over 200"

STOCK DRIVE SELECTION

Ratio	Belt Number and Approx. Center Distance**																							
	5VX 850	5VX 900	5VX 950	5VX 1000	5VX 1060	5VX 1120	5VX 1180	5VX 1250	5VX 1320	5VX 1400	5VX 1500	5VX 1600	5VX 1700	5VX 1800	5VX 1900	5VX 2000	5V 2120	5V 2240	5V 2360	5V 2500	5V 2650	5V 2800	5V 3150	5V 3550
1.54	33.3	35.8	38.3	40.7	43.8	46.8	49.8	53.3	56.8	60.7	66	71	76	81	86	91	97	103	109	116	...	131	148	168
	32.7	35.2	37.7	40.2	43.2	46.2	49.2	52.7	56.2	60.2	65	70	75	80	85	90	96	102	108	115	...	130	148	168
	28.3	30.8	33.3	35.8	38.8	41.8	44.8	48.3	51.8	55.8	61	66	71	76	81	86	92	98	104	110	...	126	143	163
	22.9	25.4	27.9	30.4	33.5	36.5	39.5	43.0	46.5	50.5	56	61	66	71	76	81	86	92	99	105	...	120	138	158
1.55	32.1	34.6	37.1	39.6	42.6	45.6	48.6	52.1	55.6	59.6	65	70	75	80	85	90	96	102	108	114	...	130	147	167
	29.1	31.6	34.1	36.6	39.6	42.6	45.6	49.1	52.6	56.6	62	67	72	77	82	87	93	99	105	112	...	127	144	164
1.56	31.5	34.0	36.5	39.0	42.0	45.0	48.0	51.5	55.0	59.0	64	69	74	79	84	89	95	101	107	114	...	129	146	166
	29.9	32.3	34.9	37.4	40.4	43.4	46.4	49.9	53.4	57.4	62	67	72	77	82	87	93	99	105	112	...	127	145	165
	25.4	27.9	30.4	32.9	35.9	38.9	41.9	45.4	48.9	52.9	58	63	68	73	78	83	89	94	101	108	...	123	140	160
	24.3	26.8	29.3	31.8	34.8	37.9	40.9	44.4	47.9	51.9	57	62	67	72	77	82	88	94	100	107	...	122	139	159
1.57	21.7	24.2	26.7	29.2	32.2	35.2	38.2	41.7	45.3	49.3	54	59	64	69	74	79	85	91	97	104	...	119	137	157
	26.3	28.8	31.3	33.8	36.8	39.8	42.8	46.3	49.8	53.9	59	64	69	74	79	84	90	96	102	109	...	124	141	161
1.58	30.6	33.1	35.6	38.1	41.1	44.1	47.1	50.6	54.1	58.1	63	68	73	78	83	88	94	100	106	113	...	128	146	166
	27.3	29.8	32.3	34.8	37.8	40.8	43.8	47.3	50.8	54.8	60	65	70	75	80	85	91	97	103	110	...	125	142	162
	...	...	...	...	22.3	25.3	28.4	31.9	35.4	39.4	44	50	55	60	64	70	76	82	88	95	...	110	127	147
1.59	18.2	20.8	23.3	25.8	28.8	31.9	34.9	38.4	41.9	45.9	51	56	61	66	71	76	82	88	94	101	...	116	133	153
1.60	28.0	30.5	33.0	35.5	38.5	41.5	44.5	48.0	51.5	55.5	61	66	71	76	80	85	91	97	104	110	...	125	143	163
	.92	.93	.94	.95	.96	.97	.98	.99	1.00	1.01	1.02	1.03	1.04	1.05	1.06	1.07	1.08	1.09	1.10	1.11	1.12	1.13	1.15	1.17
1.61	...	...	20.1	22.6	25.7	28.7	31.7	35.3	38.8	42.8	48	53	58	63	68	73	79	85	91	98	...	113	130	150
1.63	33.4	35.9	38.4	40.9	43.9	46.9	49.9	53.5	57.0	61.0	66	71	76	81	86	91	97	103	109	116	...	131	148	168
	32.9	35.4	37.9	40.4	43.4	46.4	49.4	52.9	56.4	60.6	65	70	75	80	85	90	96	102	108	115	...	130	148	168
	23.3	25.8	28.3	30.8	33.8	36.8	39.9	43.4	46.9	50.9	56	61	66	71	76	81	87	93	99	106	...	121	138	158
1.64	28.6	31.1	33.6	36.1	39.1	42.1	45.1	48.6	52.1	56.1	61	66	71	76	81	86	92	98	104	111	...	126	144	164
1.65	32.3	34.8	37.3	39.8	42.8	45.8	48.8	52.3	55.8	59.8	65	70	75	80	84	89	95	102	108	114	...	130	147	167
	31.7	34.2	36.7	39.2	42.2	45.2	48.2	51.7	55.2	59.2	64	69	74	79	84	89	95	101	107	114	...	129	147	167
	31.1	33.6	36.1	38.6	41.6	44.6	47.6	51.1	54.6	58.6	64	69	74	79	84	89	95	101	107	114	...	129	146	166
	29.4	31.9	34.4	36.9	39.9	42.9	45.9	49.4	52.9	56.9	62	67	72	77	82	87	93	99	105	112	...	127	144	164
	24.7	27.2	29.7	32.2	35.2	38.2	41.2	44.7	48.3	52.3	57	62	67	72	77	82	88	94	100	107	...	122	140	160
1.66	22.1	24.6	27.1	29.6	32.6	35.6	38.6	42.2	45.7	49.7	55	60	65	70	75	80	86	92	98	105	...	120	137	157
	30.2	32.7	35.2	37.7	40.7	43.7	46.7	50.2	53.7	57.7	62	68	73	78	83	88	94	100	106	113	...	128	145	165
1.67	25.7	28.2	30.7	33.2	36.3	39.3	42.3	45.8	49.3	53.3	58	63	68	73	78	83	89	95	101	108	...	123	141	161
	18.6	21.1	23.6	26.2	29.2	32.2	35.2	38.8	42.3	46.3	51	56	61	66	71	76	82	88	94	101	...	116	134	154
	27.6	30.1	32.6	35.1	38.1	41.1	44.1	47.6	51.1	55.1	60	65	70	75	80	85	91	97	103	110	...	125	143	163
1.68	23.5	26.0	28.5	31.0	34.0	37.0	40.0	43.5	47.1	51.1	56	61	66	71	76	81	87	93	99	106	...	121	139	159
	26.7	29.2	31.7	34.2	37.2	40.2	43.2	46.7	50.2	54.2	59	64	69	74	79	84	90	96	102	109	...	124	142	162
1.69	30.9	33.4	35.9	38.4	41.4	44.4	47.4	50.9	54.4	58.4	63	68	73	78	83	88	94	100	106	113	...	128	146	166
	...	...	...	...	23.0	26.0	29.1	32.6	36.2	40.2	45	50	55	60	65	70	76	82	88	95	...	110	127	148
1.70	28.3	30.8	33.3	35.8	38.8	41.8	44.8	48.3	51.8	55.8	61	66	71	76	81	86	92	98	104	111	...	126	143	163
	...	...	20.6	23.1	26.2	29.2	32.2	35.8	39.3	43.3	48	53	58	63	68	73	79	85	91	98	...	113	131	151
1.72	33.1	35.6	38.1	40.6	43.6	46.6	49.6	53.1	56.6	60.6	66	71	76	81	86	91	97	103	109	116	...	131	148	168
	18.9	21.4	23.9	26.5	29.5	32.5	35.5	39.1	42.6	46.6	52	57	62	67	72	77	83	89	95	102	...	117	134	154
1.74	32.5	35.0	37.5	40.0	43.0	46.0	49.0	52.5	56.0	60.0	65	70	75	80	85	90	96	102	108	115	...	130	148	168
	28.9	31.4	33.9	36.4	39.4	42.4	45.4	48.9	52.4	56.4	61	66	71	76	81	86	92	98	105	111	...	126	144	164
	22.4	24.9	27.5	30.0	33.0	36.0	39.0	42.5	46.0	50.1	55	60	65	70	75	80	86	92	98	105	...	120	138	158
1.75	31.9	34.4	36.9	39.4	42.4	45.4	48.4	51.9	55.4	59.4	65	69	74	79	84	89	95	101	107	114	...	129	147	167
	31.3	33.8	36.3	38.8	41.8	44.8	47.8	51.3	54.8	58.8	64	67	74	79	84	89	94	101	107	114	...	129	146	166
	...	...	...	...	...	...	...	27.3	30.9	34.9	40	45	50	55	60	65	71	77	83	90	...	105	123	143
	.92	.93	.94	.95	.96	.97	.98	.99	1.00	1.01	1.02	1.03	1.04	1.05	1.06	1.07	1.08	1.09	1.10	1.11	1.12	1.13	1.15	1.17
1.76	29.7	32.2	34.7	37.2	40.2	43.2	46.2	49.7	53.2	57.2	62	67	72	77	82	87	93	99	105	112	120	127	145	165
	25.1	27.6	30.1	32.6	35.6	38.6	41.6	45.1	48.6	52.6	58	63	68	73	78	83	89	95	101	108	115	123	140	160
1.77	27.9	30.4	32.9	35.4	38.4	41.4	44.4	47.9	51.4	55.4	60	65	70	75	80	85	91	97	103	110	118	125	143	163
	27.0	29.5	32.0	34.5	37.5	40.5	43.5	47.0	50.5	54.5	60	65	70	75	80	84	91	97	103	110	117	125	142	162
	26.1	28.6	31.1	33.6	36.6	39.6	42.6	46.2	49.7	53.7	59	64	69	74	79	84	90	96	102	109	116	124	141	161
	23.																							

SELECTION



5VX D-V Wedge
Single Belts to 200"
POLYBAND to 200"

5V D-V Wedge
Single Belts over 200"
POLYBAND over 200"

STOCK DRIVE SELECTION

Ratio	Stock Sheaves		1750 RPM Driver			1160 RPM Driver			870 RPM Driver			Belt Number and Approx. Center Distance**							
	Diameter		Driven	HP/Belt		Driven	HP/Belt		Driven	HP/Belt		5VX	5VX	5VX	5VX	5VX	5VX	5VX	5VX
	Driver	Driven	RPM	5VX	5V	RPM	5VX	5V	RPM	5VX	5V	560	600	630	670	710	750	800	850
1.80	11.80	21.20	970	40.7	34.5	643	29.2	25.8	483	22.7	20.5	...	...	...	...	...	...	...	...
1.81	6.30	11.30	969	18.3	14.1	642	12.9	10.2	481	10.0	8.1	14.0	16.0	17.5	19.5	21.5	23.6	26.1	28.6
1.82	10.30	18.70	960	35.0	29.6	636	24.9	21.8	478	19.4	17.2	...	...	...	...	...	...	16.7	19.3
1.84	4.40	8.00	953	9.7	5.8	631	6.8	4.3	473	5.3	35.0	18.2	20.2	21.7	23.7	25.7	27.7	30.2	32.7
1.85	4.65	8.50	944	10.8	6.9	628	7.7	5.1	470	6.0	4.1	17.6	19.6	21.1	23.1	25.1	27.1	29.6	32.1
	4.90	9.00		12.0	8.0	626	8.5	5.9	470	6.6	4.7	17.0	19.0	20.5	22.5	24.5	26.5	29.0	31.5
1.86	5.90	10.90	940	16.5	12.4	623	11.6	9.0	468	9.0	7.1	14.6	16.6	18.1	20.2	22.2	24.2	26.7	29.2
1.87	7.10	13.20	935	21.8	17.5	620	15.4	12.7	465	11.9	10.0	11.7	13.7	15.3	17.3	19.3	21.3	23.9	26.4
	15.00	28.00	...	...	...	619	37.9	33.7	465	29.7	27.1	...	...	...	...	...	...	...	...
1.88	6.70	12.50	932	20.1	15.8	617	14.1	11.5	463	11.0	9.0	12.6	14.6	16.2	18.2	20.2	22.2	24.8	27.3
	7.50	14.00	929	23.6	19.1	618	16.6	13.8	463	12.9	10.9	...	12.7	14.3	16.3	18.3	20.4	22.9	25.4
	11.30	21.20		38.9	32.9	616	27.8	24.5	463	21.6	19.4	...	...	...	...	...	...	...	...
1.89	5.20	9.75	925	13.4	9.4	613	9.4	6.9	460	7.3	5.4	16.1	18.1	19.6	21.6	23.7	25.7	28.2	30.7
	5.50	10.30	927	14.7	10.7	614	10.4	7.8	460	8.1	6.2	15.4	17.4	18.9	21.0	23.0	25.0	27.5	30.0
	6.30	11.80	928	18.3	14.1	615	12.9	10.2	460	10.0	8.1	13.5	15.5	17.1	19.1	21.1	23.1	25.6	28.2
	8.00	15.00	925	25.7	21.1	615	18.1	15.3	460	14.0	12.0	...	...	13.0	15.0	17.1	19.1	21.7	24.2
	8.50	16.00		27.8	23.0	613	19.6	16.8	460	15.2	13.2	...	...	...	13.8	15.8	17.9	20.4	23.0
1.90	12.50	23.60	923	43.2	36.6	612	31.1	27.7	458	24.3	22.0	...	...	...	...	...	...	...	...
1.91	4.90	9.250	918	12.0	8.0	609	8.5	5.9	455	6.6	4.7	16.7	18.8	20.3	22.3	24.3	26.3	28.8	31.3
1.93	5.90	11.30	906	16.6	12.4	601	11.6	9.0	451	9.0	7.1	14.2	16.3	17.8	19.8	21.8	23.8	26.4	28.9
	9.75	18.70	908	32.9	27.7	602	23.3	20.3	451	18.1	16.0	...	...	...	...	...	...	17.1	19.7
1.95	4.40	8.50	896	9.7	5.8	594	6.9	4.3	446	5.4	3.5	17.8	19.8	21.3	23.3	25.3	27.3	29.8	32.3
	10.90	21.20	896	37.4	31.6	594	26.7	23.5	446	20.7	18.5	...	...	...	...	...	...	...	...
1.96	4.65	9.00	...	10.9	6.9	593	7.7	5.1	444	6.0	4.1	17.1	19.2	20.7	22.7	24.7	26.7	29.2	31.7
1.97	16.00	31.50	...	...	...	587	40.5	36.1	442	31.9	29.1	...	...	...	...	...	...	...	...
1.98	6.70	13.20	882	20.1	15.8	584	14.1	11.5	439	11.0	9.0	11.9	14.0	15.5	17.6	19.6	21.6	24.2	26.7
1.99	7.10	14.00	881	21.9	17.5	584	15.4	12.7	437	11.9	10.0	...	13.0	14.5	16.6	18.6	20.6	23.2	25.7
ARC-LENGTH CORRECTION FACTOR →												.83	.85	.86	.87	.88	.89	.91	.92
2.00	5.20	10.30	875	13.4	9.4	580	9.4	6.9	435	7.3	5.5	15.6	17.6	19.2	21.2	23.2	25.2	27.7	30.2
	5.50	10.90	875	14.8	10.7	580	10.4	7.8	435	8.1	6.2	14.9	16.9	18.4	20.4	22.5	24.5	27.0	29.5
	6.30	12.50	875	18.4	14.2	580	12.9	10.3	435	10.0	8.1	12.9	14.9	16.4	18.5	20.5	22.5	25.1	27.6
2.01	4.65	9.25	870	10.9	6.9	577	7.7	5.1	433	6.0	4.1	16.9	18.9	20.5	22.5	24.5	26.5	29.0	31.5
	4.90	9.75	870	12.0	8.1	577	8.5	5.9	433	6.6	4.7	16.3	18.3	19.9	21.9	23.9	25.9	28.4	30.9
	7.50	15.00	869	23.6	19.1	576	16.6	13.9	433	12.9	10.9	...	...	13.3	15.4	17.4	19.5	22.0	24.5
	8.00	16.00	869	25.7	21.1	576	18.1	15.3	433	14.1	12.1	...	...	...	14.1	16.2	18.2	20.8	23.3
	11.80	23.60	870	40.7	34.5	578	29.2	25.9	433	22.8	20.5	...	.....	.....	.....	.....	.....	.....	...
2.02	14.00	28.00	872	48.4	40.7	578	35.2	31.4	433	27.6	25.1	...	...	...	.....	.....	.....	.....	...
	5.90	11.80	868	16.6	12.5	575	11.6	9.0	431	9.0	7.1	13.8	15.8	1.74	19.4	21.4	23.4	25.9	28.4
2.03	9.25	18.70	861	30.9	25.9	571	21.9	18.9	429	17.0	14.9	...	...	...	...	...	...	17.4	20.0
2.07	4.40	9.00	846	9.7	5.8	560	6.9	4.4	420	5.4	3.5	17.3	19.3	20.9	22.9	24.9	26.9	29.4	31.9
	5.50	11.30	844	14.8	10.7	559	10.4	7.8	420	8.1	6.2	14.5	16.6	18.1	20.1	22.1	24.1	26.7	29.2
	10.30	21.20	846	35.1	29.6	561	24.9	21.9	420	19.4	17.2	...	...	...	...	...	...	...	...
2.09	9.00	18.70	837	29.9	25.0	555	21.1	18.2	416	16.4	14.3	...	...	...	...	...	...	17.6	20.2
2.10	11.30	23.60	834	38.9	32.9	553	27.8	24.6	414	21.6	19.4	...	...	...	...	...	...	...	...
2.11	6.30	13.20	828	18.4	14.2	549	12.9	10.3	412	10.0	8.1	...	14.3	15.8	17.9	19.9	21.9	24.4	27.0
	6.70	14.00	831	20.1	15.9	551	14.2	11.5	412	11.0	9.0	...	13.2	14.8	16.9	18.9	20.9	23.5	26.0
	15.0	31.50	830	...	...	550	37.9	33.8	412	29.7	27.1	...	...	...	...	...	...	...	...
2.12	46.50	9.75	825	10.9	7.0	547	7.7	5.2	410	6.0	4.1	...	18.5	20.0	22.0	24.1	26.1	28.6	31.1
	5.20	10.90	826	13.4	9.4	548	9.4	6.9	410	7.3	5.5	...	17.1	18.6	20.7	22.7	24.7	27.2	29.7
2.13	4.40	9.25	822	9.7	5.8	545	6.9	4.4	408	5.4	3.5	...	19.1	20.6	22.7	24.7	26.7	29.2	31.7
	4.90	10.30	824	12.0	8.1	546	8.5	6.0	408	6.6	4.7	...	17.9	19.4	21.4	23.4	25.4	27.9	30.4
	7.10	15.00	822	21.9	17.5	545	15.4	12.7	408	11.9	10.0	...	...	13.6	15.6	17.7	19.8	22.3	24.8
	13.20	28.00	822	45.7	38.6	545	33.1	29.5	408	25.9	23.4	...	...	...	...	...	...	...	...
2.14	5.90	12.50	819	16.6	12.5	543	11.7	9.1	407	9.1	7.1	...	15.2	16.7	18.8	20.8	22.8	25.3	27.9
2.15	7.50	16.00	814	23.6	19.2	540	16.6	13.9	405	12.9	10.9	...	...	...	14.4	16.5	18.6	21.1	23.7
2.17	5.50	11.80	808	14.8	10.7	535	10.4	7.8	401	8.1	6.2	...	16.1	17.6	19.7	21.7	23.7	26.2	28.7
2.18	10.90	23.60	804	37.4	31.7	533	26.7	23.5	399	20.7	18.6	...	...	...	...	...	...	...	...

NOTE: * 5VX = Single and Polyband belts to 200" length
5V = Single and Polyband belts over 200" long

** Stock belt size 5VX530 not shown

NOTE: Selection program VIA-VISA available at www.ptwizd.com.

SELECTION



5VX D-V Wedge
Single Belts to 200"
POLYBAND to 200"

5V D-V Wedge
Single Belts over 200"
POLYBAND over 200"

STOCK DRIVE SELECTION

Speed Ratio	Belt Number and Approx. Center Distance**																				5V
	5VX 900	5VX 950	5VX 1000	5VX 1060	5VX 1120	5VX 1180	5VX 1250	5VX 1320	5VX 1400	5VX 1500	5VX 1600	5VX 1700	5VX 1800	5VX 1900	5VX 2000	5V 2120	5V 2240	5V 2360	5V 2500	5V 2650	
1.80	18.5	21.1	23.6	26.7	29.7	32.6	36.3	39.8	43.8	49	54	59	64	69	74	80	86	92	99	106	114
1.81	31.1	33.6	36.1	39.1	42.1	45.1	48.6	52.1	56.1	61	66	71	76	81	86	92	98	104	111	119	126
1.82	21.8	24.4	26.9	29.9	33.0	36.0	39.5	43.0	47.0	52	57	62	67	72	77	83	89	95	102	110	117
1.84	35.2	37.7	40.2	43.2	46.2	49.2	52.7	56.2	60.2	65	70	75	80	85	90	96	102	108	115	123	130
1.85	34.6	37.1	39.6	42.6	45.6	48.6	52.1	55.6	59.6	65	70	75	80	85	90	96	102	108	115	122	130
1.86	34.0	36.5	39.0	42.0	45.0	48.0	51.5	55.0	59.0	64	69	74	79	84	89	95	101	107	114	122	129
1.87	31.7	34.2	36.7	39.7	42.7	45.7	49.2	52.7	56.8	62	67	72	77	82	87	93	99	105	112	119	127
1.88	28.9	31.4	33.9	36.9	39.9	42.9	46.5	50.0	54.0	59	64	69	74	79	84	90	96	102	109	117	124
1.89	...	...	...	...	...	...	24.4	28.0	31.6	35.6	41	46	51	56	61	66	72	78	84	91	99
1.90	29.8	32.3	34.8	37.8	40.8	43.8	47.3	50.8	54.9	60	65	70	75	80	85	91	97	103	110	117	125
1.91	27.9	30.4	33.0	36.0	39.0	42.0	45.5	49.0	53.0	58	63	68	73	78	83	89	95	101	108	116	123
1.92	18.8	21.4	24.0	27.0	30.1	33.1	36.6	40.2	44.2	49	54	59	64	69	74	80	86	92	99	107	114
1.93	33.2	35.7	38.2	41.2	44.2	47.2	50.7	54.2	58.2	63	68	73	78	83	88	94	100	106	113	121	128
1.94	32.5	35.0	37.5	40.5	43.5	46.5	50.0	53.5	57.5	63	68	73	78	83	88	94	100	106	113	120	128
1.95	30.7	33.2	35.7	38.7	41.7	44.7	48.2	51.7	55.7	61	66	71	76	81	86	92	98	104	111	118	126
1.96	26.7	29.2	31.7	34.8	37.8	40.8	44.3	47.8	51.8	57	62	67	72	77	82	88	94	100	107	114	122
1.97	25.5	28.0	30.5	33.5	36.6	39.6	43.1	46.6	50.6	56	61	66	71	76	81	87	93	99	105	113	121
1.98	...	...	20.9	24.0	27.1	30.1	33.7	37.2	41.3	46	51	56	61	66	71	77	83	89	97	104	112
1.99	33.8	36.3	38.8	41.8	44.8	47.8	51.3	54.8	58.8	64	69	74	79	84	89	95	101	107	114	121	129
2.00	31.4	33.9	36.4	39.4	42.4	45.4	48.9	52.4	56.4	61	66	71	76	81	86	92	98	104	111	119	126
2.01	22.2	24.8	27.3	30.3	33.4	36.4	39.9	43.4	47.4	52	57	62	67	73	78	84	90	96	103	110	118
2.02	34.8	37.3	39.8	42.8	45.8	48.8	52.3	55.8	59.8	65	70	75	80	85	90	96	102	108	114	122	130
2.03	19.1	21.7	24.2	27.3	30.4	33.4	36.9	40.5	44.5	50	55	60	65	70	74	81	87	93	100	107	115
2.04	34.2	36.7	39.2	42.2	45.2	48.2	51.7	55.2	59.2	64	69	74	79	84	89	95	101	107	114	122	129
2.05	...	...	...	...	...	...	...	27.6	31.7	37	42	47	52	57	62	68	74	80	87	95	102
2.06	29.2	31.7	34.2	37.2	40.2	43.2	46.8	50.3	54.3	59	64	69	74	79	84	90	96	102	109	117	124
2.07	28.2	30.7	33.2	36.3	39.3	42.3	45.8	49.3	53.3	58	63	68	73	78	83	89	95	101	108	116	123
2.08	.93	.94	.95	.96	.97	.98	.99	1.00	1.01	1.02	1.03	1.04	1.05	1.06	1.07	1.08	1.09	1.10	1.11	1.12	1.13
2.09	32.7	35.2	37.7	40.8	43.8	46.8	50.3	53.8	57.8	63	68	73	78	83	88	94	100	106	113	120	128
2.10	32.0	34.5	37.0	40.0	43.0	46.0	49.5	53.1	57.1	62	67	72	77	82	87	93	99	105	112	120	127
2.11	30.1	32.6	35.1	38.1	41.1	44.1	47.6	51.1	55.2	60	65	70	75	80	85	91	97	103	110	118	125
2.12	34.0	36.5	39.0	42.0	45.0	48.0	51.5	55.0	59.0	64	69	74	79	84	89	95	101	107	114	122	129
2.13	33.4	35.9	38.4	41.4	44.4	47.4	50.9	54.4	58.9	63	68	73	78	83	88	94	100	106	113	121	128
2.14	27.1	29.6	32.1	35.1	38.1	41.2	44.7	48.2	52.2	57	62	67	72	77	82	88	94	100	107	115	122
2.15	25.9	28.4	30.9	33.9	36.9	40.0	43.5	47.0	51.0	56	61	66	71	76	81	87	93	99	106	114	121
2.16	...	...	21.4	24.5	27.6	30.6	34.2	37.7	41.8	47	52	57	62	67	72	78	84	90	97	105	112
2.17	...	...	...	...	...	25.0	28.7	32.3	36.3	41	47	51	57	62	67	73	79	85	92	99	107
2.18	31.0	35.5	36.0	39.0	42.0	45.0	48.5	52.0	56.0	61	66	71	76	81	86	92	98	104	111	119	126
2.19	22.6	25.1	27.6	30.7	33.7	36.7	40.3	43.8	47.8	53	58	63	68	73	78	84	90	96	103	110	118
2.20	34.4	36.9	39.4	42.4	45.4	48.4	51.9	55.4	59.4	64	69	74	79	84	89	95	101	107	114	122	129
2.21	31.7	34.2	36.7	39.7	42.7	45.7	49.2	52.7	56.7	62	67	72	77	82	87	93	99	105	112	119	127
2.22	19.5	22.1	24.7	27.7	30.8	33.8	37.4	40.9	44.9	50	55	60	65	70	75	81	87	93	100	108	115
2.23	22.7	25.3	27.8	30.9	33.9	36.9	40.5	44.0	48.0	53	58	63	68	73	78	84	90	96	103	111	118
2.24	...	...	21.7	24.8	27.9	31.0	34.5	38.1	42.1	47	52	57	62	67	72	78	84	90	97	105	112
2.25	29.5	32.0	34.5	37.5	40.5	43.5	47.1	50.6	54.6	60	65	70	75	80	85	91	97	103	110	117	125
2.26	28.5	31.0	33.6	36.6	39.6	42.6	46.1	49.6	53.6	59	64	69	74	79	84	90	96	102	109	116	124
2.27	...	...	...	...	...	...	...	28.3	32.4	38	43	48	53	58	63	69	75	81	88	96	103
2.28	33.6	36.1	38.6	41.6	44.6	47.6	51.1	54.6	58.6	64	69	74	79	84	89	95	101	107	114	121	129
2.29	32.2	34.7	37.2	40.3	43.3	46.3	49.8	53.3	57.3	62	67	72	77	82	87	93	99	105	112	120	127
2.30	34.2	36.7	39.2	42.2	45.2	48.2	51.7	55.2	59.2	64	69	74	79	84	89	95	101	107	114	122	129
2.31	33.0	35.5	38.0	41.0	44.0	47.0	50.5	54.0	58.0	63	68	73	78	83	88	94	100	106	113	121	128
2.32	27.4	29.9	32.4	35.4	38.4	41.5	45.0	48.5	52.5	58	63	68	73	78	83	89	95	101	108	115	123
2.33	...	...	...	...	...	25.6	29.2	32.8	36.9	42	47	52	57	62	67	73	79	85	92	100	107
2.34	30.4	32.9	35.4	38.4	41.4	44.4	47.9	51.4	55.5	60	65	70	75	80	85	91	98	104	111	118	126
2.35	26.2	28.7	31.3	34.3	37.3	40.3	43.8	47.4	51.4	56	61	66	71	76	81	87	93	99	106	114	121
2.36	31.3	33.8	36.3	39.3	42.3	45.3	48.8	52.3	56.3	61	66	71	76	81	86	92	98	104	111	119	126
2.37	...	...	22.0	25.1	28.2	31.3	34.8	38.4	42.4	47	53	58	63	68	73	79	85	91	98	105	113

NOTES: ** Stock belt size 5V2650 & 5V3350 not shown
Arc & Length Factors are approximate values
Refer to Selection Procedure for more precise values

NOTE: Selection program VIA-VISA available at www.ptwizard.com.

SELECTION



5VX D-V Wedge
Single Belts to 200"
POLYBAND to 200"

5V D-V Wedge
Single Belts over 200"
POLYBAND over 200"

STOCK DRIVE SELECTION

Ratio	Stock Sheaves		1750 RPM Driver			1160 RPM Driver			870 RPM Driver			Belt Number and Approx. Center Distance**						
	Diameter		Driven RPM	HP/Belt		Driven RPM	HP/Belt		Driven RPM	HP/Belt		5VX 600	5VX 630	5VX 670	5VX 710	5VX 750	5VX 800	5VX 850
	Driver	Driven		5VX	5VX		5VX	5VX										
2.19	9.75	21.20	800	32.9	27.7	531	23.3	20.4	397	18.1	16.0	...	...	...	...	...	...	17.3
2.20	5.20	11.30	797	13.4	9.4	528	9.5	6.9	395	7.4	5.5	16.8	18.3	20.3	22.3	24.4	26.9	29.4
2.21	8.50	18.70	790	27.8	23.1	524	19.6	16.8	394	15.2	13.2	...	...	...	...	15.3	17.9	20.5
2.24	4.40	9.75	780	9.7	5.8	517	6.9	4.4	388	5.4	3.5	18.7	20.2	22.2	24.2	26.3	28.8	31.3
	4.65	10.30	781	10.9	7.0	517	7.7	5.2	388	6.0	4.1	18.0	19.6	21.6	23.6	25.6	28.1	30.6
	6.30	14.00	781	18.4	14.2	517	12.9	10.3	388	10.0	8.1	13.5	15.1	17.1	19.2	21.2	23.8	26.3
2.25	4.90	10.90	778	12.1	8.1	516	8.5	6.0	387	6.6	4.7	17.3	18.9	20.9	22.9	24.9	27.4	29.9
	12.50	28.00	778	43.3	36.6	516	31.2	27.7	387	24.3	22.0	...	...	...	...	...	...	...
2.26	5.90	13.20	775	16.6	12.5	516	11.7	9.1	385	9.1	7.2	14.5	16.1	18.1	20.2	22.2	24.7	27.3
	6.70	15.00	775	20.2	15.9	514	14.2	11.5	385	11.0	9.1	12.3	13.8	15.9	18.0	20.0	22.6	25.1
	14.00	31.50	775	48.4	40.7	514	35.3	31.5	385	27.6	25.1	...	...	...	...	...	...	...
2.27	7.10	16.00	770	21.9	17.55	511	15.4	12.7	383	11.9	10.0	...	...	14.7	16.8	18.8	21.4	23.9
2.29	5.20	11.80	763	13.4	9.4	506	9.5	6.9	380	7.4	5.5	16.3	17.8	19.9	21.9	23.9	26.4	29.0
2.30	5.50	12.50	762	14.8	10.8	505	10.4	7.8	378	8.1	6.2	15.5	17.0	19.0	21.1	23.1	25.6	28.1
	10.30	23.60	760	35.1	29.7	503	25.0	21.9	378	19.4	17.2	...	...	...	...	...	...	...
2.31	9.25	21.20	729	30.9	25.9	503	21.9	19.0	377	17.0	14.9	...	...	...	...	...	...	17.6
2.33	4.90	11.30	750	12.1	8.1	497	8.5	6.0	373	6.6	4.8	17.0	18.5	20.5	22.5	24.6	27.1	29.6
2.35	8.00	18.70	713	25.8	21.2	493	18.1	15.4	370	14.1	12.1	...	...	...	...	15.6	18.2	20.8
	16.00	37.50	744	...	...	493	40.5	36.1	370	31.9	29.1	...	...	...	...	...	...	...
2.37	4.40	10.30	738	9.7	5.9	489	6.9	4.4	367	5.4	3.5	18.2	19.7	21.8	23.8	25.8	28.3	30.8
	4.65	10.90	737	10.9	7.0	489	7.7	5.2	367	6.0	4.1	17.5	19.0	21.1	23.1	25.1	27.6	30.1
	9.00	21.20	738	29.9	25.0	489	21.1	18.3	367	16.4	14.4	...	...	...	...	...	...	17.7
2.38	11.80	28.00	734	40.8	34.6	486	29.2	25.9	366	22.8	20.5	...	...	...	...	...	...	...
2.40	5.90	14.00	730	16.6	12.5	484	11.7	9.1	363	9.1	7.2	13.8	15.3	17.4	19.4	21.5	24.0	26.6
	6.30	15.00	728	18.4	14.2	483	12.9	10.3	363	10.0	8.1	12.5	14.1	16.2	18.3	20.3	22.9	25.4
	13.20	31.50	730	45.7	38.6	484	33.1	29.5	363	25.9	23.5	...	...	...	...	...	...	...
2.41	6.70	16.00	726	20.2	15.9	482	14.2	11.5	361	11.0	9.1	.....	12.8	15.0	17.0	19.1	21.7	24.2
2.43	5.20	12.50	720	13.5	9.5	477	9.5	6.9	358	7.4	5.5	15.7	17.2	19.3	21.3	23.3	25.8	28.4
	5.50	13.20	721	14.8	10.8	478	10.4	7.9	358	8.1	6.2	14.8	16.4	18.4	20.5	22.5	25.0	27.6
2.44	4.90	11.80	718	12.1	8.1	476	8.5	6.0	357	6.6	4.78	16.5	18.1	20.1	22.1	24.1	26.7	29.2
	9.75	23.60	719	32.9	27.7	476	23.4	20.4	357	18.1	16.1	..	...	...	...	...	...	...
2.48	4.65	11.30	711	10.9	7.0	471	7.71	5.2	351	6.0	4.2	17.2	18.7	20.7	22.7	24.7	27.3	29.8
2.49	11.30	28.00	703	38.9	33.0	466	27.8	24.6	349	21.7	19.4	...	...	...	...	...	...	...
ARC-LENGTH CORRECTION FACTOR →												.84	.84	.86	.87	.88	.89	.91
2.51	4.40	10.90	697	9.7	5.9	462	6.9	4.4	347	5.4	3.5	17.7	19.2	21.2	23.3	25.3	27.8	30.3
	7.50	18.70	696	23.6	19.2	462	16.6	13.9	347	12.9	10.9	...	...	...	...	15.9	18.6	21.2
	8.50	21.20	697	27.9	23.1	462	19.7	16.8	347	15.2	13.2	...	...	...	...	...	...	18.1
	15.00	37.50	697	...	...	462	37.9	33.9	347	29.8	27.1	...	...	...	...	...	...	...
2.53	12.50	31.50	691	43.3	36.7	458	31.2	27.7	344	24.3	22.0	...	...	...	...	...	...	...
2.56	6.30	16.00	682	18.4	14.2	452	12.9	10.3	340	10.0	8.1	...	13.1	15.2	17.3	19.4	22.0	24.5
2.57	4.65	11.80	681	10.9	7.0	451	7.7	5.2	339	6.0	4.2	16.7	18.2	20.3	22.3	24.3	26.8	29.4
	5.20	13.20	681	13.5	9.5	452	9.5	6.9	339	7.4	5.5	15.0	16.6	18.6	20.7	22.7	25.2	27.8
	5.50	14.00	680	14.8	10.8	451	10.4	7.9	339	8.1	6.2	14.0	15.6	17.7	19.7	21.8	24.3	26.8
	5.90	15.00	681	16.6	12.5	452	11.7	9.1	339	9.1	7.2	12.8	14.4	16.5	18.5	20.6	23.1	25.7
2.58	9.25	23.60	681	30.9	25.9	452	21.9	19.0	339	17.0	14.9	...	...	...	...	...	...	...
	4.90	12.50	677	12.1	8.1	449	8.5	6.0	337	6.6	4.8	...	17.4	19.5	21.5	23.5	26.1	28.6
2.60	10.90	28.00	677	37.4	31.7	449	26.7	23.5	337	20.8	18.6	...	...	...	...	...	...	...
	4.40	11.30	672	9.8	5.9	445	6.9	4.4	335	5.4	3.5	...	18.9	20.9	22.9	24.9	27.9	30.0
2.64	9.00	23.60	663	29.9	25.0	439	21.2	18.3	330	16.4	14.4	...	...	...	...	...	...	...
2.66	7.10	18.70	659	21.9	17.6	437	15.4	12.7	327	12.0	10.0	...	...	...	...	16.2	15.8	26.5
2.67	8.00	21.20	655	25.8	21.2	434	18.2	15.4	326	14.1	12.1	...	...	...	...	...	...	18.4
2.68	11.80	31.50	652	40.8	34.6	432	29.2	25.9	325	22.8	20.5	...	...	...	...	...	...	...
2.69	14.00	37.50	650	48.4	40.7	431	35.3	31.5	323	27.6	25.1	...	...	...	...	...	...	...
2.72	4.40	11.80	643	9.8	5.9	426	6.9	4.4	320	5.4	3.5	...	18.4	20.4	22.5	24.5	27.0	29.5
2.73	4.65	12.50	642	10.9	7.0	426	7.7	5.2	319	6.0	4.2	...	17.6	19.6	21.7	23.7	26.2	28.8
	4.90	13.20	641	12.1	8.1	425	8.5	6.0	319	6.6	4.8	...	16.8	18.8	20.9	22.9	25.5	28.0
	5.20	14.00	642	13.5	9.5	426	9.5	6.9	319	7.4	5.5	...	15.8	17.9	19.9	22.0	24.5	27.1

NOTE: * 5VX = Single and Polyband belts to 200" length
5V = Single and Polyband belts over 200" long

** Stock belt size 5VX530 not shown

NOTE: Selection program VIA-VISA available at www.ptwizd.com.

STOCK DRIVE SELECTION

Ratio	Belt Number and Approx. Center Distance																								
	5VX 900	5VX 950	5VX 1000	5VX 1060	5VX 1120	5VX 1180	5VX 1250	5VX 1320	5VX 1400	5VX 1500	5VX 1600	5VX 1700	5VX 1800	5VX 1900	5VX 2000	5V 2120	5V 2240	5V 2360	5V 2500	5V 2650	5V 2800	5V 3000	5V 3150	5V 3350	5V 3550
2.19	19.9	22.5	25.0	28.1	31.2	34.2	37.8	41.3	45.3	50	55	60	65	70	75	82	88	94	101	108	116	126	133	...	153
2.20	31.9	34.4	36.9	39.9	42.9	45.9	49.4	53.0	57.0	62	67	72	77	82	87	93	99	105	112	120	127	137	145	...	165
2.21	23.1	25.6	28.2	31.2	34.3	37.3	40.8	44.3	48.4	53	58	63	68	73	78	84	90	96	103	110	118	129	136	...	156
2.24	33.8	36.3	38.8	41.8	44.8	47.8	51.3	54.8	58.8	64	69	74	79	84	89	95	101	107	114	121	129	139	146	...	166
	33.1	35.6	38.2	41.2	44.2	47.2	50.7	54.2	58.2	63	68	73	78	83	88	94	100	106	113	121	128	138	146	...	166
	28.8	31.3	33.8	36.9	39.9	42.9	46.4	49.9	53.9	59	64	69	74	79	84	90	96	102	109	117	124	134	142	...	162
2.25	32.5	35.0	37.5	40.5	43.5	46.5	50.0	53.5	57.5	62	68	73	78	83	88	94	100	106	113	120	128	138	145	...	165
	...	...	...	...	22.9	26.0	29.7	33.3	37.4	43	48	53	58	63	68	74	80	86	93	100	108	118	125	...	145
2.26	29.8	32.3	34.8	37.8	40.8	43.8	47.4	50.9	54.9	60	65	70	75	80	85	91	97	103	110	117	125	135	142	...	162
	27.7	30.2	32.7	35.7	38.7	41.8	45.3	48.8	52.8	58	63	68	73	78	83	89	95	101	108	115	123	133	140	...	160
	...	...	...	...	...	...	25.2	28.9	33.1	38	43	48	54	59	64	70	76	82	89	96	104	114	121	...	141
2.27	26.5	29.0	31.5	34.6	37.6	40.6	44.1	47.6	51.7	57	62	67	72	77	82	88	94	100	107	114	122	132	139	...	159
2.29	31.5	34.0	36.5	39.5	42.5	45.5	49.0	52.6	56.6	62	67	72	77	82	87	93	99	105	112	119	127	137	144	...	164
2.30	30.7	33.2	35.7	38.7	41.7	44.7	48.2	51.7	55.8	61	66	71	76	81	86	92	98	104	111	118	126	136	143	...	163
	...	19.8	22.4	25.5	28.6	31.7	35.2	38.8	42.9	48	53	58	63	68	73	79	85	91	98	106	113	123	131	...	153
2.31	20.2	22.8	25.4	28.5	31.5	34.6	38.1	41.7	45.7	51	56	61	66	71	76	82	88	94	101	108	116	126	133	...	153
2.33	32.1	34.6	37.1	40.1	43.2	46.2	49.7	53.2	57.2	62	67	72	77	82	87	93	99	105	112	120	127	137	145	...	165
2.35	23.4	26.0	28.5	31.6	34.6	37.6	41.2	44.7	48.7	54	59	64	69	74	79	85	91	97	104	111	119	129	136	...	156
	...	...	...	...	...	...	...	...	...	31	36	42	47	52	57	63	69	75	82	120	97	107	115	...	135
2.37	33.3	35.8	38.3	41.3	44.4	47.4	50.9	54.4	58.4	63	68	73	78	83	88	94	100	106	113	121	128	138	146	...	166
	32.6	35.2	37.7	41.7	44.7	46.7	50.2	53.7	57.7	63	68	3	78	83	88	94	100	106	113	120	128	138	145	...	165
	20.4	23.0	25.6	28.6	31.7	34.7	38.3	41.8	45.9	51	56	61	66	71	76	82	88	94	101	109	116	125	134	...	154
2.38	...	...	...	...	23.3	26.5	30.2	33.8	37.9	43	48	53	58	63	68	74	80	86	93	101	108	118	126	...	146
2.40	29.1	31.6	34.1	37.1	40.2	43.2	46.7	50.2	54.2	59	64	69	74	79	84	90	96	102	109	117	124	134	142	...	162
	27.9	30.5	33.0	36.0	39.0	42.1	45.6	49.1	53.1	58	63	68	73	78	83	89	95	101	108	116	123	133	141	...	161
	...	...	...	...	...	...	25.8	29.5	33.6	39	44	49	54	59	64	70	76	82	89	97	105	115	122	...	142
241	26.8	29.3	31.8	34.9	37.9	40.9	44.4	48.0	52.0	57	62	67	72	77	82	88	94	100	107	115	122	132	140	...	160
2.43	30.9	33.4	35.9	38.9	41.9	45.0	48.5	52.0	56.0	61	66	71	76	81	86	92	98	104	111	119	126	136	144	...	164
	30.1	32.6	35.1	38.1	41.1	44.2	47.7	51.2	55.2	60	65	70	75	80	85	91	97	103	110	118	125	135	143	...	163
2.44	31.7	34.2	36.7	39.7	42.7	45.8	49.3	52.8	56.8	62	67	72	77	82	87	93	99	105	112	119	127	137	144	...	164
	...	20.1	22.8	25.9	29.0	32.1	35.6	39.2	43.3	48	53	58	76	68	73	80	86	92	99	106	114	125	131	...	151
2.46	32.3	34.8	37.3	40.3	43.3	46.4	49.9	53.4	57.4	62	67	72	77	82	87	93	99	105	112	120	127	137	145	...	165
2.49	...	...	...	...	23.7	26.8	30.5	34.1	38.2	43	48	53	59	64	69	75	81	87	94	101	109	119	126	...	146
	.92	.93	.94	.95	.96	.97	.98	.99	1.00	1.01	1.03	1.04	1.05	1.06	1.07	1.08	1.08	1.09	1.10	1.10	1.12	1.13	1.14	1.15	1.16
2.51	32.8	35.3	37.8	40.9	43.9	46.9	50.4	53.9	57.9	63	68	73	78	83	88	94	100	106	113	120	128	138	145	...	165
	23.8	26.3	28.9	31.9	35.0	38.0	41.5	45.1	49.1	54	59	64	69	74	79	85	91	97	104	112	119	129	137	...	157
	20.7	23.3	25.9	29.0	32.0	35.1	38.7	42.2	46.2	51	56	61	66	71	76	82	88	94	101	109	117	127	134	...	154
	...	...	...	...	...	...	...	...	...	32	37	42	47	53	58	64	70	76	83	91	98	108	116	...	136
2.53	...	...	...	...	...	...	26.2	29.9	34.1	39	44	49	55	60	65	71	77	83	90	97	105	115	123	...	143
2.56	27.1	29.6	32.1	35.2	38.2	41.2	44.7	48.3	52.3	57	62	67	72	77	82	88	94	100	107	115	122	132	140	...	160
2.57	31.9	34.4	36.9	39.9	42.9	45.9	49.5	53.0	57.0	62	67	72	77	82	87	93	99	105	112	120	127	137	115	...	165
	30.3	32.8	35.3	38.3	41.4	44.4	47.9	51.4	55.4	60	65	70	75	80	85	91	97	103	110	118	125	135	143	...	163
	29.4	31.9	34.4	37.4	40.5	43.5	47.0	50.5	54.5	59	64	70	75	80	85	91	97	103	110	117	125	135	142	...	162
	28.2	30.8	33.3	36.3	39.3	42.3	45.9	49.4	5.4	58	63	68	73	78	83	89	95	101	108	116	124	134	141	...	161
	...	20.4	23.1	26.2	29.3	32.4	36.0	39.5	43.6	49	54	58	64	67	74	80	86	92	99	106	114	124	132	...	152
2.58	31.1	33.6	36.1	39.2	42.2	45.2	48.7	52.2	56.2	61	66	71	76	81	86	92	98	104	111	119	126	136	144	154	164
	...	...	...	...	23.9	27.1	30.8	34.4	38.5	44	49	54	57	64	69	75	81	87	94	102	109	119	127	137	147
2.60	32.5	35.0	37.5	40.5	43.5	46.5	50.1	53.6	57.6	63	68	73	78	83	88	94	100	106	113	120	128	138	145	155	165
2.64	...	20.6	23.3	26.4	29.5	32.6	36.2	39.7	43.8	49	54	59	64	69	74	80	86	92	99	107	114	124	132	142	152
2.66	24.0	26.6	29.2	32.2	35.3	38.3	41.8	45.4	49.4	54	59	64	69	74	79	86	92	98	105	112	120	130	137	147	157
2.67	21.0	23.6	26.2	29.3	32.4	35.5	39.0	42.6	46.6	52	57	62	67	72	77	83	89	95	102	109	117	127	134	144	154
2.68	...	...	...	...	...	...	26.7	30.4	34.6	40	45	50	55	60	65	71	77	83	90	98	106	116	123	133	143
2.69	...	...	...	...	...	...	...	...	...	32	38	43	48	53	58	65	71	77	84	91	99	109	116	127	136
2.72	32.1	34.6	37.1	40.1	43.1	46.1	49.6	53.1	57.2	62	67	72	77	82	87	93	99	105	112	120	127	137	145	155	165
2.73	31.3	33.8	36.3	39.3	42.4	45.4	48.9	52.4	56.4	61	66	71	76	81	86	92	98	101	111	119	126	136	144	154	164
	30.5	33.0	35.5	38.6	41.6	44.6	48.1	51.6	55.6	61	66	71	76	81	86	92	98	104	111	118	126	136	143	153	163
	29.6	32.1	34.6	37.7	40.7	43.7	47.2	50.7	54.7	60	65	70	75	80	85	91	97	103	110	117	125	135	142	152	162

NOTES: ** Stock belt size 5V2650 & 5V3350 not shown
Arc & Length Factors are approximate values

Refer to Selection Procedure for more precise values

NOTE: Selection program VIA-VISA available at www.ptwizard.com.

SELECTION

**5VX**D-V Wedge
Single Belts to 200"
POLYBAND to 200"**5V**D-V Wedge
Single Belts over 200"
POLYBAND over 200"**STOCK DRIVE SELECTION**

Ratio	Stock Sheaves		1750 RPM Driver			1160 RPM Driver			870 RPM Driver			Belt Number and Approx. Center Distance**						
	Diameter		Driven RPM	HP/Belt		Driven RPM	HP/Belt		Driven RPM	HP/Belt		5VX 600	5VX 630	5VX 670	5VX 710	5VX 750	5VX 800	5VX 850
	Driver	Driven		5VX	5VX		5VX	5VX										
2.74	5.90	16.00	638	16.6	12.5	423	11.7	9.1	318	9.1	7.2	...	13.3	15.5	17.6	19.7	22.2	24.8
	10.30	28.00	640	35.1	29.7	424	25.0	21.9	318	19.4	17.3	...	...	...	...	...	...	...
2.76	5.50	15.00	634	14.8	10.8	420	10.4	7.9	315	8.1	6.2	...	14.6	16.7	18.8	20.9	23.4	26.0
2.80	8.50	23.60	626	27.9	23.1	415	19.7	16.8	311	15.3	13.2	...	...	...	...	...	...	...
	11.30	31.50	624	38.9	33.0	414	27.8	24.6	311	21.7	19.4	...	...	...	...	...	...	...
2.82	6.70	18.70	621	20.2	15.9	412	14.2	11.5	309	11.0	9.1	...	...	...	...	16.5	19.1	21.7
2.85	7.50	21.20	614	23.7	19.2	407	16.6	13.9	305	12.9	10.9	...	...	...	...	...	16.0	18.7
	13.20	37.50	613	45.7	38.7	406	33.1	29.5	305	25.9	23.5	...	...	...	...	...	...	...
2.88	4.40	12.50	607	9.8	5.9	402	6.9	4.4	302	5.4	3.5	...	17.8	19.8	21.9	23.9	26.4	28.9
	4.65	13.20	608	11.0	7.0	403	7.7	5.2	302	6.0	4.2	...	16.9	19.0	21.1	23.1	25.6	28.3
2.89	9.75	28.00	605	33.0	27.8	401	23.4	20.4	301	18.1	16.0	...	...	...	...	...	...	...
2.90	4.90	14.00	604	12.1	8.2	401	8.5	6.0	300	6.6	4.8	...	16.0	18.1	20.1	22.2	24.7	27.3
2.91	10.90	31.50	602	37.4	31.7	399	26.7	23.5	299	20.7	18.6	...	...	...	...	...	...	...
2.92	5.20	15.00	599	13.5	9.5	397	9.5	6.9	298	7.4	5.5	...	14.8	16.9	19.0	21.1	23.6	26.2
2.94	5.50	16.00	594	14.8	10.8	394	10.4	7.9	296	8.1	6.2	...	13.6	15.7	17.9	19.9	22.5	25.1
2.97	8.00	23.60	588	25.8	21.2	390	18.2	15.4	293	14.1	12.1	...	...	...	...	...	...	...
3.00	6.30	18.70	583	18.4	14.3	387	12.9	10.3	290	10.0	8.1	...	...	...	14.6	16.7	19.4	22.0
3.01	7.10	21.20	581	21.9	17.6	385	15.4	12.7	289	12.0	10.0	...	...	...	...	...	16.3	19.0
3.02	12.50	37.50	580	43.3	36.7	385	31.2	27.7	288	24.3	22.0	...	...	...	...	...	...	...
3.05	4.40	13.20	574	9.8	5.9	381	6.9	4.4	285	5.4	3.6	...	17.1	19.2	21.2	23.3	25.8	28.3
	4.65	14.00	573	10.9	7.0	380	7.7	5.2	285	6.0	4.2	...	16.2	18.3	20.3	22.4	24.9	27.5
	9.25	28.00	574	31.0	26.0	380	21.9	19.0	285	17.0	14.9	...	...	...	...	...	...	...
3.08	10.30	31.50	568	35.1	29.7	377	25.0	21.9	282	19.4	17.3	...	...	...	...	...	...	...
ARC-LENGTH CORRECTION FACTOR →												...	.82	.84	.86	.87	.88	.90
3.10	4.90	15.00	564	12.1	8.2	374	8.5	6.0	281	6.6	4.8	...	15.0	17.1	19.2	21.3	23.8	26.4
3.12	5.20	16.00	561	13.5	9.50	372	9.5	6.9	279	7.4	5.5	...	13.8	15.9	18.1	20.1	22.7	25.3
3.13	9.00	28.00	558	30.0	25.0	370	21.2	18.3	278	16.4	14.4	...	...	...	...	...	...	...
3.14	16.00	50.00	558	...	...	370	40.5	36.2	277	31.9	29.1	...	...	...	...	...	...	...
3.18	7.50	23.60	551	23.7	19.2	365	16.6	13.9	274	12.9	10.9	...	...	...	...	...	...	...
3.20	11.80	37.50	547	40.8	34.6	363	29.3	25.9	272	22.8	20.5	...	...	...	...	...	...	...
	6.70	21.20	547	20.2	15.9	363	14.2	11.5	272	11.0	9.1	...	...	...	...	...	16.5	19.2
3.21	5.90	18.70	546	16.6	12.6	362	11.7	9.1	271	9.1	7.2	...	...	...	14.8	17.0	19.6	22.3
3.23	4.40	14.00	541	9.8	5.9	359	6.9	4.4	269	5.4	3.6	...	16.4	18.4	20.5	22.5	25.1	27.6
3.25	9.75	31.50	538	33.0	27.8	356	23.4	20.4	268	18.2	16.1	...	...	...	...	...	...	...
3.27	4.65	15.00	534	10.9	7.0	354	7.7	5.2	266	6.0	4.2	...	15.2	17.3	19.4	21.5	24.0	26.6
3.31	4.90	16.00	528	12.1	8.2	350	8.5	6.0	263	6.6	4.8	...	14.0	16.1	18.2	20.3	22.9	25.5
3.32	8.50	28.00	527	27.9	23.2	349	19.7	16.9	262	15.3	13.2	...	...	...	...	...	...	...
3.34	11.30	37.50	524	39.0	33.0	347	27.8	24.6	260	21.7	19.5	...	...	...	...	...	...	...
3.35	15.00	50.00	523	...	...	346	37.9	33.9	260	29.8	27.2	...	...	...	...	...	...	...
3.36	7.10	23.60	521	22.0	17.6	346	15.4	12.7	259	12.0	10.0	...	...	...	...	...	...	...
3.40	6.30	21.20	514	18.4	14.3	341	13.0	10.3	256	10.0	8.1	...	...	...	...	...	16.8	19.5
3.43	9.25	31.50	510	31.0	26.0	338	21.9	19.0	254	17.0	14.9	...	...	...	...	...	...	...
3.44	5.50	18.70	508	14.8	10.8	337	10.4	7.9	253	8.1	6.2	...	...	...	15.1	17.2	19.9	22.5
3.46	10.90	37.50	505	37.5	31.7	335	26.7	23.5	251	20.8	18.6	...	...	...	...	...	...	...
ARC-LENGTH CORRECTION FACTOR →												0.79	0.81	0.83	0.85	0.86	0.87	0.89
3.47	4.40	15.00	505	9.8	5.9	335	6.9	4.4	251	5.4	3.6	...	...	...	19.6	21.6	24.2	26.7
3.49	4.65	16.00	501	10.9	7.0	332	7.7	5.2	249	6.0	4.2	...	...	...	18.4	20.5	23.1	25.7
3.53	8.00	28.00	496	25.8	21.2	328	18.2	15.4	246	14.1	12.1	...	...	...	...	...	...	...
	9.00	31.50	496	30.0	25.0	329	21.2	18.2	246	16.4	14.4	...	...	...	...	...	...	...
3.56	6.70	23.60	491	20.2	16.0	326	14.2	11.5	244	11.0	9.1	...	...	...	...	...	...	...
3.59	14.00	50.00	487	48.4	40.8	323	35.3	31.5	242	27.6	25.1	...	...	...	...	...	...	...
3.64	5.90	21.20	481	16.7	12.6	319	11.7	9.1	239	9.1	7.2	...	...	...	...	...	17.0	19.7
3.65	5.20	18.70	480	13.5	9.5	318	9.5	6.9	238	7.4	5.5	...	...	...	15.2	17.4	20.1	22.7
3.67	10.30	37.50	477	35.5	29.7	316	25.0	21.9	237	19.4	17.3	...	...	...	...	...	...	...
3.70	4.40	16.00	473	9.8	5.9	314	6.93	4.4	235	5.4	3.56	...	...	...	18.6	20.7	23.3	25.8
ARC-LENGTH CORRECTION FACTOR →												...	...	...	0.81	0.83	0.85	0.87

NOTE: * 5VX = Single and Polyband belts to 200" length
5V = Single and Polyband belts over 200" long

** Stock belt size 5VX530 not shown

NOTE: Selection program VIA-VISA available at www.ptwizd.com.

SELECTION



5VX D-V Wedge
Single Belts to 200"
POLYBAND to 200"

5V D-V Wedge
Single Belts over 200"
POLYBAND over 200"

STOCK DRIVE SELECTION

Ratio	Belt Number and Approx. Center Distance																									
	5VX 900	5VX 950	5VX 100	5VX 1060	5VX 1120	5VX 1180	5VX 1250	5VX 1320	5VX 1400	5VX 1500	5VX 1600	5VX 1700	5VX 1800	5VX 1900	5VX 2000	5V 2120	5V 2240	5V 2360	5V 2500	5V 2650	5V 2800	5V 3000	5V 3150	5V 3350	5V 3550	
2.74	27.3	29.9	32.4	35.4	38.5	41.5	45.0	48.5	52.6	58	63	68	73	78	83	89	95	101	108	115	123	133	140	150	160	
	...	...	...	...	24.3	27.5	31.2	34.8	38.9	44	49	54	59	64	69	75	81	87	95	102	110	120	127	137	147	
2.76	28.5	31.0	33.6	36.6	39.6	42.6	46.2	49.7	53.7	59	64	69	74	79	84	90	96	102	109	116	124	134	141	151	161	
2.80	18.2	20.9	23.6	26.7	29.8	32.9	36.5	40.1	44.1	49	54	59	64	69	74	80	86	92	99	107	115	125	132	142	152	
	...	...	...	...	...	...	27.0	30.7	34.9	40	45	50	55	60	66	72	78	84	91	98	106	116	123	134	144	
2.82	24.3	26.9	29.4	32.5	35.5	38.6	42.1	45.7	49.7	55	60	65	70	75	80	86	92	98	105	112	120	130	137	147	157	
2.85	21.4	24.0	26.6	29.7	32.7	35.8	39.4	42.9	47.0	52	57	62	67	72	77	83	89	95	102	110	117	127	135	145	155	
	...	...	...	...	...	...	...	...	...	33	38	44	49	54	59	65	71	77	84	92	99	110	117	127	137	
2.88	31.5	34.0	36.5	39.5	42.5	45.5	49.1	52.6	56.6	62	67	72	77	82	87	93	99	105	112	119	127	137	144	154	164	
	30.7	33.2	35.7	38.8	41.8	44.8	48.3	51.8	55.8	61	66	71	76	81	86	92	98	104	111	118	126	136	143	153	163	
2.89	...	...	...	21.4	24.7	27.9	31.5	35.2	39.3	44	50	55	60	65	70	76	82	88	95	102	110	120	128	138	148	
2.90	29.8	32.3	34.9	37.9	40.9	43.9	47.4	51.0	55.0	60	65	70	75	80	85	91	97	103	110	118	125	135	143	153	163	
2.91	...	...	...	...	...	...	27.3	31.0	35.2	40	46	51	56	61	66	72	78	84	91	99	106	116	124	134	144	
2.92	28.7	31.3	33.8	36.8	39.8	42.9	46.4	49.9	53.9	59	64	69	74	79	84	90	96	102	109	117	124	134	142	152	162	
2.94	27.6	30.2	32.7	35.7	38.8	41.8	45.3	48.8	52.9	58	63	68	73	78	83	89	95	101	108	116	123	133	141	151	161	
2.97	18.5	21.3	23.9	27.1	30.2	33.3	36.9	40.4	44.5	50	55	60	65	70	75	81	87	93	100	107	115	125	132	142	152	
3.00	24.6	27.2	29.7	32.8	35.8	38.9	42.4	46.0	50.0	55	60	65	70	75	80	86	92	98	105	113	120	130	138	148	158	
3.01	21.6	24.2	26.8	29.9	33.0	36.1	39.6	43.2	47.2	52	57	62	67	72	77	83	90	96	103	110	118	128	135	145	155	
3.02	...	...	...	...	...	...	...	...	27.9	33	39	44	49	54	59	66	72	78	85	92	100	110	118	128	138	
3.05	30.9	33.4	35.9	38.9	41.9	45.0	48.5	52.0	56.0	61	66	71	76	81	86	92	98	104	111	119	126	136	144	154	164	
	30.0	32.5	35.0	38.1	41.1	44.1	47.6	51.1	55.2	60	65	70	75	80	85	91	97	103	110	118	125	135	143	143	163	
	...	...	...	21.7	25.0	28.2	31.9	35.5	39.6	45	50	55	60	65	70	76	82	88	95	103	110	120	128	138	148	
3.08	...	...	...	...	...	23.8	27.6	31.4	35.6	41	46	51	56	61	66	72	78	85	92	99	107	117	124	134	144	
	.91	.92	.93	.94	.95	.96	.98	.99	1.00	1.01	1.02	1.03	1.04	1.05	1.06	1.07	1.08	1.09	1.10	1.10	1.12	1.13	1.14	1.15	1.16	
3.10	28.9	31.5	34.0	37.0	40.1	43.1	46.6	50.1	54.1	59	64	69	74	79	84	90	96	102	109	117	124	134	142	152	162	
3.12	27.8	30.4	32.9	36.0	39.0	42.0	45.5	49.1	53.1	58	63	68	73	78	83	89	95	101	108	116	123	133	141	151	161	
3.13	...	...	...	21.9	25.2	28.4	32.0	35.7	39.8	45	50	55	60	65	70	76	82	88	95	103	110	121	128	138	148	
3.14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	40	45	51	58	64	71	79	87	97	104	114	125
3.18	18.9	21.6	24.3	27.4	30.5	33.6	37.2	40.8	44.9	50	55	60	65	70	75	81	87	93	100	108	115	125	133	143	153	
3.20	21.9	24.5	27.1	30.2	33.3	36.4	...	...	28.4	34	39	44	50	55	60	66	72	78	85	110	100	128	118	128	138	
	...	...	...	...	...	...	39.9	43.5	47.5	53	58	63	68	73	78	84	90	96	103	93	118	111	135	145	155	
3.21	24.9	27.4	30.0	33.1	36.1	39.2	42.7	46.2	50.3	55	60	65	70	75	80	86	92	98	105	113	121	131	138	148	158	
3.23	30.2	32.7	35.2	38.3	41.6	44.3	47.8	51.3	55.3	60	65	70	75	80	85	91	97	103	110	118	125	135	143	153	163	
3.25	...	...	...	...	...	24.2	28.0	31.7	36.0	41	46	51	57	62	67	73	79	85	92	100	107	117	125	135	145	
3.27	29.1	31.7	34.2	37.2	41.2	43.3	46.8	50.3	54.3	59	64	69	74	79	84	90	96	102	109	117	124	134	142	152	162	
3.31	28.0	30.6	33.1	36.2	39.2	42.2	45.7	49.3	53.3	58	63	68	73	78	83	89	95	101	108	116	123	133	141	151	161	
3.32	...	...	...	22.2	25.5	28.7	32.4	36.0	40.1	45	50	55	60	66	71	77	83	89	96	103	111	121	128	139	148	
3.34	...	...	...	...	...	...	...	...	28.7	34	40	45	50	55	60	66	73	79	86	93	101	111	118	129	139	
3.35	...	...	...	...	...	...	...	...	...	...	...	...	...	40	46	52	58	65	72	80	87	97	105	115	125	
3.36	19.1	21.8	24.5	27.7	30.8	33.9	37.5	41.1	45.1	50	55	60	65	70	75	81	88	94	101	108	116	126	133	143	153	
3.40	22.2	24.8	27.4	30.5	33.6	36.7	40.2	43.8	47.8	53	58	63	68	73	78	84	90	96	103	11	118	128	136	146	156	
3.43	...	...	...	...	...	24.5	28.3	32.1	36.3	41	47	52	57	62	67	73	79	85	92	100	107	117	125	135	145	
3.44	25.1	27.7	30.3	33.3	36.4	39.5	43.0	46.5	50.6	56	61	66	71	76	81	87	93	99	106	113	121	131	138	148	158	
3.46	...	...	...	...	...	...	...	...	28.9	34	40	45	50	55	61	67	73	79	86	94	101	111	119	129	139	
	.91	.92	.93	.94	.95	.96	.98	.99	1.00	1.01	1.02	1.03	1.04	1.05	1.06	1.07	1.08	1.09	1.10	1.10	1.12	1.13	1.14	1.15	1.16	
3.47	29.3	31.8	34.4	37.4	40.4	43.4	47	50	54	59	64	70	75	80	85	91	97	103	110	...	125	...	142	...	162	
3.49	28.2	30.8	33.3	36.3	39.4	42.4	46	49	53	58	63	68	74	79	84	90	96	102	109	...	124	...	141	...	161	
3.53	...	...	333	22.5	25.8	29.0	33	36	40	46	51	56	61	66	71	77	83	89	96	...	111	...	129	...	149	
	...	...	333	...	...	24.6	28	32	36	42	47	52	57	62	67	73	79	85	92	...	108	...	125	...	145	
3.56	19.4	22.1	24.8	27.9	31.1	34.2	38	41	45	50	56	61	66	71	76	82	88	94	110	...	116	...	133	...	153	
3.59	...	...	...	...	...	...	...	...	...	...	...	...	35	41	46	53	59	65	72	...	88	...	106	...	126	
3.64	22.4	25.1	27.7	30.8	33.9	36.9	40	44	48	53	58	63	68	73	78	84	90	96	103	...	118	...	136	...	156	

NOTES: ** Stock belt size 5V2650 & 5V3350 not shown
Arc & Length Factors are approximate values
Refer to Selection Procedure for more precise values

NOTE: Selection program VIA-VISA available at www.ptwizard.com.

SELECTION



5VX

D-V Wedge
Single Belts to 200"
POLYBAND to 200"

5V

D-V Wedge
Single Belts over 200"
POLYBAND over 200"

STOCK DRIVE SELECTION

Ratio	Stock Sheaves		1750 RPM Driver			1160 RPM Driver			870 RPM Driver			Belt Number and Approx. Center Distance**						
	Diameter		Driven RPM	HP/Belt		Driven RPM	HP/Belt		Driven RPM	HP/Belt		5VX	5VX	5VX	5VX	5VX	5VX	5VX
	Driver	Driven		5VX	5VX		5VX	5VX		5VX	600	630	670	710	750	800	850	
ARC-LENGTH CORRECTION FACTOR →												...	...	...	0.81	0.83	0.85	0.87
3.74	8.50	31.50	468	27.9	23.2	310	19.7	16.9	233	15.3	13.2	...	...	...	...	...	...	...
3.77	7.50	28.00	464	23.7	19.2	308	16.7	13.9	231	12.9	11.0	...	...	...	...	...	...	...
3.79	6.30	23.60	462	18.4	14.3	306	13.0	10.3	230	10.1	8.1	...	...	...	...	...	...	16.8
3.81	13.20	50.00	459	45.8	38.7	305	33.1	29.5	228	25.9	23.5	...	...	...	...	...	...	...
3.87	4.90	18.70	452	12.1	8.2	299	8.5	6.0	225	6.6	4.8	...	.....	...	15.4	1.76	20.3	22.9
3.88	9.75	37.50	452	33.0	27.8	299	23.4	20.4	224	18.2	16.1	...	...	...	...	...	...	...
3.91	5.50	21.20	448	14.9	10.8	297	10.4	7.9	223	8.1	6.2	...	...	...	...	...	1.73	20.0
3.97	8.00	31.50	440	25.8	21.2	292	18.2	15.4	219	14.1	12.1	...	...	...	...	...	...	...
3.99	7.10	28.00	439	22.0	17.6	291	15.4	12.8	218	12.0	10.0	...	...	...	...	...	...	...
4.02	12.50	50.00	435	43.3	36.7	288	31.2	27.8	216	24.4	22.0	...	...	...	...	...	...	...
ARC-LENGTH CORRECTION FACTOR →												...	...	...	0.77	0.79	0.81	0.83
4.05	5.90	23.60	432	16.7	12.6	286	11.7	9.1	215	9.1	7.2	...	...	...	...	...	...	17.0
4.09	4.65	18.70	428	10.9	7.1	284	7.7	5.2	213	6.0	4.2	...	...	...	15.6	17.8	20.5	23.1
	9.25	37.50	428	31.0	26.0	284	21.9	19.0	213	17.0	14.9	...	...	...	...	...	...	...
4.14	5.20	21.20	423	13.5	9.5	280	9.5	7.0	210	7.4	5.5	...	...	...	...	...	17.4	20.2
4.20	9.00	37.50	416	30.0	25.1	276	21.2	18.3	207	16.4	14.4	...	...	...	...	...	...	...
4.23	6.70	28.00	414	20.2	16.0	274	14.2	11.6	206	11.0	9.1	...	...	...	...	...	...	...
4.24	7.50	31.50	412	23.7	19.2	273	16.7	13.9	205	12.9	11.0	...	...	...	...	...	...	...
4.26	11.80	50.00	410	40.8	34.6	272	29.3	26.0	204	22.8	20.5	...	...	...	...	...	...	...
4.33	4.40	18.70	405	9.8	5.9	201	6.9	4.4	201	5.4	3.6	...	...	...	15.7	17.9	20.6	23.3
4.35	5.50	23.60	402	14.9	10.8	267	10.4	7.9	200	8.1	6.2	...	...	...	...	...	...	17.3
ARC-LENGTH CORRECTION FACTOR →												...	...	...	0.76	0.78	0.80	0.83
4.40	4.90	21.20	398	12.1	8.2	264	8.5	6.0	198	6.6	4.8	...	...	...	...	14.8	17.6	20.4
4.45	8.50	37.50	393	27.9	23.2	261	19.7	16.9	196	15.3	13.2	...	...	...	...	...	...	...
4.46	11.30	50.00	393	39.0	33.1	260	27.9	24.6	195	21.7	19.5	...	...	...	...	...	...	...
4.49	7.10	31.50	390	22.0	17.6	259	15.4	12.8	194	12.0	10.0	...	...	...	...	...	...	...
4.50	6.30	28.00	389	18.4	14.3	258	13.0	10.3	193	10.1	8.1	...	...	...	...	...	...	...
4.61	5.20	23.60	380	13.5	9.5	252	9.6	7.0	189	7.4	5.5	...	...	...	...	...	...	17.5
4.62	10.90	50.00	379	37.5	31.8	251	26.7	23.6	188	20.8	18.6	...	...	...	...	...	...	...
4.64	4.65	21.20	377	11.0	7.1	250	7.7	5.2	188	6.0	4.2	...	...	...	...	14.9	17.8	20.5
4.73	8.00	37.50	370	25.8	21.2	245	18.2	15.4	184	14.1	12.1	...	...	...	...	...	...	...
4.76	6.70	31.50	368	20.2	16.0	244	14.2	11.6	183	11.0	9.1	...	...	...	...	...	...	...
ARC-LENGTH CORRECTION FACTOR →												...	...	...	0.73	0.76	0.78	0.80
4.81	5.90	28.0	364	16.7	12.6	241	11.7	9.1	181	9.1	7.2	...	...	...	...	...	...	...
4.89	10.30	50.0	358	35.2	29.7	237	25.0	21.9	178	19.4	17.3	...	...	...	...	...	...	...
4.90	4.90	23.60	357	12.1	8.2	237	8.5	6.0	178	6.7	4.8	...	...	...	...	...	...	1.77
4.91	4.40	21.20	357	9.8	5.9	236	6.9	4.4	177	5.4	3.6	...	...	...	...	15.1	17.9	20.7
5.05	7.50	37.50	346	23.7	19.2	230	16.7	13.9	172	12.9	11.0	...	...	...	...	...	...	...
5.06	6.30	31.50	346	18.5	14.3	229	13.0	10.3	172	10.0	8.1	...	...	...	...	...	...	...
5.16	4.65	23.60	339	11.0	7.1	225	7.74	5.2	169	6.0	4.2	...	...	...	...	...	...	17.8
5.17	5.50	28.00	339	14.5	10.8	225	10.4	7.9	168	8.1	6.2	...	...	...	...	...	...	...
	9.75	50.00	338	33.0	27.8	224	23.4	20.4	168	18.2	16.1	...	...	...	...	...	...	...
5.34	7.10	37.50	328	22.0	17.6	217	15.4	12.8	163	12.0	10.0	...	...	...	...	...	...	...
5.41	5.90	31.5	323	16.7	12.5	214	11.7	9.1	161	9.1	7.2	...	...	...	...	...	...	...
5.45	9.25	50.00	321	31.0	26.0	213	21.9	19.0	160	17.0	15.0	...	...	...	...	...	...	...
5.47	4.40	23.60	320	9.8	5.9	212	6.9	4.4	159	5.4	3.6	...	...	...	...	...	...	18.0
	5.20	28.00	320	13.5	9.5	212	9.5	7.0	159	7.4	5.5	...	...	...	...	...	...	...
5.61	9.00	50.00	312	29.8	25.1	207	21.2	18.3	155	16.4	14.4	...	...	...	...	...	...	...
ARC-LENGTH CORRECTION FACTOR →												...	.80	.83	.85	.87	.89	.93

NOTE: * 5VX = Single and Polyband belts to 200" length
5V = Single and Polyband belts over 200" long

** Stock belt size 5VX530 not shown

NOTE: Selection program VIA-VISA available at www.ptwizard.com.

SELECTION



5VX D-V Wedge
Single Belts to 200"
POLYBAND to 200"

5V D-V Wedge
Single Belts over 200"
POLYBAND over 200"

STOCK DRIVE SELECTION

Ratio	Belt Number and Approx. Center Distance																								
	5VX 900	5VX 950	5VX 100	5VX 1060	5VX 1120	5VX 1180	5VX 1250	5VX 1320	5VX 1400	5VX 1500	5VX 1600	5VX 1700	5VX 1800	5VX 1900	5VX 2000	5V 2120	5V 2240	5V 2360	5V 2500	5V 2650	5V 2800	5V 3000	5V 3150	5V 3350	5V 3550
	.88	.90	.92	.93	.94	.95	.97	.96	.99	1.00	1.01	1.03	1.04	1.05	1.06	1.07	1.08	1.09	1.10	1.11	1.12	1.13	1.14	1.15	1.16
3.74	...	...	...	...	...	24.9	28.8	32.6	36.8	42	47	52	57	63	68	74	80	86	93	100	108	118	126	136	146
3.77	...	...	19.4	22.8	26.1	29.3	33.0	36.7	40.8	46	51	56	61	66	71	77	83	89	97	104	112	122	129	139	149
3.79	19.6	22.4	25.0	28.2	31.3	34.4	38.0	41.6	45.7	51	56	61	66	71	76	82	88	91	101	109	116	126	134	144	154
3.81	...	...	...	...	...	...	...	...	...	...	...	...	36	41	47	53	59	66	73	81	88	99	106	116	126
3.87	25.5	28.1	30.7	33.8	36.8	39.9	43.4	47.0	51.0	56	61	66	71	76	81	87	93	99	106	114	121	131	139	149	159
3.88	...	...	...	...	...	...	...	...	30	35	40	46	51	56	61	67	74	80	87	94	102	112	120	130	140
3.91	22.7	25.3	27.9	31.0	34.1	37.2	40.8	44.3	48.4	53	58	63	69	74	79	85	91	97	104	111	119	129	136	146	156
3.97	...	...	...	...	21.8	25.3	29.1	32.9	37.1	42	47	53	58	63	68	74	80	86	93	101	108	118	126	136	146
3.99	...	...	19.7	23.1	26.4	29.6	33.3	37.0	41.1	46	51	56	61	67	72	78	84	90	97	104	112	122	129	150	150
4.02	...	...	...	...	...	...	...	...	...	...	...	...	36	42	47	54	60	66	73	81	89	99	10	117	127
	.85	.87	.88	.90	.92	.93	.95	.96	.97	.99	1.00	1.01	1.03	1.04	1.05	1.06	1.07	1.08	1.09	1.10	1.11	1.12	1.13	1.14	1.15
4.05	19.9	22.6	25.3	28.5	31.6	34.7	38.3	41.9	46.0	51	56	61	66	71	76	82	88	94	101	109	116	127	134	144	154
4.09	25.7	28.3	30.9	33.9	37.0	40.0	43.6	47.1	51.2	56	61	66	71	76	81	87	93	99	106	114	121	131	139	149	159
	...	...	...	...	...	...	...	...	30.0	35	41	46	51	56	62	68	74	80	87	95	102	112	120	130	140
4.14	22.9	25.5	28.1	31.3	34.3	37.4	41.0	44.6	49	54	59	64	69	74	79	85	91	97	104	111	119	129	136	147	157
4.20	...	...	...	...	...	...	...	25.5	30	36	41	46	51	57	62	68	74	80	87	95	102	113	120	130	140
4.23	...	...	19.9	23.3	26.6	29.9	33.6	37.2	41	46	52	57	62	67	72	78	84	90	97	105	112	122	130	140	150
4.24	...	...	...	...	22.1	25.6	29.4	33.2	37	43	48	53	58	63	68	74	80	86	94	101	109	119	126	136	146
4.26	...	...	...	...	...	...	...	...	...	...	...	...	36	42	48	54	60	67	74	82	89	100	107	117	127
4.33	25.9	28.5	31.0	34.1	37.2	40.2	43.8	47.3	51.4	56	61	66	72	77	81	88	94	100	107	114	122	132	139	149	159
4.35	20.1	22.9	25.6	28.7	31.9	35.0	38.6	42.2	46.3	51	56	61	67	72	77	83	89	95	102	109	117	127	134	144	154
	0.87	0.89	0.91	0.92	0.93	0.94	.95	.97	.98	.99	1.01	1.02	1.03	1.04	1.05	1.06	1.07	1.08	1.09	1.10	1.11	1.12	1.13	1.14	1.15
4.40	23.1	25.7	28.3	31.5	34.6	37.6	41.2	44.8	48.8	54	59	64	69	74	79	85	91	97	104	112	119	129	137	147	157
4.45	...	...	...	...	...	...	...	25.8	30.4	36	41	47	52	57	62	68	74	81	88	95	103	113	120	131	141
4.46	...	...	...	...	...	...	...	...	...	...	...	...	37	42	48	54	61	67	74	82	90	100	108	118	128
4.49	...	...	...	...	22.4	25.8	29.7	33.5	37.7	43	48	53	58	63	69	75	81	87	94	101	109	119	127	137	147
4.50	...	...	20.2	23.6	26.9	30.1	33.8	37.5	41.7	47	52	57	62	67	72	78	84	90	97	105	113	123	130	140	150
4.61	20.3	23.1	25.7	28.9	32.1	35.2	38.8	42.4	46.5	52	57	62	67	72	77	83	89	95	102	110	117	127	135	145	155
4.62	...	...	...	...	...	...	...	...	...	...	...	...	37	43	48	55	61	67	75	82	90	100	108	118	128
4.64	23.2	25.9	28.5	31.6	34.7	37.8	41.4	44.9	49.0	54	59	64	69	74	79	85	91	97	104	112	119	129	137	147	157
4.73	...	...	...	...	...	...	...	26.1	30.7	36	42	47	52	57	62	69	75	81	88	93	103	113	121	131	141
4.76	...	...	...	...	22.6	26.1	29.9	33.7	38.0	43	48	54	59	64	69	75	81	87	94	102	109	119	127	137	147
	0.83	0.84	0.85	0.86	0.87	0.88	0.89	0.91	0.93	0.96	0.97	0.98	1.00	1.01	1.02	1.036	10.4	1.06	1.07	1.08	1.09	1.10	1.12	1.13	1.14
4.81	...	...	20.4	23.8	27.1	30.4	34.1	37.8	41.9	47	52	57	62	67	73	79	85	91	98	105	113	123	130	140	150
4.89	...	...	...	...	...	...	...	...	...	...	...	...	37	43	49	55	61	68	75	83	90	101	108	119	129
4.90	20.5	23.2	25.9	29.1	32.3	35.4	39.0	42.6	46.7	52	57	62	67	72	77	83	89	95	102	110	117	127	135	145	155
4.91	23.4	26.0	28.7	31.8	34.9	38.0	41.6	45.1	49.2	54	59	64	69	74	79	85	91	97	105	112	120	130	137	147	157
5.05	...	...	...	...	...	...	...	26.4	31.0	37	42	47	52	58	63	69	75	81	88	96	104	114	121	131	141
5.06	...	...	...	...	22.9	26.3	30.2	34.0	38.3	44	49	54	59	64	69	75	81	87	94	102	110	120	127	137	147
5.16	20.6	23.4	26.1	29.3	32.4	35.5	39.2	42.8	46.9	52	57	62	67	72	77	83	89	95	102	110	117	127	135	145	155
5.17	...	...	20.6	24.1	27.4	30.6	34.4	38.0	42.2	47	52	58	63	68	73	79	85	91	98	106	113	123	134	141	151
	...	...	...	...	...	...	...	...	...	...	...	...	38	43	49	55	62	68	75	83	91	101	109	119	129
5.34	...	...	...	...	...	...	...	26.6	31.3	37	42	47	53	58	63	69	75	82	89	96	104	114	121	132	142
5.41	...	...	...	...	23.1	26.6	30.5	34.2	38.5	44	49	54	59	64	69	76	82	88	95	102	110	120	127	138	148
5.45	...	...	...	...	...	...	...	...	...	...	...	...	38	44	49	56	62	68	76	84	91	101	109	119	129
5.47	20.8	23.6	26.3	29.5	32.6	35.7	39.3	42.9	47.0	52	57	62	67	72	77	83	90	96	103	110	118	128	135	145	155
	...	...	20.8	24.3	27.6	30.8	34.5	38.2	42.4	48	53	58	63	68	73	79	85	91	98	106	113	123	131	141	151
5.61	...	...	...	...	...	...	...	...	...	...	...	32	38	44	49	56	62	69	76	84	91	102	109	119	130
	0.80	0.83	0.84	0.85			.93	.94	.96	.98	.99	1.00	1.02	1.03	1.04	1.05	1.06	1.07	1.08	1.06	1.11	1.09	1.13	1.12	1.15

NOTES: ** Stock belt size 5V2650 & 5V3350 not shown
Arc & Length Factors are approximate values
Refer to Selection Procedure for more precise values

NOTE: Selection program VIA-VISA available at www.ptwizard.com.



SELECTION

5VX D-V Wedge
Single Belts to 200"
POLYBAND to 200"

5V D-V Wedge
Single Belts over 200"
POLYBAND over 200"

STOCK DRIVE SELECTION

Ratio	Stock Sheaves		1750 RPM Driver			1160 RPM Driver			870 RPM Driver			Belt Number and Approx. Center Distance**						
	Diameter		Driven RPM	HP/Belt		Driven RPM	HP/Belt		Driven RPM	HP/Belt		5VX	5VX	5VX	5VX	5VX	5VX	5VX
	Driver	Driven		5VX	5VX		5VX	5VX		5VX	5VX	600	630	670	710	750	800	850
5.67	6.70	37.50	309	20.2	16.0	205	14.2	11.6	153	11.0	9.1	...	...	...	...	...	...	...
5.81	4.90	28.00	301	12.1	8.2	200	8.5	6.0	150	6.7	4.8	...	...	...	...	...	...	...
	5.50	31.50	301	14.9	10.8	199	10.5	7.9	150	8.1	6.2	...	...	...	...	...	...	...
5.94	8.50	50.00	295	27.9	23.2	195	19.7	16.9	146	15.3	13.3	...	...	...	...	...	...	...
6.03	6.30	37.50	290	18.5	14.3	192	13.0	10.3	144	10.1	8.1	...	...	...	...	...	...	...
6.13	4.65	28.00	285	11.0	7.1	189	7.7	5.2	142	6.0	4.2	...	...	...	...	...	...	...
6.16	5.20	31.50	284	13.5	9.5	188	9.5	7.0	141	7.4	5.5	...	...	...	...	...	...	...
6.32	8.00	50.00	277	25.8	21.2	184	18.2	15.4	138	14.1	12.1	...	...	...	...	...	...	...
6.45	5.90	37.50	271	16.7	12.6	180	11.7	9.1	135	9.1	7.2	...	...	...	...	...	...	...
6.49	4.40	28.00	270	9.8	5.9	179	6.9	4.4	134	5.4	3.6	...	...	...	...	...	...	...
6.54	4.90	31.50	268	12.1	8.2	177	8.5	6.0	133	6.7	4.8	...	...	...	...	...	...	...
6.74	7.50	50.00	260	23.7	19.3	172	16.7	14.0	129	12.9	11.0	...	...	...	...	...	...	...
6.90	4.65	31.50	254	11.0	7.1	168	7.7	5.2	126	6.0	4.2	...	...	...	...	...	...	...
6.93	5.50	37.50	253	14.9	10.7	167	10.5	7.9	126	8.1	6.2	...	...	...	...	...	...	...
7.13	7.10	50.00	245	22.0	17.6	163	15.4	12.8	122	12.0	10.0	...	...	...	...	...	...	...
ARC-LENGTH CORRECTION FACTOR →												...	...	...	...	...	...	...
7.30	4.40	31.50	240	9.8	5.9	159	6.9	4.4	119	5.4	3.6	...	...	...	...	...	...	...
7.33	5.20	37.50	239	13.5	9.5	158	9.5	7.0	119	7.4	5.5	...	...	...	...	...	...	...
7.56	6.70	50.00	231	20.2	16.0	153	14.2	11.6	115	11.0	9.1	...	...	...	...	...	...	...
7.79	4.90	37.50	225	12.1	8.2	149	8.5	6.0	112	6.7	4.8	...	...	...	...	...	...	...
8.05	6.30	50.00	217	18.5	14.3	144	13.0	10.4	108	10.1	82.0	...	...	...	...	...	...	...
ARC-LENGTH CORRECTION FACTOR →												...	...	...	...	...	...	...
8.22	4.65	37.50	213	11.0	7.1	141	7.7	5.2	106	6.0	4.2	...	...	...	...	...	...	...
8.60	5.90	50.00	203	16.7	12.6	135	11.7	9.1	101	9.1	7.2	...	...	...	...	...	...	...
8.70	4.40	37.50	201	9.8	5.9	133	6.9	4.4	100	5.4	3.6	...	...	...	...	...	...	...
9.24	5.50	50.00	189	14.9	10.9	126	10.5	7.9	94	8.1	6.2	...	...	...	...	...	...	...
9.78	5.20	50.00	179	13.5	9.5	119	9.5	7.0	89	7.4	5.5	...	...	...	...	...	...	...
10.40	4.90	50.00	168	12.1	8.2	112	8.5	6.0	84	6.7	4.8	...	...	...	...	...	...	...
10.97	4.65	50.00	160	11.0	7.1	106	7.7	5.2	79	6.0	4.2	...	...	...	...	...	...	...
11.60	4.40	50.00	151	9.8	5.9	100	6.9	4.4	75	5.4	3.6	...	...	...	...	...	...	...
ARC-LENGTH CORRECTION FACTOR →												...	...	...	...	...	...	...

NOTE: * 5VX = Single and Polyband belts to 200" length
5V = Single and Polyband belts over 200" long

** Stock belt size 5VX530 not shown

NOTE: Selection program VIA-VISA available at www.ptwizard.com.

SELECTION



5VX D-V Wedge
Single Belts to 200"
POLYBAND to 200"

5V D-V Wedge
Single Belts over 200"
POLYBAND over 200"

STOCK DRIVE SELECTION

Ratio	Belt Number and Approx. Center Distance																									
	5VX 900	5VX 950	5VX 100	5VX 1060	5VX 1120	5VX 1180	5VX 1250	5VX 1320	1400	5VX 1500	5VX 1600	1700	5VX 1800	5VX 1900	2000	5V 2120	5V 2240	5V 2360	5V 2500	5V 2650	5V 2800	5V 3000	5V 3150	5V 3350	5V 3550	
5.67	...	...	...	...	...	...	...	26.9	31.5	37	40	48	53	58	63	70	76	82	89	97	104	114	122	132	142	
5.81	...	18.0	21.0	24.4	27.8	31.0	34.7	38.4	42.6	48	53	58	63	68	73	79	85	91	98	106	114	124	131	141	151	
	...	...	...	...	23.3	26.8	30.7	34.5	38.8	44	49	54	60	65	70	76	82	88	95	103	110	120	128	138	148	
5.94	...	...	...	...	...	...	...	...	...	...	...	32	38	44	50	56	63	69	76	84	92	102	110	120	130	
6.03	...	...	...	...	...	...	...	27.1	31.8	37	43	48	53	58	64	70	76	82	89	97	104	115	122	132	142	
6.13	...	18.1	21.1	24.6	27.9	31.2	34.9	38.6	42.8	48	53	58	63	68	73	79	86	92	99	106	114	124	131	141	151	
6.16	...	...	...	...	23.5	27.0	30.9	34.7	39.0	44	49	55	60	65	70	76	82	88	95	103	110	120	128	138	148	
6.32	...	...	...	...	...	...	...	...	...	...	...	33	39	44	50	56	63	69	76.6	84	92	102	110	120	130	
6.45	...	...	...	...	...	...	...	27.4	32.0	38	43	48	54	59	64	70	76	82	89	97	105	115	122	132	142	
6.49	...	18.3	21.3	24.7	28.1	31.3	35.1	38.8	42.9	48	53	58	63	68	74	80	86	92	99	106	114	124	131	142	152	
6.54	...	...	...	20.0	23.7	27.2	31.1	34.9	39.2	44	50	55	60	65	70	76	82	88	95	103	111	121	128	138	148	
6.74	...	...	...	...	...	...	...	...	...	...	...	33	39	45	50	57	63	70	77	85	92	103	110	120	131	
6.90	...	...	...	20.2	23.8	27.3	31.2	35.1	39.3	45	50	55	60	65	70	76	83	89	96	103	111	121	127	138	149	
6.93	...	...	...	...	...	...	...	27.6	32.3	38	43	49	54	59	64	70	71	83	90	97	105	115	123	133	143	
7.13	...	...	...	...	...	...	...	...	...	...	...	33	39	45	51	57	64	70	77	85	93	103	111	121	131	
	...	0.75	0.77	0.81	.84	0.87	0.88	0.89	0.91	0.93	0.94	0.95	0.97	0.99	1.00	4.02	1.04	1.06	1.09	1.09	1.10	1.11	1.12	1.13	1.14	
7.30	...	...	...	20.3	24.0	27.5	31.4	35.2	39.5	45	50	55	60	65	71	77	83	86	96	103	111	121	129	139	149	
7.33	...	...	...	...	...	...	...	27.8	32.4	38	43	49	54	59	64	71	77	83	90	98	105	115	123	133	143.1	
7.56	...	...	...	...	...	...	...	...	...	...	...	33	39	45	51	57	64	70	77	85	93	103	111	121	131.2	
7.79	...	...	...	...	...	...	23.6	28.0	32.6	38	44	49	54	59	65	71	77	83	90	98	105	116	123	133	143.3	
8.05	...	...	...	...	...	...	...	...	...	...	...	34	40	45	51	58	64	70	78	86	93	103	111	121	131	
	...	...	...	0.79	0.82	0.84	0.86	0.88	0.89	0.90	0.93	0.94	0.96	0.97	0.98	1.00	1.02	1.04	10.5	10.7	10.8	1.10	1.11	1.12	1.14	
8.22	...	...	...	...	...	...	23.7	28.1	32.8	38	44	49	54	60	65	71	77	83	90	98	106	116	123	133	143	
8.60	...	...	...	...	...	...	...	...	...	...	...	34	40	46	51	59	64	71	78	86	94	104	111	122	132	
8.70	...	...	...	...	...	...	23.9	28.3	33.0	39	44	49	55	60	65	71	77	83	91	98	106	116	123	134	144	
9.24	...	...	...	...	...	...	...	...	...	...	...	34	40	46	52	58	64	71	78	86	94	104	112	122	132	
9.78	...	...	...	...	...	...	...	...	...	...	...	34	40	46	52	58	64	71	78	86	94	104	112	122	132	
10.40	...	...	...	...	...	...	...	...	...	...	...	35	41	46	52	59	65	71	79	86	91	104	112	122	132	
10.97	...	...	...	...	...	...	...	...	...	...	...	35	41	47	52	59	65	72	79	87	94	105	112	123	133	
11.60	...	...	...	...	...	...	...	...	...	...	...	35	41	47	52	59	65	72	79	87	95	101	112	123	133	
	...	...	...	...	...	...	0.84	0.86	0.87	0.88	0.90	0.92	0.94	0.95	0.96	0.98	1.00	1.02	1.04	1.05	1.07	1.09	1.11	1.12	1.14	

NOTE: Arc & Length Factors are approximate values
Refer to Selection Procedure for more precise values

NOTE: Selection program VIA-VISA available at www.ptwizd.com.



8V

D-V Wedge &
POLYBAND Belts

STOCK DRIVE SELECTIONS

Ratio	Stock Sheaves		1750 RPM Driver		1160 RPM Driver		870 RPM Driver		Belt Number and Approx. Center Distance							
	Diameter		Driven RPM	HP Per Belt	Driven RPM	HP Per Belt	Driven RPM	HP Per Belt	8VX 1000	8VX 1060	8VX 1120	8VX 1180	8VX 1250	8VX 1320	8VX 1400	8VX 1500
	Driver	Driven		8V		8V		8V								
1.00	12.5	12.5	1750	50.9	1160	42.6	870	35.0	30.4	33.4	36.4	39.4	42.9	46.4	50.4	55.4
	13.2	13.2	1750	56.1	1160	47.3	870	38.9	29.3	32.3	35.3	38.3	41.8	45.3	49.3	54.3
	14.0	14.0	1750	61.7	1160	52.5	870	43.2	28.0	31.0	34.0	37.0	40.5	44.0	48.0	53.0
	15.0	15.0	...	...	1160	58.8	870	48.6	26.4	29.4	32.4	35.4	38.9	42.5	46.5	51.5
	16.0	16.0	...	...	1160	64.8	870	53.8	24.9	27.9	30.9	33.9	37.4	40.9	44.9	49.9
	17.0	17.0	...	...	1160	70.6	870	58.9	23.3	26.3	29.3	32.3	35.8	39.3	43.3	48.3
	18.0	18.0	...	...	1160	76.1	870	63.9	21.7	24.7	27.7	30.7	34.2	37.7	41.7	46.7
	19.0	19.0	...	...	1160	81.2	870	68.7	...	23.2	26.2	29.2	32.7	36.2	40.2	45.2
	20.0	20.0	...	...	1160	86.1	870	73.3	...	...	24.6	27.6	31.1	34.6	38.6	43.6
	21.2	21.2	...	...	1160	91.5	870	78.8	...	...	...	25.7	29.2	32.7	36.7	41.7
	22.4	22.4	...	...	....	....	870	84.0	...	...	...	...	27.3	30.8	34.8	39.8
	24.8	24.8	...	...	....	....	870	93.8	...	...	...	...	...	...	31.0	36.0
1.05	19.0	20.0	...	...	1101	82.5	826	69.6	...	...	25.4	28.4	31.9	...	39.4	44.4
1.06	12.5	13.2	1656	53.0	1098	44.1	823	36.1	29.8	32.8	35.8	38.8	42.3	45.8	49.8	54.8
	13.2	14.0	1649	58.4	1093	48.7	820	40.0	28.6	31.6	34.6	37.6	41.1	44.6	48.6	53.6
	16.0	17.0	...	...	1091	66.3	818	54.9	24.1	27.1	30.1	33.1	36.6	40.1	44.1	49.1
	17.0	18.0	...	...	1095	72.1	821	60.0	22.5	25.5	28.5	31.5	35.0	38.5	42.5	47.5
	18.0	19.0	...	...	1098	77.5	824	65.0	...	23.9	27.0	30.0	33.5	37.0	41.0	46.0
	20.0	21.2	...	...	1094	87.6	820	74.5	...	...	...	26.7	30.2	33.7	37.7	42.7
	21.2	22.4	...	...	1097	93.0	823	79.9	...	...	...	...	28.3	31.8	35.8	40.8
1.07	14.0	15.0	1632	64.2	1082	54.2	811	44.5	27.2	30.2	33.2	36.2	39.7	43.2	47.2	52.2
	15.0	16.0	...	...	1087	60.5	815	49.8	25.7	28.7	31.7	34.7	38.2	41.7	45.7	50.7
1.11	18.0	20.0	...	...	1043	78.5	782	65.7	...	23.1	26.2	39.2	32.7	36.2	40.2	45.2
	22.4	24.8	...	...	...	...	785	85.8	...	...	...	...	...	28.9	32.9	37.9
ARC-LENGTH CORRECTION FACTOR →									.86	.87	.86	.89	.90	.90	.91	.92
1.12	12.5	14.0	1560	54.8	1034	45.2	775	37.0	29.2	32.2	35.2	38.2	41.7	45.2	49.2	54.2
	17.0	19.0	...	...	1037	73.2	777	60.8	21.7	24.7	27.7	30.7	34.2	37.7	41.7	46.7
	19.0	21.2	...	...	1038	83.8	779	70.6	...	...	24.4	27.4	30.9	34.4	38.4	43.4
	20.0	22.4	...	...	1035	88.7	776	75.3	...	...	...	25.7	29.3	32.7	36.7	41.7
1.13	16.0	18.0	...	...	1030	67.5	772	55.9	23.3	26.3	29.3	32.3	35.8	39.3	43.3	48.3
1.14	13.2	15.0	1537	60.4	1019	50.1	764	41.0	27.8	30.8	33.9	36.9	40.4	43.9	47.9	52.9
	14.0	16.0	1528	66.1	1013	55.4	760	45.4	26.4	29.4	32.4	35.4	38.9	42.4	46.4	51.4
	15.0	17.0	...	...	1022	61.66	766	50.7	24.9	27.9	30.9	33.9	37.4	40.9	44.9	49.9
1.17	21.2	24.8	...	...	990	94.83	743	81.3	...	...	...	...	...	29.8	33.8	38.8
1.18	17.0	20.0	...	...	984	73.98	738	61.4	...	23.9	26.9	29.9	33.4	36.9	40.9	45.9
	18.0	21.2	...	...	983	79.46	737	66.4	...	...	25.2	28.2	31.7	35.2	39.2	44.2
	19.0	22.4	...	...	982	84.65	737	71.3	...	...	...	26.4	30.0	33.5	37.5	42.5
1.19	16.0	19.0	...	...	975	68.33	731	56.4	22.5	25.5	28.5	31.5	35.0	38.5	42.5	47.5
1.20	12.5	15.0	1454	56.4	964	46.20	723	37.7	28.4	31.4	34.4	37.4	40.9	44.4	48.4	53.4
	15.0	18.0	...	...	964	62.40	723	51.3	24.0	27.1	30.1	33.1	36.6	40.1	44.1	49.1
1.21	24.8	30.0	...	...	...	...	718	96.6	...	...	...	...	...	...	...	31.9
1.22	13.2	16.0	1440	61.8	954	51.09	716	41.7	27.0	30.0	33.0	36.1	39.6	43.1	47.1	52.1
	14.0	17.0	1438	67.4	953	56.31	715	46.1	25.6	28.6	31.6	34.6	38.1	41.6	45.6	50.6
1.24	20.0	24.8	...	...	934	90.14	700	76.4	...	...	...	...	27.2	30.7	34.7	39.7
1.25	16.0	20.0	...	...	926	68.92	694	56.9	21.6	24.7	27.7	30.7	34.2	37.7	41.7	46.7
	17.0	21.2	...	...	928	74.68	696	62.0	...	22.9	25.9	28.9	32.4	36.0	40.0	45.0
	18.0	22.4	...	...	930	80.16	698	66.9	...	...	24.2	27.2	30.7	34.2	38.2	43.2
1.27	15.0	19.0	...	...	913	63.04	685	51.8	23.2	26.2	29.2	32.2	35.8	39.3	43.3	48.3
1.28	12.5	16.0	1362	57.5	903	46.92	677	38.2	27.6	30.6	33.6	36.6	40.1	43.6	47.6	52.6
1.29	13.2	17.0	1354	62.8	898	51.68	673	42.2	26.2	29.2	32.2	35.2	38.7	42.3	46.3	51.3
	14.0	18.0	1357	68.3	899	56.89	674	46.5	24.8	27.8	30.8	33.8	37.3	40.8	44.8	49.8
1.31	19.0	24.8	...	...	887	85.80	665	72.1	...	...	...	...	27.9	31.5	35.5	40.5
1.32	17.0	22.4	...	...	878	75.19	658	62.4	...	...	24.9	27.9	31.5	35.0	39.0	44.0
1.33	16.0	21.2	...	...	873	69.49	655	57.3	...	23.7	26.7	29.7	33.2	36.7	40.7	45.7
1.34	15.0	20.0	...	...	867	63.51	650	52.1	22.4	25.4	28.4	31.4	34.9	38.4	42.5	47.5
	22.4	30.0	...	...	...	...	648	87.6	...	...	...	...	...	...	...	33.7
ARC-LENGTH CORRECTION FACTOR →									.84	.85	.86	.87	.88	.89	.90	.90

NOTE: Arc & Length Factors are approximate values
Refer to Selection Procedure for more precise values

NOTE: Selection program VIA-VISA available at www.ptwizd.com.

SELECTION



8V

**D-V Wedge &
POLYBAND Belts**

STOCK DRIVE SELECTIONS

Ratio	Belt Number and Approx. Center Distance																					
	8VX 1600	8VX 1700	8VX 1800	8VX 1900	8VX 2000	8V 2120	8V 2240	8V 2360	8V 2500	8V 2650	8V 2800	8V 3000	8V 3150	8V 3350	8V 3550	8V 3750	8V 4000	8V 4250	8V 4500	8V 4750	8V 5000	8V 5600
1.00	60.4	65.4	70.4	75.4	80.4	86.4	92.4	98.4	105	113	120	130	138	148	158	168	180	193	205	218	230	260
	59.3	64.3	69.3	74.3	79.3	85.3	91.3	97.3	104	112	119	129	137	147	157	167	179	192	204	217	229	259
	58.0	63.0	68.0	73.0	78.0	84.0	90.0	96.0	103	110	118	128	135	145	155	165	178	190	203	215	228	258
	56.5	61.5	66.5	71.5	76.5	82.5	88.5	94.5	101	109	116	126	134	144	154	164	176	189	201	214	226	256
	54.9	59.9	64.9	69.9	74.9	80.9	86.9	92.9	100	107	115	125	132	142	152	162	175	187	200	212	225	255
	53.3	58.3	63.3	68.3	73.3	79.3	85.3	91.3	98	106	113	123	131	141	151	161	173	186	198	211	223	253
	51.7	56.7	61.7	66.7	71.7	77.7	83.7	89.7	97	104	112	122	129	139	149	159	172	184	197	209	222	252
	50.2	55.2	60.2	65.2	70.2	76.2	82.2	88.2	95	103	110	120	127	138	148	158	170	183	195	208	220	250
	48.6	53.6	58.6	63.6	68.6	74.6	80.6	86.6	94	101	109	119	126	136	146	156	169	181	194	206	219	248
	46.7	51.7	56.7	61.7	66.7	72.7	78.7	84.7	92	99	107	117	124	134	144	154	167	179	192	204	217	247
	44.8	49.8	54.8	59.8	64.8	70.8	76.8	82.8	90	97	105	115	122	132	142	152	165	177	190	202	215	245
41.0	46.0	51.0	56.0	61.0	67.0	73.0	79.0	86	93	101	111	118	128	138	148	161	173	186	198	211	241	
1.05	49.4	54.4	59.4	64.4	69.4	75.4	81.4	87.4	94	102	109	119	127	137	147	157	169	182	194	207	219	249
1.06	59.8	64.8	69.8	74.8	79.8	85.8	91.8	97.8	105	112	120	130	137	147	157	167	180	192	205	217	230	26
	58.6	63.6	68.6	73.6	78.6	84.6	90.6	96.6	104	111	119	129	136	146	156	166	179	191	204	216	229	259
	54.1	59.1	64.1	69.1	74.1	80.1	86.1	92.1	99	107	114	124	132	142	152	162	174	187	199	212	224	254
	52.5	57.5	62.5	67.5	72.5	78.5	84.5	90.5	97	105	112	122	130	140	150	160	172	185	197	210	222	252
	51.0	56.0	61.0	66.0	71.0	77.0	83.0	89.0	96	103	111	121	128	138	148	158	171	183	196	208	221	251
	47.7	52.7	57.7	62.7	67.7	73.7	79.7	85.7	93	100	108	118	125	135	145	155	168	180	193	206	218	248
1.07	45.8	50.8	55.8	60.8	65.8	71.8	77.8	83.8	91	98	106	116	123	133	143	153	166	178	191	203	216	246
	57.2	62.2	67.2	72.2	77.2	83.2	89.2	95.2	102	110	117	127	134	145	155	165	177	190	202	215	227	257
1.11	55.2	60.7	65.7	70.7	75.7	81.7	87.7	93.7	101	108	116	126	133	143	153	163	176	188	201	213	226	256
	50.2	55.2	60.2	65.2	70.2	76.2	82.2	88.2	95	103	110	120	128	138	148	158	170	183	195	208	220	250
	42.9	47.9	52.9	57.9	62.9	68.9	74.9	80.9	88	95	103	113	120	130	140	150	163	175	188	200	213	243
	.93	.94	.95	.96	.97	.97	.98	.99	1.00	1.01	1.02	1.03	1.03	1.04	1.05	1.06	1.07	1.08	1.09	1.09	1.10	1.12
1.12	59.2	64.2	69.2	74.2	79.2	85.2	91.2	97.2	104	112	119	129	137	147	157	167	179	192	204	217	229	259
	51.7	56.7	61.7	66.7	71.7	77.7	83.7	89.7	97	104	112	122	129	139	149	159	172	184	197	209	222	252
	48.4	53.4	58.4	63.4	68.4	74.4	80.4	86.4	93	101	108	118	126	136	146	156	168	181	193	206	218	248
	46.7	51.7	56.7	61.7	66.7	72.7	78.7	84.7	92	99	107	117	124	134	144	154	167	179	191	204	217	247
1.13	53.3	58.3	63.3	68.3	73.3	79.3	85.3	91.3	98	106	113	123	131	141	151	161	173	186	198	211	223	253
1.14	57.9	62.9	67.9	72.9	77.9	83.9	89.9	95.9	103	110	118	128	135	145	155	165	178	190	203	215	228	258
	56.4	61.4	66.4	71.4	76.4	82.4	88.4	94.4	101	109	116	126	134	144	154	164	17	189	201	214	226	256
	54.9	59.9	64.9	69.9	74.9	80.9	86.9	92.9	100	107	115	125	132	142	152	162	175	187	200	212	225	255
1.17	43.8	48.8	53.8	58.8	63.8	69.8	75.9	81.9	89	96	104	114	121	131	141	151	164	176	189	201	214	244
1.18	50.9	55.9	60.9	65.9	70.9	76.9	82.9	88.9	96	103	111	121	128	138	148	158	171	183	196	208	221	251
	49.2	54.2	59.2	64.2	69.2	75.2	81.2	87.2	94	102	109	119	127	137	147	157	169	182	194	207	219	249
	47.5	52.5	57.5	62.5	67.5	73.5	79.5	85.5	92	100	107	117	125	135	145	155	167	180	192	205	217	247
1.19	52.5	57.5	62.5	67.5	72.5	78.5	84.5	90.5	97	105	112	122	130	140	150	160	172	185	197	210	222	252
1.20	58.4	63.4	68.4	73.4	78.4	84.4	90.4	96.4	103	111	118	128	136	146	156	166	178	191	203	216	228	258
	54.1	59.1	64.1	69.1	74.1	80.1	86.1	92.1	99	107	114	124	132	142	152	162	174	187	199	212	224	254
1.21	36.9	41.9	46.9	51.9	56.9	62.9	68.9	74.9	82	89	97	107	114	124	134	144	157	169	182	194	207	237
1.22	57.1	62.1	67.1	72.1	77.1	83.1	89.1	95.1	102	110	117	127	135	145	155	165	177	190	202	215	227	257
	55.6	60.6	65.6	70.6	75.7	81.7	87.7	93.7	101	108	116	126	133	143	153	163	176	186	201	213	226	256
1.24	44.8	49.8	54.8	59.8	64.8	70.8	76.8	82.8	90	97	105	115	122	132	142	152	165	177	190	202	215	244
1.25	51.7	56.7	61.7	66.7	71.7	77.7	83.7	89.7	97	104	112	122	129	139	149	159	172	184	197	209	222	252
	50.0	55.0	60.0	65.0	70.0	76.0	82.0	88.0	95	102	110	120	127	137	147	157	170	182	195	207	220	250
	48.2	53.2	58.2	63.2	68.3	74.3	80.3	86.3	93	101	108	118	126	136	146	156	168	181	193	206	218	248
1.27	53.3	58.3	63.3	68.3	73.3	79.3	85.3	91.3	98	106	113	123	131	141	151	161	173	186	198	212	223	253
1.28	57.6	62.6	67.6	72.6	77.6	83.6	89.6	95.6	103	110	118	128	135	145	155	165	178	190	203	21	228	258
1.29	56.3	61.3	66.3	71.3	76.3	82.3	88.3	94.3	101	109	116	126	134	144	154	164	176	189	201	214	226	256
	54.8	59.8	64.8	69.9	74.9	80.9	86.9	92.9	100	107	115	125	132	142	152	162	175	187	200	212	225	255
1.31	45.5	50.5	55.5	60.5	65.5	71.5	77.5	83.5	91	98	106	116	123	133	143	153	166	178	191	203	216	245
1.32	49.0	54.0	59.0	64.0	69.0	75.0	81.0	87.0	94	101	109	119	126	135	146	156	169	182	194	207	219	249
1.33	50.7	55.7	60.7	65.7	70.8	76.8	82.8	88.8	96	103	111	121	128	138	148	158	171	183	196	208	221	251
1.34	52.5	57.5	62.5	67.5	72.5	78.5	84.5	90.5	97	105	112	122	130	140	150	160	172	185	197	210	222	252
	38.7	43.7	48.7	53.7	58.7	64.8	70.8	76.8	84	91	99											

NOTE: Selection program VIA-VISA available at www.ptwizord.com.

SELECTION



8V

D-V Wedge &
POLYBAND Belts

STOCK DRIVE SELECTIONS

Ratio	Stock Sheaves		1750 RPM Driver		1160 RPM Driver		870 RPM Driver		Belt Number and Approx. Center Distance							
	Outside Diameter		Driven RPM	HP Per Belt	Driven RPM	HP Per Belt	Driven RPM	HP Per Belt	8VX 1000	8VX 1060	8VX 1120	8VX 1180	8VX 1250	8VX 1320	8VX 1400	8VX 1500
	Driver	Driven		8V		8V		8V								
1.36	14.0	19.0	1285	69.0	851	57.3	639	46.9	24.0	27.0	30.0	33.0	36.5	40.0	44.0	49.0
1.37	12.5	17.0	1281	58.3	849	47.5	637	38.7	26.7	29.8	32.8	35.8	39.3	42.8	46.8	51.8
	13.2	18.0	1278	63.5	847	52.2	635	42.5	25.4	28.4	31.4	34.4	37.9	41.4	45.4	50.5
1.38	18.0	24.8	...	...	839	81.0	630	67.6	...	...	...	25.2	28.7	32.2	36.2	41.2
1.41	16.0	22.4	...	...	826	69.9	619	57.6	...	...	25.7	28.7	32.2	35.7	39.7	44.7
1.42	15.0	21.2	...	...	818	63.9	613	52.4	...	24.4	27.4	30.4	33.9	37.5	41.5	46.5
	21.2	30.0	...	...	817	96.7	613	82.7	...	...	...	...	...	...	29.5	34.5
1.43	14.0	20.0	1220	69.5	808	57.7	606	47.1	23.1	26.1	29.2	32.2	35.7	39.2	43.2	48.2
	24.8	35.5	...	...	...	...	606	97.6	...	...	...	...	...	...	...	...
1.45	12.5	18.0	1209	58.8	802	47.8	601	38.9	25.9	28.9	31.9	34.9	38.5	42.0	46.0	51.0
	13.2	19.0	1210	64.0	802	52.5	602	42.8	24.6	27.6	30.6	33.6	37.1	40.6	44.6	49.6
1.46	17.0	24.8	...	...	792	75.9	594	62.9	...	...	...	25.9	29.4	32.9	37.0	42.0
1.50	15.0	22.4	...	...	773	64.2	580	52.6	...	23.3	26.4	29.4	32.9	36.5	40.5	45.5
1.51	20.0	30.0	...	...	771	91.5	578	77.5	...	...	...	...	...	...	30.3	35.4
1.52	13.2	20.0	1149	64.4	762	52.7	571	43.0	23.7	26.7	29.7	32.8	36.3	39.8	43.8	48.8
	14.0	21.2	1150	69.9	762	57.9	572	47.3	22.1	25.1	28.1	31.2	34.7	38.2	42.2	47.2
1.53	12.5	19.0	1145	59.2	759	48.2	569	39.1	25.1	28.1	31.1	34.1	37.6	41.1	45.2	50.2
1.56	16.0	24.8	...	...	745	70.4	559	58.0	...	...	...	26.6	30.1	33.7	37.7	42.7
1.59	19.0	30.0	...	...	732	86.9	549	72.9	...	...	...	...	...	...	31.0	36.1
	22.4	35.5	...	...	...	...	547	88.3	...	...	...	...	...	...	...	...
1.61	12.5	20.0	1087	59.5	721	48.3	540	39.3	24.2	27.2	30.3	33.3	36.8	40.3	44.3	49.3
	14.0	22.4	1088	70.2	721	58.2	541	47.5	...	24.1	27.1	30.1	33.7	37.2	41.2	46.2
1.62	13.2	21.2	1083	64.7	718	53.0	539	43.2	22.6	25.7	28.7	31.7	35.3	38.8	42.8	47.8
	24.8	40.0	...	...	...	...	538	98.0	...	...	...	...	...	...	...	...
1.66	15.0	24.8	...	...	698	64.6	523	52.9	...	...	24.2	27.3	30.9	34.4	38.4	43.5
ARC-LENGTH CORRECTION FACTOR →									.83	.84	.85	.86	.87	.88	.89	.91
1.67	18.0	30.0	...	...	693	81.9	520	68.2	...	...	...	...	...	27.7	31.7	36.8
1.68	21.2	35.5	...	...	690	97.4	518	83.2	...	...	...	...	...	...	...	...
1.71	12.5	21.2	1025	59.7	679	48.4	510	39.4	23.1	26.2	29.2	32.3	35.8	39.3	43.3	48.3
	13.2	22.4	1025	65.0	679	53.1	509	43.3	21.6	24.6	27.7	30.7	34.2	37.8	41.8	46.8
1.77	17.0	30.0	...	...	654	76.5	490	63.4	...	...	...	...	...	28.4	32.5	37.5
1.78	14.0	24.8	982	70.6	651	58.4	488	47.7	...	...	24.9	28.0	31.6	35.1	39.2	44.2
	20.0	35.5	...	...	651	92.1	488	77.9	...	...	...	...	...	...	...	...
1.79	22.4	40.0	...	...	...	...	485	88.5	...	...	...	...	...	...	...	...
1.80	12.5	22.4	970	59.9	643	48.6	482	39.5	22.0	25.1	28.2	31.2	34.7	38.3	42.3	47.3
	24.8	44.5	...	...	...	...	483	98.3	...	...	...	...	...	...	...	...
1.88	19.0	35.5	...	...	618	87.3	463	73.2	...	...	...	...	...	...	...	31.1
1.89	13.2	24.8	925	65.3	613	53.3	460	43.4	...	...	25.5	28.6	32.1	35.7	39.7	44.8
	16.0	30.0	...	...	615	70.9	461	58.4	...	...	...	...	...	29.0	33.1	38.2
1.90	21.2	40.0	...	...	612	97.6	459	83.4	...	...	...	...	...	...	...	...
1.98	18.0	35.5	...	...	585	82.2	439	68.5	...	...	...	...	...	...	...	31.8
2.00	12.5	24.8	875	60.2	580	48.7	435	39.6	...	22.9	26.0	29.1	32.6	36.2	40.2	45.3
	22.4	44.5	...	...	...	...	436	88.7	...	...	...	...	...	...	...	...
2.01	15.0	30.0	...	...	576	64.9	432	53.2	...	...	...	...	26.1	29.7	33.8	38.9
	20.0	40.0	...	...	577	92.3	433	78.0	...	...	...	...	...	...	...	...
2.10	17.0	35.5	...	...	552	76.8	414	63.6	...	...	...	...	...	...	...	32.4
2.11	21.2	44.5	...	...	550	97.8	412	83.5	...	...	...	...	...	...	...	...
2.12	19.0	40.0	...	...	548	87.5	411	73.4	...	...	...	...	...	...	...	...
2.15	24.8	53.0	...	...	...	...	405	98.5	...	...	...	...	...	...	...	...
2.16	14.0	30.0	810	71.1	537	58.7	403	47.9	...	...	...	...	26.7	30.4	34.5	39.6
2.23	16.0	35.5	...	...	519	71.1	389	58.5	...	...	...	...	...	...	...	33.1
2.24	18.0	40.0	...	...	519	82.3	389	68.6	...	...	...	...	...	...	...	...
	20.0	44.5	...	...	518	92.4	389	78.1	...	...	...	...	...	...	...	...
2.29	13.2	30.0	763	65.6	506	53.6	380	43.6	...	...	...	...	27.3	30.9	35.1	40.2
2.36	19.0	44.5	...	...	492	87.6	369	73.4	...	...	...	...	...	...	...	...
2.37	17.0	40.9	...	...	490	76.9	367	63.6	...	...	...	...	...	...	...	...
ARC-LENGTH CORRECTION FACTOR →									.80	.80	.81	.81	.82	.83	.85	.87

NOTE: Arc & Length Factors are approximate values
Refer to Selection Procedure for more precise values

NOTE: Selection program VIA-VISA available at www.ptwizzard.com.



8V

D-V Wedge &
POLYBAND Belts

STOCK DRIVE SELECTIONS

Speed Ratio	Belt Number and Approx. Center Distance																					
	8VX	8VX	8VX	8VX	8VX	8V	8V	8V	8V	8V	8V	8V	8V	8V	8V	8V	8V	8V	8V	8V	8V	8V
	160	1700	1800	1900	2000	2120	2240	2360	2500	2650	2800	3000	3150	3350	3550	3750	4000	4250	4500	4750	5000	5600
1.36	54.0	59.0	64.0	69.0	74.1	80.1	86.1	92.1	99	107	114	124	132	142	152	162	174	187	199	212	224	254
1.37	56.8	61.8	66.8	71.8	76.8	82.8	88.8	94.8	102	109	117	127	134	144	154	164	177	189	202	214	227	257
	55.5	60.5	65.5	70.5	75.5	81.5	87.5	93.5	101	108	115	125	133	143	153	163	175	186	200	213	225	255
1.38	46.3	51.3	56.3	61.3	66.3	72.3	78.3	84.3	91	99	106	116	124	134	144	154	166	179	191	204	216	246
1.41	49.8	54.8	59.8	64.8	69.8	75.8	81.8	87.8	95	102	110	120	127	137	147	157	170	182	195	207	220	250
1.42	51.5	56.5	61.5	66.5	71.5	77.5	83.5	89.5	97	104	111	121	129	139	149	159	172	184	197	209	222	252
	39.6	44.6	49.6	54.6	59.6	65.7	71.7	77.7	85	92	100	110	117	127	137	147	160	172	185	197	210	240
1.43	53.2	58.2	63.2	68.2	73.2	79.3	85.3	91.3	98	106	113	123	131	141	151	161	173	186	198	211	223	253
	...	37.3	42.3	47.3	52.4	58.4	64.4	70.4	77	85	92	102	110	120	130	140	152	165	178	190	203	233
1.45	56.0	61.0	66.0	71.0	76.0	82.0	88.0	94.0	101	108	116	126	133	143	153	163	176	188	201	213	226	256
	54.6	59.7	64.7	69.7	74.7	80.7	86.7	92.7	100	107	115	125	132	142	152	162	175	187	200	212	225	255
1.46	47.0	52.0	57.0	62.0	67.1	73.1	79.1	85.1	92	100	107	117	125	135	145	155	167	180	192	205	217	247
1.50	50.5	55.5	60.5	65.5	70.5	76.6	82.6	88.6	96	103	111	121	128	138	148	158	171	183	196	208	221	251
1.51	40.4	45.5	50.5	55.5	60.5	66.6	72.6	78.6	86	93	101	111	118	128	138	148	161	173	186	198	211	241
1.52	53.8	58.8	63.8	68.9	73.9	79.9	85.9	91.9	99	106	114	124	131	141	151	161	174	186	199	211	224	254
	52.2	57.3	62.3	67.3	72.3	78.3	84.3	90.3	97	105	112	122	130	140	150	160	172	185	197	210	222	252
1.53	55.2	60.2	65.2	70.2	75.2	81.2	87.2	93.2	100	108	115	125	133	143	153	163	175	188	200	213	225	255
1.56	47.8	52.8	57.8	62.8	67.8	73.8	79.8	85.8	93	100	108	118	125	135	145	155	168	180	193	205	218	248
1.59	41.1	46.2	51.2	56.2	61.3	67.3	73.3	79.3	86	94	101	111	119	129	139	149	161	174	186	199	211	241
	33.9	39.0	44.0	49.1	54.1	60.2	66.2	72.2	79	87	94	104	111	122	132	142	154	167	179	192	204	234
1.61	54.4	59.4	64.4	69.4	74.4	80.4	86.4	92.4	99	107	114	124	131	142	151	162	174	187	199	212	224	254
	51.3	56.3	61.3	66.3	71.3	77.3	83.3	89.3	96	104	111	121	129	139	149	159	171	184	196	209	221	251
1.62	52.8	57.9	62.9	67.9	72.9	78.9	84.9	90.9	98	105	113	123	130	140	150	160	173	185	198	210	223	253
	...	...	36.4	43.8	48.5	54.6	60.6	66.7	74	81	89	99	106	116	126	136	149	161	174	186	199	229
1.66	48.5	53.5	58.4	63.6	68.6	74.6	80.6	86.6	94	101	109	119	126	136	146	156	169	181	194	206	219	249
	.92	.93	.94	.95	.95	.96	.97	.98	.99	1.00	1.01	1.02	1.03	1.04	1.04	1.05	1.06	1.07	1.08	1.09	1.10	1.11
1.67	41.9	46.9	52.0	57.0	62.0	68.0	74.1	80.1	87	95	102	112	120	130	140	150	162	175	187	200	212	242
1.68	34.7	39.8	44.9	50.0	55.0	61.0	67.1	73.1	80	88	95	105	113	123	133	143	155	168	180	193	205	235
1.71	...	58.4	63.4	68.4	73.4	79.4	85.4	91.4	98	106	113	123	131	141	151	161	173	186	198	211	223	253
	51.8	56.9	61.9	66.9	71.9	77.9	83.9	89.9	97	104	112	122	129	139	149	159	172	184	197	209	222	252
1.77	42.6	47.7	52.7	57.7	62.8	68.8	74.8	80.8	88	95	103	113	120	130	140	150	163	175	188	200	213	243
1.78	49.2	54.3	59.3	64.3	69.3	75.3	81.3	87.4	94	102	109	119	127	137	147	157	169	182	194	207	219	249
	35.6	40.7	45.8	50.8	55.9	61.9	68.0	74.0	81	89	96	106	114	124	134	144	156	169	181	194	206	236
1.79	...	34.9	40.0	45.1	50.2	56.3	62.4	68.4	76	83	91	101	108	118	128	138	151	163	176	188	201	231
1.80	52.4	57.4	62.4	67.4	72.4	78.4	84.4	90.5	97	105	112	122	130	140	150	160	172	185	197	210	225	252
	...	...	...	39.3	44.5	50.6	56.7	62.8	70	77	85	95	103	113	123	133	145	158	170	183	195	225
1.88	36.3	41.4	46.5	51.5	56.6	62.7	68.7	74.7	82	89	97	107	114	124	134	144	157	169	182	194	207	237
1.89	49.8	54.8	59.9	64.9	69.9	75.9	81.9	88.0	95	102	110	120	127	137	147	157	170	183	195	208	220	250
	43.3	48.4	53.4	58.5	63.5	69.5	75.5	81.6	89	96	104	114	121	131	141	151	164	176	189	201	214	244
1.90	...	35.7	40.9	46.0	51.1	57.2	63.2	69.3	76	84	91	101	109	119	129	139	152	164	177	189	202	232
1.98	36.9	42.1	47.2	52.2	57.3	63.4	69.4	75.5	82	90	98	108	115	125	135	145	158	170	183	195	208	238
2.00	50.3	55.4	60.4	65.4	70.4	76.5	82.5	88.5	95	103	111	120	128	138	148	158	171	183	196	208	221	251
	...	...	...	41.0	46.1	52.3	58.4	64.5	72	79	87	97	104	114	124	134	147	160	172	185	197	227
2.01	44.0	49.1	54.1	59.2	64.2	70.3	76.3	82.3	89	97	104	114	122	132	142	152	164	177	189	202	214	244
	...	36.5	41.7	46.8	51.9	58.0	64.1	70.2	77	85	92	102	110	120	130	140	152	165	178	190	203	233
2.10	37.6	42.8	47.9	53.0	58.0	64.1	70.2	76.2	83	91	98	108	116	126	136	146	158	171	183	196	209	237
2.11	...	...	36.5	41.8	47.0	53.1	59.3	65.4	72	80	88	98	105	115	125	135	148	160	173	185	198	228
2.12	...	37.2	42.4	47.5	52.6	58.7	64.8	70.9	78	85	93	103	111	121	131	141	153	166	178	191	203	233
2.15	...	...	...	...	...	42.6	48.9	55.1	62	70	78	88	95	105	115	126	138	151	163	176	188	218
2.16	44.7	44.8	54.9	59.9	64.9	71.0	77.0	83.1	90	98	105	115	123	133	143	153	165	178	190	203	215	245
2.23	38.3	43.5	48.6	53.7	58.7	64.8	70.9	76.9	84	91	99	109	117	127	137	147	159	172	184	197	209	239
2.24	...	37.8	43.0	48.2	53.3	59.4	65.5	71.6	79	86	94	104	111	121	131	141	154	167	179	192	204	234
	...	...	37.3	42.6	47.8	54.0	60.1	66.2	73	81	89	99	106	116	126	136	149	161	174	186	199	229
2.29	45.3	50.4	55.4	60.5	65.5	71.6	77.6	83.6	91	98	106	116	123	133	143	153	166	178	191	203	216	246
2.36	...	...	38.0	43.2	48.4	54.6	60.8	66.9	74	82	89	99	107	117	127	137	150	162	175	187	120	230
2.37	33.2	38.5	43.7	48.9	54.0	60.1	66.2	72.3	79	87	95	105	112	122	132	142	155	167	180	192	205	235
	.89	.90	.91	.92	.93	.94</																

NOTE: Selection program VIA-VISA available at www.ptwizd.com.

SELECTION



8V

D-V Wedge &
POLYBAND Belts

STOCK DRIVE SELECTIONS

Speed Ratio	Stock Sheaves (4, 5, 6, 8, 10, 12 Grooves)		1750 RPM Driver		1160 RPM Driver		870 RPM Driver		Belt Number and Approx. Center Distance							
	Outside Diameter		Driven RPM	HP Per Belt 8V	Driven RPM	HP Per Belt 8V	Driven RPM	HP Per Belt 8V	8VX 1250	8VX 1320	8VX 1400	8VX 1500	8VX 1600	8VX 1700	8VX 1800	8VX 1900
	Driver	Driven														
2.38	22.4	53.0	...	...	...	...	366	88.8	...	...	...	...	...	...	...	...
2.39	15.0	35.5	...	...	486	65.1	365	53.	...	...	...	33.8	39.0	44.1	49.3	54.4
2.42	12.5	30.0	722	60.5	479	48.9	359	39.8	27.7	31.4	35.5	40.7	45.8	50.9	55.9	61.0
2.49	18.0	44.5	...	...	466	82.4	350	68.6	...	...	...	...	...	...	38.6	43.9
2.51	21.2	53.0	...	...	461	97.9	346	83.6	...	...	...	...	...	...	...	...
2.52	16.0	40.0	...	...	461	71.2	345	58.6	...	...	...	...	33.9	39.2	44.4	49.6
2.55	24.8	63.0	...	...	...	...	341	98.6	...	...	...	...	...	...	...	...
2.56	14.0	35.5	684	71.3	453	58.9	340	48.0	...	...	29.1	34.4	39.7	44.8	50.0	55.1
2.64	17.0	44.5	...	...	440	77.0	330	63.7	...	...	...	...	...	...	39.3	44.6
2.67	20.0	53.0	...	...	435	92.5	326	78.2	...	...	...	...	...	...	...	...
2.69	15.0	40.0	...	...	431	65.2	324	53.4	...	...	...	...	34.5	39.8	45.1	50.2
2.72	13.2	35.5	644	65.	427	53.7	320	43.7	...	...	29.7	35.0	40.2	45.4	50.5	55.6
2.80	16.0	44.5	...	...	414	71.	310	58.6	...	...	...	...	...	34.5	39.9	45.2
2.81	19.0	53.0	...	...	413	87.7	310	73.5	...	...	...	...	...	...	...	...
2.83	22.4	63.0	...	...	...	...	308	88.9	...	...	...	...	...	...	...	...
2.87	12.5	35.5	610	60.	404	49.	303	39.8	...	...	30.1	35.4	40.7	45.9	51.0	56.1
2.88	14.0	40.0	607	71.4	402	58.	302	48.1	...	...	...	...	35.2	40.5	45.7	50.9
	24.8	71.0	...	...	...	...	302	98.6	...	...	...	...	...	...	...	...
2.97	18.0	53.0	...	...	391	82.	293	68.7	...	...	...	...	...	...	...	...
2.99	15.0	44.5	...	...	388	65.2	291	53.4	...	...	...	...	...	...	35.2	40.6
ARC-LENGTH CORRECTION FACTOR —>									.80	.81	.82	.83	.86	.87	.88	.90
2.99	21.2	63.0	...	...	388	98.0	291	83.7	...	...	...	...	...	...	...	...
3.06	13.2	40.0	572	65.9	379	53.7	284	43.7	...	...	...	30.2	35.7	41.0	46.3	51.5
3.14	17.0	53.0	...	...	369	77.0	277	63.7	...	...	...	...	...	...	...	...
3.17	20.0	63.0	...	...	366	92.6	274	78.2	...	...	...	...	...	...	...	...
3.19	22.4	71.0	...	...	...	...	273	88.9	...	...	...	...	...	...	...	...
3.21	14.0	44.5	545	71.4	361	58.9	271	48.1	...	...	...	...	...	35.8	41.2	46.6
3.24	12.5	40.0	541	60.7	358	49.0	269	39.9	...	...	...	30.7	36.2	41.5	46.7	51.9
3.34	16.0	53.0	...	...	347	71.3	260	58.7	...	...	...	...	...	...	...	...
	19.0	63.0	...	...	347	87.7	260	73.6	...	...	...	...	...	...	...	...
3.37	21.2	71.0	...	...	344	98.0	258	83.7	...	...	...	...	...	...	...	...
ARC-LENGTH CORRECTION FACTOR —>									...	...	...	.78	.82	.85	.87	.88
3.41	13.2	44.5	514	65.9	340	53.8	255	43.7	...	...	...	...	...	36.3	41.7	47.1
3.53	18.0	63.0	...	...	329	82.6	247	68.7	...	...	...	...	...	...	...	...
3.57	15.0	53.0	...	...	325	65.3	244	53.5	...	...	...	...	...	...	...	...
3.58	20.0	71.0	...	...	324	92.6	243	78.3	...	...	...	...	...	...	...	...
3.60	12.5	44.5	486	60.7	322	49.1	242	39.9	...	...	...	...	...	36.7	42.2	47.5
ARC-LENGTH CORRECTION FACTOR —>									...	...	...	...	...	.81	.84	.88
3.74	17.0	63.0	...	...	310	77.1	233	63.8	...	...	...	...	...	...	...	...
3.77	19.0	71.0	...	...	308	87.8	231	73.6	...	...	...	...	...	...	...	...
3.83	14.0	53.0	457	71.5	303	59.0	227	48.1	...	...	...	...	...	...	...	37.3
3.97	16.0	63.0	...	...	292	71.3	219	58.7	...	...	...	...	...	...	...	...
3.98	18.0	71.0	...	...	292	82.6	219	68.8	...	...	...	...	...	...	...	...
4.06	13.2	53.0	431	66.0	286	53.8	214	43.8	...	...	...	...	...	...	...	...
4.21	17.0	71.0	...	...	275	77.1	206	63.8	...	...	...	...	...	...	...	...
4.24	15.0	63.0	...	...	273	65.1	205	53.5	...	...	...	...	...	...	...	...
4.29	12.5	53.0	408	60.8	270	49.1	203	39.9	...	...	...	...	...	...	...	38.2
4.48	16.0	71.0	...	...	259	71.3	194	58.7	...	...	...	...	...	...	...	...
4.55	14.0	63.0	385	71.5	255	59.0	191	48.1	...	...	...	...	...	...	...	...
4.78	15.0	71.0	...	...	242	65.3	182	53.5	...	...	...	...	...	...	...	...
ARC-LENGTH CORRECTION FACTOR —>									...	...	...	...	...	...	...	.77
4.83	13.2	63.0	362	66.0	240	53.8	180	43.8	...	...	...	...	...	...	...	...
5.11	12.5	63.0	343	60.8	227	49.1	170	39.9	...	...	...	...	...	...	...	...
5.13	14.0	71.0	341	71.5	226	59.0	170	48.1	...	...	...	...	...	...	...	...
5.45	13.2	71.0	321	66.0	213	53.8	160	43.8	...	...	...	...	...	...	...	...
5.76	12.5	71.0	304	60.8	202	49.1	151	39.9	...	...	...	...	...	...	...	...
ARC-LENGTH CORRECTION FACTOR —>									...	...	...	...	...	...	...	...

NOTE: Arc & Length Factors are approximate values
Refer to Selection Procedure for more precise values

NOTE: Selection program VIA-VISA available at www.ptwizard.com.



8V

D-V Wedge &
POLYBAND Belts

STOCK DRIVE SELECTIONS

V-Drives

FHP Drives

Drive Component
Accessories

DYNA-SYNC

HT200/HTD
Synchronous DrivesHT500
Synchronous Drives

Roller Chain Sprockets

Speed Ratio	Belt Number and Approx. Center Distance																	
	8VX 2000	8V 2120	8V 2240	8V 2360	8V 2500	8V 2650	8V 2800	8V 3000	8V 3150	8V 3350	8V 3550	8V 3750	8V 4000	8V 4250	8V 4500	8V 4750	8V 5000	8V 5600
2.38	...	44.1	50.5	56.7	64	72	79	89	97	107	117	127	140	152	165	178	190	220
2.39	59.5	65.5	71.6	77.7	85	92	100	110	117	127	137	147	160	172	185	197	210	240
2.42	66.0	72.1	78.1	84.2	91	99	106	116	124	134	144	154	166	179	191	204	216	246
2.49	49.1	55.3	61.5	67.6	75	82	90	100	108	118	128	138	150	163	175	188	200	230
2.51	...	44.9	51.3	57.5	65	72	80	90	98	108	118	128	141	153	166	178	191	221
2.52	54.7	60.8	66.9	73.0	80	88	95	105	113	123	133	143	156	168	181	193	206	236
2.55	...	...	...	...	53	60	68	79	86	97	107	117	130	142	156	167	180	210
2.56	60.2	66.3	72.3	78.4	85	93	100	111	118	128	138	148	161	173	186	198	211	241
2.64	49.8	56.0	62.2	68.3	75	83	91	101	108	118	128	138	151	164	176	189	201	231
2.67	...	45.7	52.1	58.3	66	73	81	91	99	109	119	129	142	154	167	179	192	222
2.69	55.4	61.5	67.6	73.7	81	88	96	106	114	124	134	144	156	168	181	194	206	236
2.72	60.7	66.8	72.9	79.0	86	94	101	111	119	129	139	149	161	174	186	199	211	241
2.80	50.5	56.7	62.9	69.0	76	84	91	101	109	119	129	139	152	164	177	189	202	232
2.81	39.8	46.3	52.7	59.0	66	74	82	92	99	110	120	130	142	155	168	180	193	223
2.83	...	...	...	46.5	54	62	70	80	88	98	108	119	131	144	157	169	182	212
2.87	61.2	67.3	73.4	79.5	86	94	102	112	119	129	139	149	162	174	187	199	212	242
2.88	56.1	62.2	68.4	74.5	82	89	97	107	114	124	134	144	157	170	182	195	207	237
	...	...	...	...	...	52	60	71	79	89	100	110	123	135	148	161	173	203
2.97	40.5	47.0	53.4	59.7	67	75	82	93	100	110	120	131	143	156	168	181	193	224
2.99	51.1	57.4	63.6	59.7	77	84	92	102	110	120	130	140	153	165	178	190	203	233
	.92	.93	.94	.95	.96	.97	.99	1.00	1.01	1.02	1.03	1.04	1.05	1.06	1.07	1.08	1.09	1.10
2.99	...	...	...	47.2	55	63	71	81	89	99	109	119	132	145	157	170	183	213
3.06	56.6	62.8	68.9	75.0	82	90	97	107	115	125	135	145	158	170	183	195	208	238
3.14	41.4	47.6	54.0	60.3	68	75	83	93	101	111	121	131	144	156	169	182	194	224
3.17	...	...	...	48.0	56	64	72	82	90	100	110	120	133	146	158	171	184	214
3.19	...	...	...	...	...	54	62	73	81	91	101	111	124	137	150	162	175	205
3.21	51.8	58.1	64.2	70.4	78	85	93	103	111	121	131	141	153	166	178	191	203	234
3.24	57.1	63.3	69.4	75.5	83	90	98	108	115	125	136	146	158	171	183	196	208	233
3.34	41.7	48.3	54.7	61.0	68	76	84	94	102	112	122	132	145	157	170	182	195	225
	...	...	...	48.6	56	64	72	83	90	101	111	121	134	146	159	172	184	214
3.37	...	...	...	...	...	54	63	73	81	92	102	112	125	138	150	163	176	206
	.90	.91	.93	.94	.95	.97	.96	.99	1.00	1.01	1.02	1.03	1.04	1.05	1.06	1.07	1.08	1.10
3.41	52.3	58.6	64.8	71.0	78	86	93	104	111	121	131	141	154	166	179	191	204	234
3.53	...	...	...	49.2	57	65	73	83	91	101	112	122	134	147	160	172	185	215
3.57	42.3	48.9	55.3	61.7	69	77	84	95	102	112	123	133	145	158	170	183	196	226
3.58	...	...	...	...	...	55	63	74	82	92	103	113	126	139	151	164	177	207
3.60	52.8	59.1	65.3	71.4	79	86	94	104	112	122	132	142	154	167	179	192	204	235
	.88	.90	.91	.93	.94	.96	.97	.98	.99	1.01	1.02	1.03	1.04	1.05	1.06	1.07	1.08	1.10
3.74	...	...	...	49.9	58	66	74	84	92	102	112	122	135	148	160	173	186	216
3.77	...	...	...	...	...	56	64	75	83	93	104	114	127	139	152	165	177	208
3.83	43.0	49.5	56.0	62.3	70	77	85	95	103	113	123	133	146	159	171	184	196	226
3.97	...	...	43.6	50.5	58	66	74	85	92	103	113	123	135	149	161	174	186	217
3.98	...	...	...	...	...	56	65	75	83	94	104	114	127	140	153	165	178	208
4.06	43.4	50.1	56.5	62.9	70	78	86	96	104	114	124	134	147	159	172	184	197	227
4.21	...	...	...	...	48	57	65	76	84	94	105	115	128	141	153	166	179	209
4.24	...	...	44.2	51.1	59	67	75	85	93	103	114	124	137	149	162	175	187	217
4.29	43.9	50.5	57.0	63.3	71	78	86	96	104	114	124	134	147	160	172	185	197	228
4.48	...	...	...	...	49	58	66	77	85	95	106	116	129	141	154	167	180	210
4.55	...	...	44.8	51.7	59	68	76	86	94	104	114	125	137	150	163	175	188	218
4.78	...	...	...	...	49	58	67	77	85	96	106	117	129	142	155	168	180	211
	.81	.85	.87	.89	.91	.93	.95	.96	.98	.99	1.00	1.01	1.03	1.04	1.05	1.06	1.07	1.09
4.83	...	...	45.3	52.2	60	68	76	87	94	105	115	125	138	151	163	176	188	219
5.11	...	...	45.7	52.6	60	69	76	87	95	105	115	126	138	151	164	176	189	219
5.13	...	...	...	...	50	59	67	78	86	96	107	117	130	143	156	168	181	211
5.45	...	...	...	...	51	59	68	79	86	97	107	118	131	143	156	169	182	2120
5.76	...	...	...	...	51	60	68	79	87	97	108	118	131	144	157	169	182	212
	...	...	.79	.80	.82	.84	.87	.91	.93	.95	.97	.98	1.00	1.02	1.03	1.04	1.05	1.08

NOTE: Selection program VIA-VISA available at www.ptwizd.com.



SELECTION

3VX

BASIC HORSEPOWER RATINGS Δ

Faster Shaft RPM	Rated HP per belt for Small Sheave O.D. of:										
	2.2 3VX	2.65 3VX	2.8 3VX	3.0 3VX	3.15 3VX	3.35 3VX	3.65 3VX	4.12 3VX	4.5 3VX	4.75 3VX	5.0 3VX
575	.55	.83	.92	1.04	1.13	1.25	1.43	1.72	1.94	2.09	2.24
690	.64	.97	1.08	1.22	1.33	1.48	1.69	2.02	2.29	2.47	2.64
725	.66	1.01	1.13	1.28	1.39	1.54	1.77	2.12	2.40	2.58	2.76
870	.77	1.18	1.32	1.50	1.63	1.81	2.08	2.49	2.82	3.04	3.26
950	.83	1.28	1.42	1.62	1.77	1.96	2.25	2.70	3.06	3.29	3.52
1160	.98	1.52	1.69	1.93	2.10	2.34	2.68	3.22	3.65	3.93	4.21
1425	1.16	1.81	2.02	2.31	2.52	2.80	3.22	3.86	4.38	4.72	5.06
1750	1.37	2.15	2.41	2.75	3.01	3.34	3.85	4.63	5.25	5.65	6.06
2850	2.00	3.21	3.61	4.14	4.53	5.05	5.82	6.99	7.92	8.53	9.12
3450	2.30	3.74	4.21	4.82	5.28	5.89	6.78	8.15	9.21	9.90	10.6
100	.12	.18	.19	.22	.23	.26	.29	.35	.39	.42	.45
200	.22	.33	.36	.41	.44	.48	.55	.66	.74	.80	.85
300	.31	.47	.52	.58	.63	.70	.80	.95	1.07	1.16	1.24
400	.40	.60	.67	.75	.82	.91	1.03	1.24	1.40	1.50	1.61
500	.49	.73	.81	.92	1.00	1.11	1.27	1.51	1.84	1.97	2.13
600	.57	.86	.95	1.08	1.18	1.30	1.49	1.78	2.02	2.17	2.33
700	.65	.98	1.09	1.24	1.35	1.49	1.71	2.05	2.32	2.50	2.68
800	.72	1.10	1.23	1.39	1.52	1.68	1.93	2.31	2.62	2.82	3.02
900	.80	1.22	1.36	1.54	1.68	1.87	2.14	2.57	2.91	3.13	3.36
1000	.87	1.34	1.49	1.69	1.85	2.05	2.35	2.82	3.20	3.45	3.69
1100	.94	1.45	1.62	1.84	2.01	2.23	2.56	3.07	3.48	3.75	4.02
1200	1.01	1.56	1.74	1.99	2.17	2.41	2.76	3.32	3.76	4.05	4.34
1300	1.08	1.67	1.87	2.13	2.32	2.58	2.97	3.56	4.04	4.35	4.66
1400	1.14	1.78	1.99	2.27	2.48	2.75	3.17	3.80	4.32	4.65	4.98
1500	1.21	1.89	2.11	2.41	2.63	2.93	3.36	4.04	4.59	4.94	5.29
1600	1.27	1.99	2.23	2.55	2.78	3.09	3.56	4.28	4.85	5.23	5.60
1700	1.34	2.10	2.35	2.68	2.93	3.26	3.75	4.51	5.12	5.51	5.90
1800	1.40	2.20	2.47	2.82	3.08	3.43	3.94	4.74	5.38	5.79	6.21
1900	1.46	2.30	2.58	2.95	3.22	3.59	4.13	4.97	5.64	6.07	6.50
2000	1.52	2.40	2.70	3.08	3.37	3.75	4.32	5.19	5.89	6.34	6.79
2100	1.58	2.50	2.81	3.21	3.51	3.91	4.50	5.41	6.14	6.61	7.08
2200	1.64	2.60	2.92	3.34	3.65	4.07	4.68	5.63	6.39	6.88	7.37
2300	1.70	2.70	3.03	3.47	3.79	4.22	4.86	5.85	6.63	7.14	7.65
2400	1.75	2.80	3.14	3.59	3.93	4.38	5.04	6.06	6.88	7.40	7.92
2500	1.81	2.89	3.25	3.72	4.07	4.53	5.22	6.28	7.12	7.66	8.20
2600	1.87	2.98	3.35	3.84	4.20	4.68	5.39	6.48	7.35	7.91	8.47
2700	1.92	3.08	3.46	3.96	4.33	4.83	5.56	6.69	7.58	8.16	8.73
2800	1.97	3.17	3.56	4.08	4.47	4.98	5.73	6.89	7.81	8.40	8.99
2900	2.03	3.26	3.66	4.20	4.60	5.12	5.90	7.09	8.04	8.65	9.25
3000	2.08	3.35	3.76	4.31	4.72	5.26	6.06	7.29	8.26	8.88	9.50
3200	2.18	3.52	3.96	4.54	4.98	5.55	6.39	7.68	8.69	9.34	9.99
3400	2.28	3.69	4.16	4.77	5.22	5.82	6.71	8.05	9.11	9.79	10.5
3600	2.37	3.86	4.35	4.99	5.46	6.09	7.01	8.42	9.52	10.2	10.9
3800	2.47	4.02	4.53	5.20	5.70	6.35	7.31	8.77	9.91	10.6	11.3
4000	2.56	4.18	4.71	5.41	5.92	6.60	7.60	9.11	10.3	11.0	11.7
4200	2.64	4.33	4.89	5.61	6.15	6.85	7.88	9.44	10.6	11.4	12.1
4400	2.73	4.48	5.06	5.81	6.36	7.09	8.15	9.75	11.0	11.7	12.5
4600	2.81	4.63	5.22	6.00	6.57	7.32	8.41	10.0	11.3	12.1	12.8
4800	2.89	4.77	5.38	6.18	6.77	7.54	8.66	10.3	11.6	12.4	13.2
5000	2.96	4.90	5.53	6.36	6.96	7.75	8.90	10.6	11.9	12.7	13.5
5200	3.03	5.04	5.68	6.53	7.15	7.96	9.13	10.9	12.2	13.0	13.7
5400	3.10	5.16	5.83	6.69	7.33	8.15	9.35	11.1	12.4	13.2	14.0
5600	3.17	5.28	5.96	6.85	7.50	8.34	9.56	11.3	12.7	13.5	14.2
5800	3.23	5.40	6.10	7.00	7.66	8.52	9.76	11.5	12.9	13.7	14.4
6000	3.29	5.51	6.22	7.15	7.82	8.69	9.94	11.7	13.1	13.8	14.6
6200	3.35	5.62	6.34	7.28	7.97	8.85	10.1	11.9	13.2	14.0	14.7
6400	3.40	5.72	6.46	7.41	8.11	9.00	10.3	12.1	13.4	14.1	14.8
6600	3.45	5.82	6.57	7.54	8.24	9.14	10.4	12.2	13.5	14.2	14.9
6800	3.50	5.91	6.67	7.65	8.36	9.27	10.5	12.4	13.6	14.3	14.9
7000	3.54	5.99	6.77	7.76	8.48	9.40	10.7	12.5	13.7	14.4	15.5

Shaded areas indicate rim speeds exceeding 6500 FPM which may require special sheaves.

TOTAL RATING = rated HP + "additional HP" listed on opposite page.

Δ Subject to Arc and Length Corrections Factors on page PT7-47.

NOTE: Selection program VIA-VISA available at www.ptwizard.com.



3VX

BASIC HORSEPOWER RATINGS Δ

Faster Shaft RPM	Rated HP per Belt for Small Sheave O.D. of:							Additional HP per Belt for Speed Ratio of ‡								
	5.3	5.6	6.0	6.5	6.9	8.0	10.6	1.02 to 1.05	1.06 to 1.11	1.12 to 1.18	1.19 to 1.26	1.27 to 1.38	1.39 to 1.57	1.58 to 1.94	1.95 to 3.38	3.39 and up
575	2.41	2.59	2.82	3.11	3.34	3.97	5.42	.01	.02	.04	.06	.07	.09	.10	.11	.11
690	2.85	3.06	3.33	3.67	3.95	4.69	6.39	.01	.03	.05	.07	.09	.10	.11	.12	.13
725	2.98	3.20	3.49	3.84	4.13	4.90	6.69	.01	.03	.05	.07	.09	.11	.12	.13	.14
870	3.51	3.77	4.11	4.53	4.87	5.78	7.87	.01	.03	.06	.09	.11	.13	.14	.16	.17
950	3.80	4.08	4.45	4.91	5.27	6.25	8.51	.01	.04	.07	.10	.12	.14	.16	.17	.18
1160	4.55	4.88	5.32	5.87	6.30	7.47	10.1	.02	.05	.09	.12	.14	.17	.19	.21	.22
1425	5.46	5.86	6.38	7.03	7.55	8.94	12.0	.02	.06	.11	.15	.18	.21	.24	.26	.28
1750	6.53	7.01	7.63	8.40	9.01	10.6	14.2	.03	.07	.13	.18	.22	.25	.29	.31	.33
2850	9.82	10.5	11.4	12.5	13.3	15.5	19.6	.04	.12	.22	.30	.36	.42	.48	.52	.55
3450	11.4	12.1	13.1	14.3	15.2	17.3	20.8	.05	.15	.27	.36	.44	.51	.58	.63	.67
100	.48	.52	.56	.62	.67	.79	1.08	.00	.00	.01	.01	.01	.01	.02	.02	.02
200	.92	.98	1.07	1.18	1.27	1.50	2.05	.00	.01	.01	.01	.02	.03	.03	.03	.03
300	1.33	1.43	1.56	1.71	1.84	2.18	2.99	.00	.01	.02	.03	.03	.04	.05	.05	.05
400	1.73	1.86	2.03	2.23	2.40	2.85	3.89	.01	.02	.03	.04	.05	.06	.06	.07	.08
500	2.13	2.28	2.48	2.74	2.94	3.49	4.77	.01	.02	.03	.05	.06	.07	.08	.09	.10
600	2.51	2.69	2.93	3.23	3.47	4.13	5.63	.01	.02	.04	.06	.08	.09	.10	.11	.11
700	2.89	3.10	3.38	3.72	4.00	4.75	6.48	.01	.03	.05	.07	.09	.10	.12	.12	.13
800	3.26	3.50	3.81	4.20	4.51	5.36	7.30	.01	.03	.06	.08	.10	.12	.13	.14	.15
900	3.62	3.89	4.24	4.67	5.02	5.96	8.11	.01	.04	.07	.09	.11	.13	.15	.16	.17
1000	3.98	4.27	4.66	5.14	5.52	6.55	8.90	.01	.04	.08	.10	.12	.15	.17	.18	.19
1100	4.34	4.65	5.07	5.59	6.01	7.13	9.68	.02	.04	.08	.11	.14	.16	.19	.20	.21
1200	4.69	5.03	5.48	6.04	6.49	7.69	10.4	.02	.05	.09	.12	.15	.18	.20	.22	.23
1300	5.03	5.40	5.89	6.49	6.97	8.25	11.2	.02	.05	.10	.13	.16	.19	.22	.23	.25
1400	5.37	5.77	6.29	6.93	7.43	8.80	11.9	.02	.06	.11	.14	.18	.21	.23	.26	.27
1500	5.71	6.13	6.68	7.36	7.89	9.34	12.6	.02	.06	.11	.16	.19	.22	.25	.28	.29
1600	6.04	6.48	7.06	7.78	8.35	9.87	13.3	.02	.07	.12	.17	.20	.24	.27	.29	.31
1700	6.37	6.83	7.45	8.20	8.79	10.4	14.0	.02	.07	.13	.18	.21	.25	.29	.31	.33
1800	6.70	7.18	7.82	8.61	9.23	10.9	14.5	.03	.08	.13	.19	.23	.27	.30	.33	.34
1900	7.01	7.52	8.19	9.01	9.66	11.4	15.1	.03	.08	.14	.20	.25	.28	.32	.35	.37
2000	7.33	7.86	8.55	9.41	10.1	11.9	15.7	.03	.09	.15	.21	.25	.30	.33	.37	.39
2100	7.64	8.19	8.91	9.80	10.5	12.3	16.3	.03	.09	.16	.22	.27	.31	.35	.38	.40
2200	7.94	8.51	9.26	10.2	11.0	12.8	16.8	.03	.10	.17	.23	.28	.33	.37	.40	.43
2300	8.25	8.84	9.61	10.5	11.3	13.2	17.3	.03	.10	.18	.24	.29	.34	.39	.42	.45
2400	8.54	9.15	9.95	10.9	11.7	13.7	17.8	.03	.11	.19	.25	.30	.36	.40	.44	.47
2500	8.83	9.46	10.3	11.3	12.1	14.1	18.2	.04	.11	.19	.26	.32	.37	.42	.46	.48
2600	9.12	9.77	10.6	11.6	12.4	14.5	18.6	.04	.11	.20	.27	.33	.39	.44	.48	.50
2700	9.40	10.1	10.9	12.0	12.8	14.9	19.0	.04	.12	.21	.29	.35	.40	.46	.49	.52
2800	9.68	10.4	11.2	12.3	13.1	15.3	19.4	.04	.13	.21	.29	.36	.42	.47	.51	.54
2900	9.95	10.6	11.6	12.6	13.5	15.6	19.7	.04	.13	.22	.30	.37	.43	.49	.53	.56
3000	10.2	10.9	11.8	13.0	13.8	16.0	20.0	.04	.13	.23	.31	.38	.45	.50	.55	.58
3200	10.7	11.5	12.4	13.6	14.4	16.6	20.5	.05	.14	.24	.33	.40	.48	.54	.58	.62
3400	11.2	12.0	13.0	14.1	15.0	17.2	20.8	.05	.15	.26	.36	.43	.50	.57	.62	.66
3600	11.7	12.5	13.5	14.7	15.6	17.7	21.0	.06	.16	.28	.38	.46	.54	.61	.66	.69
3800	12.2	12.9	14.0	15.2	16.1	18.2	...	.06	.17	.29	.40	.48	.57	.64	.69	.74
4000	12.6	13.4	14.4	15.6	16.5	18.5	...	.06	.18	.31	.42	.51	.59	.67	.73	.77
4200	13.0	13.8	14.8	16.0	16.9	18.8	...	.07	.19	.32	.44	.54	.63	.71	.77	.82
4400	13.4	14.2	15.2	16.4	17.2	19.0	...	.07	.21	.34	.46	.56	.66	.74	.81	.85
4600	13.7	14.5	15.6	16.7	17.5	19.1	...	.07	.21	.36	.47	.58	.68	.77	.84	.89
4800	14.1	14.8	15.8	17.0	17.7	19.2	...	.08	.21	.37	.50	.61	.72	.81	.88	.93
5000	14.3	15.1	16.1	17.2	17.9	...	...	.08	.22	.39	.53	.64	.75	.83	.92	.97
5200	14.6	15.4	16.3	17.4	18.0	...	...	.08	.23	.40	.55	.66	.77	.87	.95	1.01
5400	14.8	15.6	16.5	17.4	18.0	...	...	.09	.24	.41	.57	.69	.81	.91	.99	1.05
5600	15.1	15.8	16.7	17.5	...	...	...	.09	.25	.44	.61	.73	.85	.94	1.05	1.11
5800	15.2	15.9	16.7	17.5	...	...	...	.09	.26	.45	.61	.74	.86	.97	1.06	1.13
6000	15.4	16.0	16.8	...	...	...	...	.10	.27	.47	.64	.78	.91	1.03	1.12	1.19
6200	15.5	16.1	16.8	...	...	...	...	.10	.28	.47	.66	.81	.94	1.06	1.16	1.21
6400	15.5	16.1	16.7	...	...	...	...	.10	.28	.49	.67	.81	.94	1.08	1.17	1.24
6600	15.6	16.1	...	...	...	...	...	.11	.29	.51	.69	.84	.99	1.11	1.18	1.29
6800	15.6	16.0	...	...	...	...	...	.11	.30	.52	.72	.87	1.01	1.14	1.25	1.29
7000	15.5	...	...	...	...	...	...	.11	.31	.52	.74	.89	1.04	1.18	1.29	1.36

Shaded areas indicate rim speeds exceeding 6500 FPM which may require higher strength sheaves.

TOTAL RATING = rated HP + "additional HP" from right hand column.

‡ Additional HP below 1.02 ratio equals zero.

Δ Subject to Arc and Length Corrections Factors on page PT7-47.

NOTE: Selection program VIA-VISA available at www.ptwizd.com.



SELECTION

5VX

5V

BASIC HORSEPOWER RATINGS Δ

Faster Shaft RPM	Rated HP per Belt for Small Sheave O.D. of:																					
	4.4	4.65	4.9	5.5	6.3	6.7	7.1		7.5		8.0		8.5		9.0		9.25		9.75		10.3	
	5VX						5VX	5V	5VX	5V	5VX	5V	5VX	5V	5VX	5V	5VX	5V	5VX	5V	5VX	5V
435	2.57	2.90	3.22	3.99	5.01	5.52	6.03	4.99	6.53	5.48	7.16	6.10	7.78	6.72	8.40	7.33	8.71	7.64	9.32	8.25	10.0	8.91
485	2.82	3.18	3.54	4.40	5.53	6.09	6.65	5.48	7.20	6.03	7.90	6.71	8.58	7.39	9.27	8.07	9.61	8.41	10.3	9.08	11.0	9.81
585	3.27	3.69	4.11	5.11	6.43	7.09	7.87	6.44	8.53	7.09	9.35	7.91	10.2	8.71	11.0	9.51	11.4	9.91	12.2	10.7	13.1	11.6
690	3.82	4.32	4.81	6.00	7.57	8.34	9.12	7.42	9.88	8.17	10.8	9.12	11.8	10.0	12.7	11.0	13.2	11.4	14.1	12.4	15.2	13.4
725	3.98	4.50	5.02	6.27	7.90	8.72	9.53	7.74	10.3	8.53	11.3	9.51	12.3	10.5	13.3	11.4	13.8	11.9	14.8	12.9	15.8	13.9
870	4.64	5.26	5.88	7.35	9.28	10.24	11.2	9.02	12.1	9.95	13.3	11.1	14.5	12.2	15.7	13.4	16.2	13.9	17.4	15.1	18.6	16.3
950	5.00	5.67	6.34	7.93	10.03	11.07	12.1	9.70	13.1	10.7	14.4	11.9	15.6	13.2	16.9	14.4	17.6	15.0	18.8	16.2	20.1	17.5
1160	5.90	6.71	7.51	9.42	11.93	13.17	14.4	11.4	15.6	12.6	17.1	14.1	18.6	15.5	20.1	16.9	20.9	17.7	22.3	19.0	23.9	20.6
1425	6.98	7.95	8.92	11.21	14.23	15.71	17.2	13.4	18.6	14.8	20.4	16.5	22.2	18.2	24.0	19.9	24.9	20.7	26.6	22.3	28.5	24.1
1750	8.23	9.40	10.55	13.30	16.89	18.66	20.4	15.6	22.1	17.2	24.3	19.2	26.3	21.1	28.4	23.0	29.4	23.9	31.4	25.8	33.6	27.7
2850	11.86	13.62	15.35	19.42	24.64	27.15	29.6	20.5	32.0	22.5	34.8	24.9	37.6	27.0	40.2	29.0	41.5	29.9	43.9	31.6	46.5	33.2
3450	13.45	15.47	17.46	22.09	27.93	30.69	33.3	21.3	35.9	23.2	38.9	25.3	41.7	27.1	44.3	28.6	45.5	29.2	47.7	30.1	49.9	30.7
100	0.71	0.79	0.87	1.07	1.33	1.45	1.58	1.36	1.71	1.48	1.87	1.64	2.02	1.80	2.18	1.96	2.26	2.04	2.42	2.19	2.59	2.36
200	1.31	1.47	1.62	2.00	2.49	2.73	2.98	2.52	3.2	2.76	3.53	3.06	3.83	3.36	4.13	3.66	4.28	3.81	4.58	4.11	4.91	4.44
300	1.86	2.09	2.32	2.87	3.59	3.95	4.31	3.60	4.6	3.96	5.11	4.40	5.55	4.83	5.99	5.27	6.21	5.49	6.64	5.92	7.12	6.39
400	2.39	2.69	2.99	3.71	4.65	5.12	5.59	4.63	6.0	5.10	6.63	5.67	7.21	6.24	7.78	6.81	8.07	7.09	8.64	7.65	9.26	8.27
500	2.90	3.27	3.64	4.52	5.68	6.26	6.83	5.63	7.4	6.19	8.12	6.90	8.82	7.59	9.53	8.29	9.88	8.64	10.6	9.33	11.3	10.1
600	3.39	3.83	4.26	5.31	6.68	7.37	8.05	6.58	8.7	7.25	9.56	8.08	10.4	8.91	11.2	9.72	11.6	10.1	12.5	10.9	13.4	11.8
700	3.86	4.37	4.87	6.08	7.66	8.45	9.23	7.51	10.0	8.28	11.0	9.23	11.9	10.2	12.9	11.1	13.4	11.6	14.3	12.5	15.4	13.5
800	4.33	4.90	5.47	6.83	8.62	9.51	10.4	8.41	11.3	9.27	12.4	10.3	13.4	11.4	14.5	12.5	15.1	13.0	16.1	14.0	17.3	15.2
900	4.78	5.41	6.05	7.57	9.56	10.55	11.5	9.28	12.5	10.2	13.7	11.4	14.9	12.6	16.1	13.8	16.7	14.3	17.9	15.5	19.2	16.7
1000	5.22	5.92	6.62	8.29	10.49	11.57	12.7	10.1	13.7	11.2	15.1	12.5	16.4	13.7	17.7	15.0	18.4	15.6	19.6	16.9	21.1	18.3
1100	5.65	6.41	7.18	9.00	11.39	12.58	13.7	10.9	14.9	12.1	16.4	13.5	17.8	14.9	19.2	16.2	19.9	16.9	21.3	18.3	22.9	19.7
1200	3.07	6.90	7.72	9.69	12.28	13.56	14.8	11.7	16.1	12.9	17.6	14.5	1.92	15.9	20.7	17.4	21.5	18.1	23.0	19.6	24.6	21.1
1300	6.48	7.37	8.26	10.36	13.16	14.53	15.9	12.5	17.2	13.8	18.9	15.4	20.6	17.0	22.2	18.5	23.0	19.3	24.6	20.8	26.4	22.5
1400	6.88	7.84	8.79	11.05	14.01	15.48	16.9	1.32	18.4	14.6	20.1	16.3	21.9	18.0	23.6	19.6	24.5	20.4	26.2	22.0	28.1	23.8
1500	7.28	8.29	9.30	11.71	14.86	16.41	17.9	13.9	19.5	15.4	21.3	17.2	23.2	18.9	25.1	20.7	25.9	21.5	27.7	23.2	29.7	25.0
1600	7.66	8.74	9.81	12.35	15.68	17.32	18.9	14.6	20.5	1.62	22.5	18.0	24.5	19.8	26.4	21.6	27.4	22.5	29.3	24.3	31.3	26.1
1700	8.04	9.18	10.31	12.99	16.50	18.22	19.9	15.3	21.6	16.9	23.7	18.8	25.7	20.7	27.7	22.6	28.7	23.5	30.7	25.3	32.8	27.2
1800	8.42	9.61	10.80	13.61	17.29	19.10	20.8	15.9	22.6	17.6	24.8	19.6	26.9	21.5	29.1	23.5	30.1	24.4	32.1	26.2	34.3	28.2
1900	8.78	10.03	11.28	14.22	18.07	19.96	21.8	16.5	23.6	1.82	25.9	20.3	28.1	22.3	30.3	24.3	31.4	25.3	33.5	27.1	35.8	29.1
2000	9.14	10.45	11.74	14.82	18.33	20.80	22.7	17.1	24.6	1.88	27.0	21.0	29.3	23.1	31.5	25.1	32.6	26.0	34.8	27.9	37.2	29.9
2100	9.48	10.85	12.20	15.41	19.58	21.62	23.6	17.6	25.6	1.94	28.0	21.6	30.4	23.7	32.7	25.8	33.9	26.8	36.1	28.7	38.5	30.7
2200	9.83	11.25	12.66	15.99	20.31	22.43	24.5	18.1	26.5	2.00	29.0	22.2	31.5	24.4	33.9	26.4	35.0	27.4	37.3	29.3	39.7	31.3
2300	10.16	11.64	13.10	16.55	21.03	23.21	25.3	18.6	27.5	2.05	30.0	22.8	32.5	24.9	35.0	27.0	36.2	28.0	36.5	29.9	30.9	31.9
2400	10.49	12.01	13.53	17.10	21.72	23.97	26.2	19.0	28.3	2.09	31.0	23.3	33.5	25.5	36.0	27.5	37.2	28.5	39.6	30.4	42.1	32.4
2500	10.81	12.39	13.95	17.64	22.40	24.72	27.0	19.4	29.2	2.14	31.9	23.7	34.5	25.9	37.0	28.0	38.3	29.0	40.7	30.9	43.2	32.7
2600	11.12	12.75	14.36	18.16	23.06	25.44	27.7	19.8	30.0	2.17	32.8	24.1	35.5	26.3	38.0	28.4	39.3	29.4	41.7	31.2	44.2	33.0
2700	11.42	13.10	14.77	18.68	23.71	26.14	28.5	20.1	30.8	2.21	33.6	24.5	36.4	26.7	39.0	28.7	40.2	29.7	42.6	31.4	45.2	33.2
2800	11.72	13.45	15.16	19.18	24.33	26.82	29.2	20.4	31.6	2.24	34.5	24.8	37.2	26.9	39.8	28.9	41.1	29.9	43.5	31.6	46.1	33.3
2900	12.00	13.78	15.54	19.66	24.94	27.48	29.9	20.6	32.3	2.26	35.2	25.0	38.0	27.2	40.6	29.1	41.9	30.0	44.4	31.6	46.9	33.2
3000	12.28	14.11	15.91	20.14	25.53	28.12	30.6	20.8	33.1	2.28	36.0	25.2	38.8	27.3	41.4	29.2	42.7	30.1	45.1	31.6	47.6	33.0
3100	12.56	14.43	16.28	20.60	26.10	28.73	31.3	21.0	33.7	2.30	36.7	25.3	39.5	27.4	42.1	29.2	43.4	30.0	45.8	31.5	48.3	32.7
3200	12.82	14.74	16.63	21.04	26.65	29.32	31.9	21.1	34.4	2.31	37.3	25.4	40.2	27.4	42.8	29.1	41.1	29.9	46.5	31.2	48.8	32.3
3300	13.08	15.04	16.97	21.47	27.17	29.88	32.5	21.2	35.0	2.32	38.0	25.4	40.8	27.3	43.4	29.0	44.7	29.7	47.1	30.9	49.4	31.8
3400	13.33	15.33	17.30	21.89	27.68	30.43	33.1	21.3	35.6	2.32	38.6	25.3	41.4	27.2	44.1	28.7	45.2	29.4	47.5	30.4	49.8	31.1
3500	13.57	15.61	17.62	22.29	28.17	30.94	33.6	21.3	36.1	2.32	39.1	25.2	41.9	27.0	44.5	28.4	45.7	28.9	47.9	29.8	50.1	30.3
3600	13.80	15.88	17.93	22.68	28.63	31.43	34.1	21.2	36.6	2.31	39.6	25.1	42.4	26.7	45.0	27.9	46.1	28.4	48.3	29.1	50.4	29.4
3700	14.02	16.14	18.23	23.05	29.07	31.90	34.6	21.1	37.1	2.30	40.1	24.8	42.8									



5VX

5V

BASIC HORSEPOWER RATINGS Δ

Faster Shaft RPM	Rated HP per Belt for Small Sheave O.D. of:														Additional HP per Belt for Speed Ratio of: ‡								
	10.9		11.8		12.5		13.2		14.0		15.0		16.0		1.02 to 1.05	1.06 to 1.11	1.12 to 1.18	1.19 to 1.26	1.27 to 1.38	1.39 to 1.57	1.58 to 1.94	1.95 to 3.38	3.39 and up
	5VX	5V	5VX	5V	5VX	5V	5VX	5V	5VX	5V	5VX	5V	5VX	5V									
435	10.7	9.64	11.8	10.7	12.7	11.5	13.5	12.4	14.5	13.3	15.6	14.5	16.8	15.6	.03	.10	.17	.24	.29	.34	.38	.41	.44
485	11.8	10.6	13.1	11.8	14.0	12.7	14.9	13.6	16.0	14.6	17.3	15.9	18.6	17.2	.04	.11	.19	.26	.32	.38	.43	.46	.49
585	14.0	12.5	15.5	13.9	16.6	15.0	17.7	16.1	18.9	17.3	20.4	18.8	22.0	20.2	.05	.13	.24	.31	.39	.46	.51	.56	.59
690	16.3	14.4	17.9	16.0	19.2	17.3	20.5	18.5	21.9	19.9	23.7	21.6	25.4	23.3	.06	.16	.27	.38	.46	.54	.61	.66	.70
725	17.0	15.1	18.8	16.7	20.1	18.0	21.4	19.3	22.9	20.7	24.7	22.5	26.6	24.3	.06	.17	.29	.40	.48	.56	.63	.69	.72
870	20.0	17.6	22.0	19.5	23.6	21.0	25.1	22.5	26.9	24.1	29.0	26.2	31.1	28.1	.07	.20	.35	.46	.58	.67	.77	.83	.88
950	21.6	18.9	23.8	21.0	25.5	22.6	27.1	24.2	28.9	25.9	31.3	28.0	33.5	30.1	.08	.22	.38	.52	.63	.74	.83	.91	.96
1160	25.7	22.2	28.2	24.6	30.2	26.4	32.1	28.2	34.3	30.2	36.9	32.5	39.5	34.8	.10	.26	.47	.63	.77	.90	1.02	1.11	1.17
1425	30.5	25.9	33.5	28.6	35.7	30.6	37.9	32.6	40.4	34.7	43.4	37.2	46.2	39.5	.12	.33	.57	.78	.95	1.11	1.24	1.35	1.45
1750	35.9	29.7	39.3	32.6	41.8	34.7	44.2	36.7	46.9	38.7	50.1	41.1	53.0	43.1	.15	.40	.70	.96	1.17	1.37	1.50	1.68	1.77
2850	49.0	34.7	52.5	36.2	54.8	6.9	56.8	37.0	...	...	...	...	...	...	.24	.66	1.15	1.56	1.80	2.22	2.50	2.73	2.89
3450	52.0	30.9	...	...	...	...	...	...	...	...	...	...	...	...	.29	.80	1.39	1.90	2.20	2.69	3.03	3.30	3.50
100	2.77	2.55	3.05	2.83	3.27	3.04	3.48	3.26	3.73	3.50	4.03	3.80	4.33	4.11	.01	.02	.04	.05	.07	.08	.09	.09	.10
200	5.26	4.79	5.80	5.32	6.21	5.73	6.62	6.14	7.09	6.60	7.67	7.18	8.25	7.75	.01	.04	.08	.11	.13	.16	.17	.19	.20
300	7.64	6.91	8.42	7.68	9.02	8.27	9.62	8.86	10.3	9.54	11.1	10.37	12.0	11.2	.02	.07	.12	.16	.20	.23	.26	.29	.30
400	9.94	8.94	10.9	9.94	11.7	10.7	12.5	11.5	13.4	12.3	14.5	13.4	15.6	14.5	.03	.09	.16	.22	.26	.31	.35	.38	.40
500	12.2	10.9	13.4	12.1	14.4	13.0	15.3	14.0	16.4	15.0	17.7	16.3	19.1	17.7	.04	.11	.20	.27	.33	.39	.44	.46	.50
600	14.3	12.8	15.8	14.2	16.9	15.3	18.1	16.4	19.3	17.6	20.9	19.2	22.5	20.7	.05	.14	.24	.33	.40	.47	.53	.57	.61
700	16.5	14.6	18.2	16.2	19.5	17.5	20.7	18.7	22.2	20.1	24.0	21.8	25.8	23.6	.06	.16	.28	.38	.47	.55	.62	.67	.71
800	18.6	16.4	20.5	18.2	21.9	19.6	23.3	21.0	24.9	22.5	27.0	24.4	28.9	26.1	.07	.18	.32	.44	.53	.62	.70	.77	.81
900	20.6	18.1	22.7	20.1	24.3	21.6	25.9	23.1	27.7	24.8	29.9	26.9	32.0	28.9	.08	.21	.36	.49	.60	.70	.79	.86	.91
1000	22.6	19.7	24.9	21.9	26.6	23.5	28.3	25.2	30.3	27.0	32.7	29.2	35.0	31.3	.08	.23	.39	.55	.66	.78	.87	.95	1.01
1100	24.5	21.3	27.0	23.6	28.9	25.3	30.7	27.1	32.8	29.0	35.4	31.3	37.8	33.6	.09	.25	.44	.60	.73	.86	.96	1.05	1.11
1200	26.4	22.8	29.0	25.3	31.1	27.1	33.0	28.9	35.2	30.9	37.9	33.3	40.6	35.6	.10	.27	.48	.66	.80	.93	1.05	1.15	1.22
1300	28.3	24.2	31.1	26.8	33.2	28.7	35.3	30.6	37.6	32.7	40.4	35.2	43.2	37.5	.11	.30	.52	.71	.86	1.01	1.14	1.24	1.32
1400	30.1	25.6	33.0	28.3	35.2	30.3	37.4	32.2	39.8	34.3	42.8	36.8	45.6	39.2	.11	.32	.56	.77	.93	1.09	1.23	1.34	1.42
1500	31.8	26.9	34.9	29.6	37.2	31.7	39.5	33.6	42.0	35.8	45.0	38.3	47.9	40.6	.12	.34	.61	.82	1.00	1.18	1.32	1.44	1.52
1600	33.5	28.1	36.7	30.9	39.1	33.0	41.4	34.9	44.0	37.1	47.1	39.6	50.1	41.8	.13	.37	.64	.88	1.07	1.25	1.40	1.53	1.62
1700	35.1	29.2	38.4	32.1	40.9	34.1	43.3	36.1	46.0	38.2	49.1	40.6	52.1	42.7	.14	.39	.69	.93	1.13	1.32	1.49	1.61	1.72
1800	36.7	30.2	40.1	33.1	42.6	35.2	45.1	37.2	47.8	39.2	51.0	41.5	53.9	43.4	.15	.41	.72	.99	1.20	1.40	1.58	1.72	1.83
1900	38.2	31.2	41.7	34.0	44.3	36.1	46.8	38.0	49.5	40.0	52.7	42.1	55.6	43.9	.16	.44	.77	1.04	1.26	1.48	1.67	1.82	1.93
2000	39.6	32.0	43.2	34.8	45.8	36.9	48.3	38.7	51.1	40.6	54.2	42.5	57.1	44.0	.17	.46	.80	1.10	1.33	1.56	1.77	1.92	2.03
2100	41.0	32.7	44.6	35.5	47.3	37.5	49.8	39.2	52.5	40.9	55.6	42.7	58.3	43.8	.18	.48	.85	1.15	1.40	1.64	1.85	2.01	2.13
2200	42.3	33.4	46.0	36.1	48.6	38.0	51.1	39.6	53.8	41.1	56.8	42.5	59.4	43.4	.18	.51	.89	1.21	1.47	1.71	1.93	2.10	2.23
2300	43.6	33.9	47.2	36.5	49.9	38.3	52.4	39.7	55.0	41.1	57.8	42.1	60.3	42.6	.19	.52	.93	1.26	1.53	1.79	2.02	2.20	2.33
2400	44.7	34.3	48.4	36.8	51.0	38.4	53.5	39.7	56.0	40.8	58.7	41.5	61.0	41.4	.20	.55	.96	1.32	1.60	1.87	2.11	2.30	2.44
2500	45.8	34.6	49.5	36.9	52.1	38.4	54.4	39.5	56.8	40.3	59.4	40.5	...	...	.21	.57	1.01	1.38	1.67	1.95	2.20	2.39	2.54
2600	46.8	34.8	50.5	36.9	53.0	38.2	55.3	39.0	57.6	39.5	...	...	...	...	.22	.60	1.05	1.43	1.73	2.03	2.29	2.49	2.64
2700	47.8	34.9	51.3	36.8	53.8	37.8	56.0	38.4	58.1	38.5	...	...	...	...	.23	.62	1.09	1.48	1.80	2.11	2.37	2.59	2.74
2800	48.6	34.8	52.1	36.4	54.5	37.2	56.5	37.5	...	...	...	...	...	...	.24	.64	1.13	1.59	1.86	2.18	2.46	2.68	2.84
2900	49.4	34.6	52.8	35.9	55.0	36.4	56.9	36.4	...	...	...	...	...	...	.24	.67	1.17	1.60	1.93	2.26	2.55	2.78	2.94
3000	50.1	34.2	53.4	35.3	55.5	35.5	...	...	...	...	...	...	...	...	.25	.69	1.21	1.65	2.00	2.34	2.63	2.87	3.05
3100	50.7	33.7	53.8	34.5	...	...	...	...	...	...	...	...	...	...	.26	.72	1.25	1.70	2.07	2.42	2.72	2.97	3.15
3200	51.2	33.1	54.1	33.4	...	...	...	...	...	...	...	...	...	...	.27	.74	1.29	1.76	2.14	2.50	2.81	3.07	3.25
3300	51.6	32.3	...	...	...	...	...	...	...	...	...	...	...	...	.28	.77	1.33	1.81	2.20	2.58	2.90	3.16	3.35
3400	51.9	31.4	...	...	...	...	...	...	...	...	...	...	...	...	.29	.79	1.37	1.87	2.27	2.65	2.99	3.26	3.45
3500	52.1	30.3	...	...	...	...	...	...	...	...	...	...	...	...	.30	.81	1.41	1.92	2.33	2.73	3.08	3.35	3.55
3600	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.31	.83	1.45	1.98	2.40	2.81	3.16	3.45	3.65
3700	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.32	.86	1.49	2.03	2.47	2.89	3.25	3.54	3.76
3800	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.32	.88	1.53	2.09	2.53	2.97	3.34	3.64	3.85
3900	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.33	.90	1.57	2.14	2.60	3.05	3.43	3.74	3.96
4000	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.34	.93	1.61	2.20	2.67	3.12	3.52	3.83	4.06

Shaded areas indicate rim speeds exceeding 6500 FPM which may require higher strength sheaves.

TOTAL RATING = rated HP + "additional HP" from right hand column.

‡ Additional HP below 1.02 ratio equals zero.

Δ Subject to Arc and Length Corrections Factors on page PT7-47.

NOTE: Selection program VIA-VISA available at www.ptwizard.com.



8V

BASIC HORSEPOWER RATINGS Δ

Faster Shaft RPM	Rated HP per Belt for Small Sheave O.D. of:												Additional HP per Belt for Speed Ratio of: ‡									
	12.5	13.2	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.2	22.4	24.8	1.02 to 1.05	1.06 to 1.11	1.12 to 1.18	1.19 to 1.26	1.27 to 1.38	1.39 to 1.57	1.58 to 1.94	1.95 to 3.38	3.39 and up	
435	20.1	22.3	24.8	27.8	30.9	33.9	36.8	39.8	42.7	46.2	49.7	56.4	.20	.56	.97	1.32	1.60	1.87	2.11	2.30	2.43	
485	22.0	24.4	27.1	30.5	33.8	37.1	40.4	43.6	46.9	50.7	54.4	61.8	.23	.62	1.08	1.47	1.78	2.09	2.35	2.56	2.71	
585	25.7	28.5	31.7	35.6	39.5	43.4	47.2	50.9	54.6	59.0	63.3	71.6	.27	.75	1.30	1.77	2.15	2.52	2.83	3.09	3.27	
690	29.3	32.6	36.2	40.7	45.2	49.5	53.8	58.0	62.2	67.0	71.8	80.9	.32	.88	1.54	2.09	2.54	2.97	3.34	3.64	3.86	
725	30.5	33.8	37.6	42.3	46.9	51.5	55.9	60.3	64.5	69.5	74.4	83.7	.34	.93	1.61	2.20	2.67	3.12	3.51	3.83	4.06	
870	35.0	38.9	43.2	48.6	53.8	58.9	63.9	68.7	73.4	78.8	84.0	93.8	.41	1.11	1.94	2.64	3.20	3.74	4.22	4.59	4.87	
950	37.3	41.4	46.0	51.7	57.2	62.6	67.7	72.8	77.6	83.1	88.4	98.1	.45	1.21	2.11	2.88	3.49	4.09	4.60	5.02	5.32	
1160	42.6	47.3	52.5	58.8	64.8	70.6	76.1	81.2	86.1	91.5	96.5	104.8	.54	1.48	2.58	3.52	4.27	4.99	5.62	6.13	6.49	
1425	47.6	52.7	58.4	65.0	71.2	76.9	82.1	86.8	90.9	95.0	98.3	102.1	.67	1.82	3.17	4.32	5.24	6.13	6.91	7.52	7.97	
1750	50.9	56.1	61.7	67.9	73.3	77.8	81.5	84.2	85.8	86.5	...	...	.82	2.24	3.90	5.30	6.44	7.53	8.48	9.24	9.79	
50	3.01	3.31	3.64	4.06	4.47	4.88	5.30	5.70	6.11	6.60	7.09	8.0	.02	.06	.11	.15	.18	.22	.24	.26	.28	
100	5.59	6.15	6.79	7.59	8.38	9.17	9.96	10.7	11.5	12.5	13.4	15.2	.05	.13	.22	.30	.37	.43	.48	.53	.56	
150	8.00	8.82	9.76	10.9	12.1	13.2	14.4	15.5	16.6	18.0	19.4	22.0	.07	.19	.33	.45	.55	.65	.73	.79	.84	
200	10.3	11.4	12.6	14.1	15.6	17.1	18.6	20.1	21.6	23.3	25.1	28.6	.09	.26	.45	.61	.74	.86	.97	1.06	1.12	
250	12.5	13.8	15.3	17.2	19.0	20.9	22.7	24.5	26.3	28.5	30.7	34.9	.12	.32	.56	.76	.92	1.08	1.21	1.32	1.40	
300	14.6	16.2	18.0	20.2	22.4	24.5	26.7	28.8	31.0	33.5	36.0	41.0	.14	.38	.67	.91	1.10	1.29	1.45	1.58	1.68	
350	16.7	18.5	20.5	23.1	25.6	28.1	30.5	33.0	35.4	38.3	41.2	46.9	.16	.45	.78	1.06	1.29	1.51	1.70	1.85	1.96	
400	18.7	20.7	23.0	25.9	28.7	31.5	34.3	37.0	39.8	43.0	46.3	52.6	.19	.51	.89	1.21	1.47	1.72	1.94	2.11	2.24	
450	20.7	22.9	25.5	28.6	31.8	34.9	37.9	41.0	44.0	47.6	51.1	58.1	.21	.58	1.00	1.36	1.66	1.94	2.18	2.38	2.52	
500	22.6	25.0	27.8	31.3	34.7	38.1	41.5	44.8	48.1	51.9	55.8	63.3	.23	.64	1.11	1.52	1.84	2.15	2.42	2.64	2.80	
550	24.4	27.1	30.1	33.9	37.6	41.3	44.9	48.5	52.0	56.2	60.3	68.3	.26	.70	1.22	1.67	2.02	2.37	2.67	2.90	3.08	
600	26.2	29.1	32.4	36.4	40.4	44.3	48.2	52.0	55.8	60.2	64.6	73.0	.28	.77	1.34	1.82	2.21	2.58	2.91	3.17	3.36	
650	28.0	31.0	34.5	38.8	43.1	47.2	51.4	55.4	59.4	64.1	68.7	77.5	.31	.83	1.45	1.97	2.39	2.80	3.15	3.43	3.64	
700	29.7	32.9	36.6	41.2	45.7	50.1	54.4	58.7	62.9	67.8	72.6	81.7	.33	.89	1.56	2.12	2.57	3.01	3.39	3.70	3.92	
750	31.3	34.7	38.7	43.5	48.2	52.8	57.4	61.8	66.2	71.3	76.2	85.6	.35	.96	1.67	2.27	2.76	3.23	3.63	3.96	4.20	
800	32.9	36.5	40.6	45.7	50.6	55.4	60.2	64.8	69.3	74.6	79.6	89.3	.38	1.02	1.78	2.43	2.94	3.44	3.88	4.22	4.48	
850	34.4	38.2	42.5	47.8	52.9	57.9	62.8	67.6	72.3	77.6	82.8	92.5	.40	1.09	1.89	2.58	3.13	3.66	4.12	4.49	4.76	
900	35.9	39.8	44.3	49.8	55.1	60.3	65.4	70.3	75.0	80.5	85.8	95.5	.42	1.15	2.00	2.73	3.31	3.87	4.36	4.75	5.04	
950	37.3	41.4	46.0	51.7	57.2	62.6	67.7	72.8	77.6	83.1	88.4	98.1	.45	1.21	2.11	2.88	3.49	4.09	4.60	5.02	5.32	
1000	38.7	42.9	47.7	53.5	59.2	64.7	70.0	75.1	80.0	85.6	90.8	100.3	.47	1.28	2.23	3.03	3.68	4.30	4.85	5.28	5.60	
1050	39.9	44.4	49.3	55.3	61.1	66.7	72.1	77.2	82.1	87.7	92.9	102.2	.49	1.34	2.34	3.18	3.86	4.52	5.09	5.54	5.88	
1100	41.2	45.7	50.8	56.9	62.9	68.5	74.0	79.2	84.1	89.6	94.7	103.6	.52	1.41	2.45	3.33	4.05	4.73	5.33	5.81	6.16	
1150	42.3	47.0	52.2	58.5	64.5	70.2	75.7	80.9	85.9	91.2	96.2	104.6	.54	1.47	2.56	3.49	4.23	4.95	5.57	6.07	6.44	
1200	43.5	48.2	53.5	59.9	65.0	71.8	77.3	82.5	87.3	92.6	97.4	105.2	.56	1.53	2.67	3.64	4.41	5.17	5.82	6.34	6.71	
1250	44.5	49.4	54.8	61.2	67.4	73.2	78.7	83.8	88.5	93.7	98.2	105.4	.59	1.60	2.78	3.79	4.60	5.38	6.06	6.60	6.99	
1300	45.5	50.4	55.9	62.5	68.7	74.5	79.9	84.9	89.5	94.5	98.7	105.1	.61	1.66	2.89	3.94	4.78	5.60	6.30	6.86	7.27	
1350	46.4	51.4	57.0	63.6	69.8	75.6	80.9	85.8	90.3	94.9	98.8	104.3	.63	1.73	3.01	4.09	4.97	5.81	6.54	7.13	7.55	
1400	47.2	52.3	57.9	64.5	70.8	76.5	81.7	86.5	90.7	95.1	98.6	102.9	.66	1.79	3.12	4.24	5.15	6.03	6.78	7.39	7.83	
1450	48.0	53.1	58.8	65.4	71.6	77.2	82.4	86.9	90.9	94.9	98.0	101.1	.68	1.85	3.23	4.40	5.33	6.24	7.03	7.66	8.11	
1500	48.7	53.9	59.5	66.2	72.3	77.8	82.8	87.1	90.8	94.4	97.0	98.8	.70	1.92	3.34	4.55	5.52	6.46	7.27	7.92	8.39	
1550	49.3	54.5	60.2	66.8	72.8	78.2	83.0	87.1	90.5	93.6	95.5	95.9	.73	1.98	3.45	4.70	5.70	6.67	7.51	8.18	8.67	
1600	49.8	55.1	60.7	67.2	73.2	78.4	82.9	86.7	89.8	92.3	93.7	...	.75	2.05	3.56	4.85	5.88	6.89	7.75	8.45	8.95	
1650	50.2	55.5	61.1	67.6	73.4	78.4	82.7	86.2	88.8	90.8	91.4	...	.77	2.11	3.67	5.00	6.07	7.10	8.00	8.71	9.23	
1700	50.6	55.9	61.5	67.8	73.4	78.2	82.2	85.3	87.5	88.8	88.7	...	.80	2.17	3.78	5.15	6.25	7.32	8.24	8.98	9.51	
1800	51.2	56.3	61.7	67.8	73.0	77.2	80.5	82.7	83.9	83.7	...	...	.84	2.30	4.01	5.46	6.62	7.75	8.72	9.5	10.1	
1900	51.2	56.3	61.5	67.2	71.8	75.4	77.8	79.0	78.9	...	...	...	.89	2.43	4.23	5.76	6.99	8.18	9.21	10.0	10.6	
2000	51.0	55.9	60.8	65.9	69.9	72.6	74.0	74.0	...	...	...	...	.94	2.56	4.45	6.06	7.36	8.61	9.69	10.6	11.2	
2200	49.4	53.7	57.7	61.5	63.7	64.2	...	...	...	...	...	...	1.03	2.81	4.90	6.67	8.09	9.47	10.7	11.6	12.3	
2400	46.0	49.5	52.4	54.2	54.1	...	...	...	...	...	...	...	1.13	3.07	5.34	7.28	8.83	10.3	11.6	12.7	13.4	
2600	40.9	43.2	44.5	...	...	...	...	...	...	...	...	...	1.22	3.32	5.79	7.88	9.56	11.2	12.6	13.7	14.5	

Shaded areas indicate rim speeds exceeding 6500 FPM which may require higher strength sheaves.

TOTAL RATING = rated HP + "additional HP" from right hand column.

‡ Additional HP below 1.02 ratio equals zero.

Δ Subject to Arc and Length Corrections Factors on page PT7-47.

NOTE: Selection program VIA-VISA available at www.ptwizd.com.

SELECTION



5VF

BASIC HORSEPOWER RATINGS Δ Aramide Cord Belt

SEE CAUTION BELOW

Faster Shaft RPM	Rated HP per Belt for Small Sheave O.D. of:														Additional HP per Belt for				
															Speed Ratio of:‡				
	7.1	8.0	8.5	9.0	9.75	10.3	10.9	11.3	11.8	12.5	13.2	14.0	15.0	16.0	1.02 to 1.20	1.21 to 1.50	1.51 to 2.19	2.20 to 3.32	3.33 and up
200	3.55	4.42	4.91	5.39	6.11	6.63	7.2	7.58	8.05	8.71	9.36	10.1	11.0	11.9	.10	.24	.33	.37	.38
300	5.01	6.29	6.99	7.69	8.74	9.5	10.3	10.9	11.5	12.5	13.5	14.5	15.9	17.2	.15	.36	.50	.55	.57
400	6.39	8.05	8.97	9.88	11.2	12.2	13.3	14.0	14.9	16.1	17.4	18.8	20.5	22.2	.19	.47	.66	.74	.76
500	7.71	9.74	10.9	12.0	13.6	14.8	16.2	17.0	18.1	19.6	21.1	22.8	24.9	27.0	.24	.59	.83	.92	.94
600	8.96	11.4	12.7	14.0	15.9	17.4	18.9	19.9	21.2	23.0	24.8	26.7	29.2	31.7	.29	.71	.99	1.11	1.13
700	10.2	12.9	14.4	15.9	18.2	19.8	21.6	22.8	24.2	26.3	28.3	30.5	33.3	36.1	.34	.83	1.16	1.29	1.32
800	11.3	14.4	16.1	17.8	20.4	22.2	24.2	25.5	27.1	29.4	31.6	34.2	37.3	40.4	.39	.95	1.32	1.48	1.51
900	12.4	15.9	17.8	19.7	22.5	24.5	26.7	28.2	29.9	32.4	34.9	37.7	41.1	44.5	.44	1.07	1.49	1.66	1.70
1000	13.5	17.3	19.4	21.5	24.5	26.7	29.1	30.7	32.7	35.4	38.0	41.1	44.8	48.4	.49	1.18	1.65	1.85	1.89
1100	14.6	18.7	20.9	23.2	26.5	28.9	31.5	33.2	35.3	38.2	41.1	44.3	48.2	52.1	.53	1.30	1.82	2.03	2.08
1200	15.6	20.0	22.4	24.8	28.4	30.9	33.7	35.5	37.8	40.9	43.9	47.4	51.5	55.6	.58	1.42	1.99	2.22	2.27
1300	16.6	21.3	23.9	26.4	30.2	32.9	35.9	37.8	40.2	43.5	46.7	50.3	54.7	58.9	.63	1.54	2.15	2.40	2.45
1400	17.5	22.5	25.3	28.0	32.0	34.9	37.9	40.0	42.5	45.9	49.3	53.0	57.6	61.9	.68	1.66	2.32	2.59	2.64
1600	19.3	24.9	27.9	30.9	35.3	38.5	41.8	44.1	46.8	50.5	54.1	58.1	62.8	67.3	.78	1.89	2.65	2.96	3.02
1800	20.9	27.0	30.3	33.6	38.4	41.7	45.4	47.7	50.6	54.5	58.2	62.3	67.2	71.6	.88	2.13	2.98	3.32	3.40
2000	22.4	29.0	32.6	36.0	41.1	44.7	48.5	50.9	53.9	57.9	61.7	65.8	70.5	74.8	.97	2.37	3.31	3.69	3.78
2200	23.8	30.8	34.5	38.2	43.5	47.2	51.2	53.7	56.7	60.7	64.5	68.5	72.9	76.7	1.07	2.60	3.64	4.06	4.15
2400	24.9	32.4	36.3	40.1	45.6	49.4	53.4	55.9	58.9	62.8	65.5	70.2	74.1	77.3	1.17	2.84	3.97	4.43	4.53
2600	26.0	33.7	37.8	41.7	47.3	51.1	55.1	57.6	60.5	64.3	67.6	70.9	...	...	1.26	3.08	4.30	4.80	4.91
2800	26.9	34.8	39.0	43.0	48.6	52.4	56.3	58.7	61.4	64.9	67.8	...	...	...	1.36	3.31	4.63	5.17	5.29
3000	27.6	35.8	40.0	44.0	49.6	53.3	56.9	59.2	61.7	64.7	...	...	...	...	1.46	3.55	4.96	5.54	5.66
3200	28.1	36.4	40.7	44.6	50.1	53.6	57.0	59.0	61.2	...	...	...	...	...	1.56	3.79	5.30	5.91	6.04
3400	28.4	36.8	41.0	44.9	50.1	53.4	56.5	58.2	...	...	...	...	...	...	1.65	4.02	5.63	6.28	6.42
3600	28.6	36.9	41.1	44.8	49.7	52.7	...	...	...	...	...	...	...	...	1.75	4.26	5.96	6.65	6.80

8VF

SEE CAUTION BELOW

Faster Shaft RPM	Rated HP per Belt for Small Sheave O.D. of:												Additional HP per Belt for Speed Ratio of:‡				
	12.5	13.2	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.2	22.4	24.8	1.02	1.21	1.51	2.20	3.33
													to	to	to	to	and
													1.20	1.50	2.19	3.32	up
200	12.6	14.5	16.6	19.3	21.9	24.6	27.2	29.8	32.433	35.5	38.6	44.7	.59	1.43	2.00	2.24	2.29
250	15.0	17.4	20.0	23.3	26.5	29.7	33.0	36.2	39.4	43.2	46.9	54.5	.74	1.79	2.51	2.80	2.86
300	17.4	20.1	23.2	27.1	30.9	34.7	38.5	42.3	46.1	50.5	55.0	63.8	.88	2.15	3.01	3.36	3.43
350	19.6	22.7	26.3	30.7	35.2	39.6	43.9	48.3	52.6	57.7	62.8	72.9	1.03	2.51	3.51	3.91	4.00
400	21.7	25.2	29.3	34.3	39.3	44.2	49.1	54.0	58.9	64.6	70.4	81.7	1.18	2.87	4.01	4.47	4.57
450	23.7	27.7	32.2	37.7	43.2	48.7	54.2	59.6	65.0	71.4	77.7	90.2	1.33	3.23	4.51	5.03	5.15
500	25.6	30.0	34.9	41.0	47.1	53.1	59.1	65.0	70.9	77.8	84.8	98.4	1.47	3.58	5.01	5.59	5.72
600	29.3	34.4	40.1	47.3	54.4	61.4	68.4	75.3	82.2	90.2	98.2	113.9	1.77	4.30	6.01	6.71	6.86
700	32.6	38.4	45.0	51.2	61.2	69.2	77.1	84.9	92.6	101.7	110.7	128.1	2.06	5.02	7.01	7.83	8.00
800	35.6	42.1	49.5	58.6	67.6	76.5	85.2	93.8	102.3	112.3	122.1	141.1	2.36	5.73	8.02	8.95	9.15
900	38.3	45.5	53.6	63.6	73.5	83.1	92.7	102.0	111.2	121.9	132.4	152.5	2.65	6.45	9.02	10.1	10.3
1000	40.7	48.5	57.4	68.2	78.8	89.2	99.4	109.4	119.1	130.5	141.5	162.4	2.95	7.17	10.0	11.2	11.4
1100	42.9	51.3	60.7	72.3	83.6	94.7	105.5	116.0	126.2	138.0	149.4	170.7	3.24	7.89	11.0	12.3	12.6
1200	44.7	53.7	63.7	75.9	87.9	99.5	110.8	121.7	132.2	144.4	155.9	177.3	3.53	8.60	12.0	13.4	13.7
1300	46.2	55.7	66.3	79.2	91.6	103.7	115.3	126.5	137.3	149.5	161.1	181.9	3.83	9.32	13.1	14.5	14.8
1400	47.4	57.3	68.4	81.8	94.7	107.1	119.0	130.4	141.2	153.4	164.7	184.5	4.12	10.1	14.1	15.7	16.0
1500	48.3	58.6	70.1	83.9	97.1	109.8	121.8	133.2	143.9	155.8	165.7	184.9	4.42	10.7	15.0	16.8	17.1
1600	48.8	59.5	71.3	85.4	98.9	111.7	123.7	135.0	145.4	156.8	167.0	...	4.71	11.5	16.0	17.9	18.3
1700	49.0	59.0	72.0	86.4	100.0	112.8	124.7	135.7	145.6	156.3	165.5	...	5.01	12.2	17.0	19.0	19.4
1800	48.8	60.0	72.2	86.8	100.4	113.0	124.6	135.1	144.5	154.2	...	...	5.30	12.9	18.0	20.1	20.6
1900	48.2	59.5	71.9	86.5	100.0	112.4	123.5	133.4	141.9	...	...	...	5.60	13.6	19.0	21.2	21.7
2000	47.2	58.7	71.1	85.6	98.8	110.7	121.3	130.3	...	...	...	...	5.89	14.3	20.0	22.3	22.8
2100	45.8	57.3	69.7	84.0	96.8	108.1	117.9	...	...	...	...	...	6.19	15.0	21.0	23.5	24.0
2200	43.9	55.5	67.7	81.7	94.0	104.5	...	...	...	...	...	...	6.48	15.8	22.0	24.6	25.1

Shaded areas indicate rim speeds exceeding 6500 FPM which may require higher strength sheaves.

TOTAL RATING = rated HP + "additional HP" from right hand column.

‡ Additional HP below 1.02 ratio equals zero.

Δ Subject to Arc and Length Corrections Factors on page PT7-47.

CAUTION: Belt horsepower ratings may exceed design capacity of stock sheaves. Consult factory for recommendations.

NOTE: Selection program VIA-VISA available at www.ptwizard.com.



SELECTION

Stock Classical Drives: Standard Motor Speeds

Step 1 - Determine Service Factor. Refer to Typical Service factors, Table 7. Locate type of Driven and Driver equipment. (If an idler is used, increase the factor by value indicated). Correct factor is determined by: 1. The extent and frequency of peak loads. 2. Number of operating hours/year, broken down in average hours/day of continuous service. 3. Proper service category: (Intermittent, Normal or Continuous). Select the one closest to the application conditions.

Step 2 - Compute Design HP. Multiply normal running HP required or nameplate rating by service factor obtained in Step 1.

Step 3 - Choose Belt Section. Using Table 6, below, read up from design HP figure obtained in Step 2 and over from the RPM of faster shaft. This intersection indicates belt sections.

Step 4 - Select the Drive. a). Using belt section from Step 3, refer to Stock Drive Selection Tables beginning on page PT7-90. b). Under appropriate driver speed column find Driven RPM nearest to the desired speed. To the right note HP per Belt. Read left for Driver/Driven Sheave information. (If driver is an electric motor be sure motor sheave diameter is not less than shown in Table 8.) c). Read onto opposite page and find figure nearest the required center distance. Note Arc-Length Correction Factor in the shaded row below the C.D. figure. d). Read to the top of the table for the belt size. e). **To determine number of belts**, multiply the HP per Belt value by the Arc Length Correction Factor. This is the corrected HP/ belt. Divide design HP by corrected HP figure to determine number of belts required.

EXAMPLE OF SELECTION

Select a classical drive for a continuous duty 3-piston compressor, with a 2-7/16, shaft, to run at about 284 RPM, driven by a 30 HP, 1160 RPM squirrel cage electric motor with a 2-1/8, shaft. Desired center distance is approximately 36".

Step 1 - Service factor from Table 7 is 1.4.

Step 2 - Design HP = $1.4 \times 30 = 42$ HP.

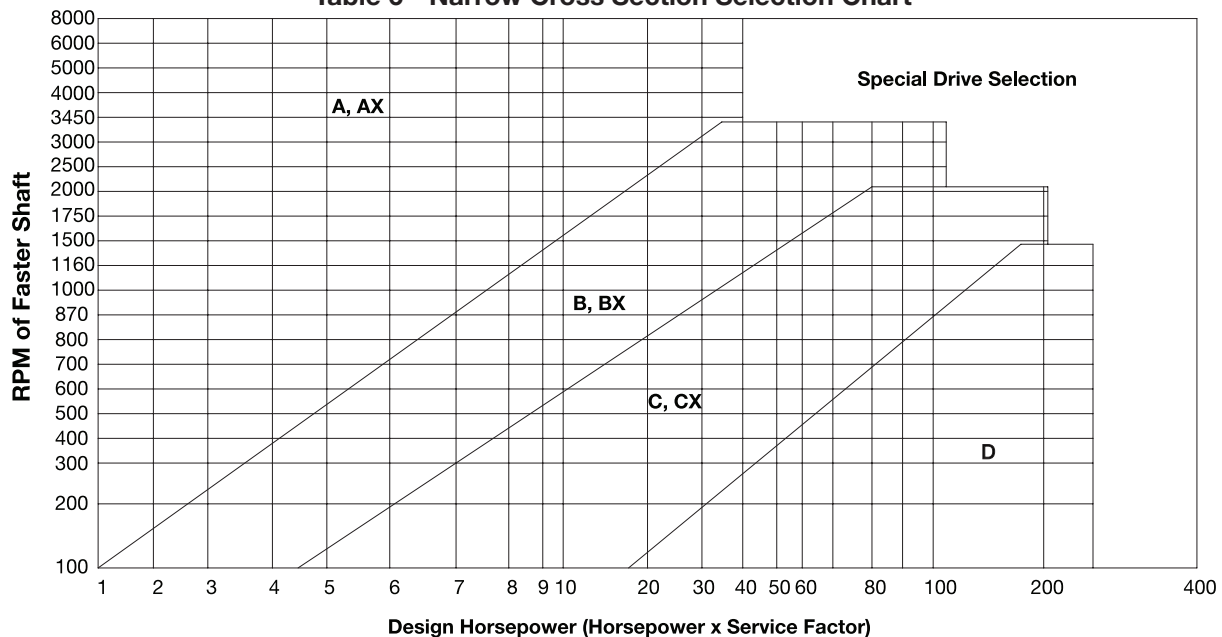
Step 3 - A C-section belt is shown in Table 11 when reading to the right of 1160 RPM and up from 42 design HP.

Step 4 - Turn to C-Stock Drive Selection Tables beginning on page PT7-124. Under 1160 RPM Driven, read down to find 285 RPM. One selection is 284 on page PT7-128. Note HP/belt as 15.47 for all SL Classic belts and Polyband belts over 116" and 19.34 for all Classic-Cog and Polyband under 116". Also note sheaves listed as a 8.5 Driver, 36.0 Driven. Table 8 shows driver is not undersize. Reading to opposite page the C.D. figure of 35.9 is closest to 36". Top of table shows belt size as C144.

The HP/belt for SL Classic is 15.47. This value $\times$ the .95 factor = 14.7 corrected HP/belt. $42 \text{ HP} \div 14.7 = 2.85$. Going to the next whole number the drive requires 3 SL Classic belts. (Center to center operating distance is 35.9 nominal.) **Order:** 1. 3 - C144 SL Classic Belts. 2. 1 - 3-groove C8.5 TAPER-LOCK Sheave. 3. 1 - 2-1/8, bore 2517 bushing. 4. 1 - 3-groove C36.0 TAPER-LOCK Sheave. 5. 1 - 2-7/16, bore 3535 bushing.

(The steps above may be used to figure a Classic-COG drive with higher HP ratings. This drive usually uses fewer grooves and will be more compact. The decision to use SL Classic, Classic-COG or POLYBAND belts involves economics, interchangeability, etc.).

Table 6 - Narrow Cross Section Selection Chart



NOTE: Selection program VIA-VISA available at www.ptwizd.com.



SERVICE FACTORS

Table 7 - Typical Service Factors

Driven Machine Types	Driver: Normal Torque NEMA Des. A or B Motors DC Shunt Wound Motors Multi-Cylinder Engines			Driver: High Torque NEMA Des. C or D Motors DC Series Wound Motors Single Cylinder Engines			
Note: Certain machines may require flywheel sheaves or special construction to withstand heavy shock loads. Consult Mfg'r.	Service*			Service*			
	Intermit.	Normal	Contin.	Intermit.	Normal	Cont.	
Agitators for Liquids Blowers and Exhausters Centrif. Pumps, Compressors Fans up to 10HP Light Duty Conveyors	1.0	1.1	1.2	1.1	1.2	1.3	* Note: Intermittent: Up to 6 Hrs./Day Normal: 6-16 Hrs./Day Continuous: 16-24 Hrs./Day Adder for Idlers: Outside on slack side 0.1 Inside on tight side 0.1 Outside on tight side 0.2
Belt Conveyors, Bulk Mat'l Dough Mixers Fans over 10 HP Generators Line Shafts Laundry Machinery Machine Tools Punches, Presses, Shears Printing Machinery Positive Displ. Rotary Pumps Revolving & Vibrating Screens	1.1	1.2	1.3	1.2	1.3	1.4	
Brick Machinery Bucket Elevators Exciters Piston Compressors Conveyors: Drag, Pan, Screw Hammer Mills Paper Mill Beaters Piston Pumps Pos. Displacement Blowers Pulverizers Saw Mill, Woodworking Mach'y Textile Machinery	1.2	1.3	1.4	1.4	1.5	1.6	
Crushers: Gyratory, Jaw, Roll Mills: Ball, Rod, Tube Hoists Rubber Calendars, Extruders, Mills	1.3	1.4	1.5	1.6	1.7	1.8	
Chokable Equipment, Fire Hazard	2.0	2.0	2.0	2.0	2.0	2.0	

Table 8 - Min. Recommended Classical Groove Sheave Dia. for Drives Using Electric Motors

Motor RPM	A, B, C, D, V-belt Sheave	Motor Horsepower																		
		1/2	3/4	1	1-1/2	2	3	5	7-1/2	10	15	20	25	30	40	50	60	75	100	125
870	Min. P.D.	2.2	2.4	2.4	2.4	3.0	3.0	3.8	4.4	4.6	5.4	6.0	6.8	6.8	8.2	9.0	10.0	10.5	12.5	...
	Max. Face Width	4.3	4.3	5.3	5.3	6.5	6.5	7.8	7.8	9.0	9.0	10.3	10.3	11.5	11.5	14.3	14.3	16.8	16.8	...
1160	Min. P.D.	...	2.2	2.4	2.4	2.4	3.0	3.0	3.8	4.4	4.6	5.4	6.0	6.8	6.8	8.2	9.0	10.0	11.0	12.5
	Max. Face Width	...	4.3	4.3	5.3	5.3	6.5	6.5	7.8	7.8	9.0	9.0	10.3	10.3	11.5	11.5	14.3	14.3	16.8	16.8
1750	Min. P.D.	...	...	2.2	2.4	2.4	3.0	3.0	3.8	4.4	4.6	5.0	5.4	6.0	6.8	7.4	9.0	10.0	11.5	...
	Max. Face Width	...	...	4.3	4.3	4.3	5.3	5.3	6.5	6.5	7.8	7.8	9.0	9.0	10.3	10.3	11.5	11.5	14.3	14.3
3500	Min. P.D.	...	...	...	2.2	2.4	2.4	3.0	3.8	3.0	3.8	4.4	4.4	...	...	...	...	...	...	...
	Max. Face Width	...	...	...	4.3	4.3	4.3	5.3	5.3	6.5	6.5	7.8	7.8	...	...	...	...	...	...	...

Data is per NEMA Standard MG1-14.42. In areas where sheaves are not listed, consult motor manufacturer

NOTE: Selection program VIA-VISA available at www.ptwizd.com.



SELECTION

Stock Classical Drives: Non Standard Motor Speeds & Speed-Up Drives

For Speeds Other Than Standard Motor Speeds:

Step 1 - Determine Speed Ratio = $\left(\frac{\text{Driver RPM}}{\text{Driven RPM}} \right)$

Step 2 - Compute Design HP. Multiply normal running HP required or nameplate rating by service factor from Table 2.

Step 3 - Determine Maximum Diameter of Driver Sheave

@ 6500 FPM: O.D. = $\left(\frac{6500 \text{ RPM}}{.262 \times \text{RPM}} \right)$

Step 4 - Select Belt Cross Section. Using Table 6, read up from design HP figure obtained in Step 2 and over from the RPM of faster shaft. This intersection indicates belt section.

Step 5 - Select Drive. Using the belt section from Step 4, make a tentative sheave selection from **Stock Drive Selection Tables**. (Note that several choices are available in the ratio obtained from Step 1.) Other choices close to this ratio may also produce a functional drive. Read onto opposite page and find figure nearest the required center distance. The Arc-Length Correction Factor is listed in the shaded row below the C.D. figure. Read to the top of the table for the belt size.

Step 6 - Size the Drive. From Basic HP Tables beginning on page PT7-118, locate HP rating at intersection of RPM row and small sheave column. To this, add the "additional HP" figure based on drive ratio. This becomes the rated HP. Multiply this sum by the arc-length correction factor noted in Step 5. This becomes the corrected HP per belt. To find

Required number of belts : $\frac{\text{Design HP}}{\text{Correction HP/Belt}}$

EXAMPLE OF SELECTION

A V-drive is needed for a 15 HP, 2200 RPM gasoline engine, with a 1-5/8" shaft, running a reducer on a belt conveyor. 2-5/16" reducer input shaft shaft runs at 1490 RPM. Service is intermittent. Center distance is 36".

Step 1 - Speed Ratio = $\frac{2200}{1785} = 1.48$

Step 2 - Service Factor = 1.2 Design HP = 15 x 1.1 = 16.5

Step 3 - Driver Sheave Max. Dia. = $\frac{6500}{.262 \times 2200} = 11.3$

Step 4 - Belt Cross Section = Table 11 indicates A-AX.

Step 5 - Turn to A, AX **Stock Drive Selection Tables** beginning on page PT7-106. Find the 1.48 ratio obtained in the Step 1 calculations. The most economical drive shows a 4.6 Driver,

NOTE: Selection program VIA-VISA available at www.ptwizd.com.

7.0 Driven Sheave. The C.D. nearest 36" is 36.5. The correction factor below the C.D. figure is 1.07. Top of the table shows an A90 belt. Refer to Basic HP Tables on page PT7-134. From the 2200 RPM of the faster shaft row and down from the 4.6 smaller sheave:

5.80 HP/belt plus an additional HP of .44 in the 1.35 thru 1.99 ratio column. The sum = 6.24 HP/belt x 1.07 arc-length correction factor = 6.68 HP/belt.

Number of belts = $\frac{16.5}{6.68} = 2.47$ or 3 belts

Order: 1- 3 groove A4.6 TAPER-LOCK Sheave, 1 to 1-5/8" bore 1610 bushing, 1-3 groove A7.0 sheave, 1 to 2-5/16" bore 2517 bushing, 3-A90 SL Classic Belts.

Example of an "A" Speed-Up Drive

A 10 HP 1750 RPM AC motor, with a 1-3/8" shaft is to drive a high speed blower @ 4000 RPM. The blower shaft is 1-7/16", center distance 24" and equipment runs 24 hrs./day.

1. Service Factor from Table 12 is 1.2.

2. Design HP = 10 x 1.2 = 12 HP.

3. Speed Ratio = $\frac{4000}{1750} = 2.29$

4. In Stock Drive Table, under 2.29 ratio, sheaves are listed as 3.4 Driver/8.2 Driven. (In a speed-up drive, the 3.4 sheave becomes the Driven, the 8.2 the Driver.) The opposite page of the table shows the closest center distance as 24.4 with an arc length correction factor of .96. Belt shown at top of table is A66.

5. From **Basic Horsepower Tables** a 3.4 sheave @ 4000 RPM = (4.38 + 1.00) = 5.38.
5.38 x .96 = 5.16 corrected HP/belt.

6. **Number of Belts** = $\frac{\text{Design HP}}{\text{Corrected HP}} = \frac{12}{5.16} = 2.33$

or 3 belts.

7. **Order:** 1-3 groove A8.2 TAPER-LOCK Sheave, 1 to 1-3/8" bore 2517 bushing, 1-3 groove A3.4 TAPER-LOCK Sheave, 1 to 1-7/16" bore 1610 bushing, 3-A66 SL belts.

NOTE: To determine required belt length when center distance and sheave datum diameters are known, use the following formula.

$$L = 2C + 1.57 (D + d) + \frac{(D - d)^2}{4c}$$

L = Belt Length In Inches

C = Center Distance

D = Datum Dia. of Large Sheave

d = Datum Dia. of Small Sheave



Belt Correction Factors

Table 9 - Classical Belt Length Correction Factors

Datum Length	Factor	Datum Length	Factor	Datum Length	Factor	Datum Length	Factor	Datum Length	Factor	Datum Length	Factor	Datum Length	Factor
A Belts		A Belts (Cont.)		A Belts (Cont.)		B Belts (Cont.)		B Belts (Cont.)		C Belts (Cont.)		D Belts (Cont.)	
15.3	0.68	58.3	0.96	113.3	1.11	57.8	0.90	101.8	1.03	107.9	0.94	213.3	0.96
16.3	0.69	59.3	0.97	121.3	1.13	58.8	0.90	102.8	1.03	108.9	0.94	225.8	0.99
17.3	0.71	60.3	0.97	129.3	1.14	59.8	0.91	104.8	1.04	110.9	0.94	240.8	1.00
18.3	0.72	61.3	0.98	134.3	1.14	60.8	0.91	106.8	1.04	111.9	0.94	255.8	1.01
19.3	0.73	62.3	0.98	137.3	1.15	61.8	0.92	109.8	1.04	113.9	0.94	270.8	1.03
20.3	0.74	63.3	0.98	145.3	1.17	62.8	0.92	112.8	1.05	114.9	0.95	285.8	1.04
21.3	0.75	64.3	0.98	159.3	1.19	63.8	0.92	113.8	1.05	117.9	0.95	300.8	1.05
22.3	0.76	65.3	0.99	174.3	1.21	64.8	0.92	117.8	1.06	122.9	0.97	315.8	1.06
23.3	0.77	67.3	0.99	181.3	1.22	65.8	0.93	121.8	1.07	126.9	0.97	330.8	1.07
24.3	0.78	68.3	0.99	B Belts		66.8	0.93	125.8	1.07	130.9	0.98	345.8	1.08
25.3	0.79	69.3	1.00	23.8	0.71	67.8	0.93	129.8	1.08	138.9	0.99	360.8	1.09
26.3	0.80	70.3	1.00	24.8	0.72	68.8	0.94	134.8	1.09	146.9	1.00	390.8	1.11
27.3	0.81	71.3	1.00	25.8	0.73	69.8	0.95	137.8	1.09	152.9	1.01	420.8	1.12
28.3	0.81	72.3	1.01	26.8	0.74	70.8	0.95	145.8	1.11	160.9	1.02	450.8	1.14
29.3	0.82	73.3	1.01	27.8	0.75	71.8	0.95	149.8	1.11	164.9	1.03	480.8	1.16
30.3	0.82	74.3	1.01	28.8	0.75	72.8	0.95	159.8	1.13	175.9	1.04	540.8	1.18
31.3	0.83	75.3	1.02	29.8	0.76	73.8	0.95	163.8	1.13	182.9	1.05	600.8	1.20
32.3	0.84	76.3	1.02	30.8	0.77	74.8	0.96	174.8	1.15	197.9	1.07	E Belts #	
33.3	0.84	77.3	1.02	31.8	0.77	75.8	0.96	181.8	1.16	212.9	1.08	184.5	0.91
34.3	0.85	78.3	1.02	32.8	0.78	76.8	0.97	191.8	1.16	225.9	1.10	199.5	0.92
35.3	0.86	79.3	1.03	33.8	0.79	77.8	0.97	196.8	1.18	240.9	1.11	214.5	0.94
36.3	0.87	80.3	1.03	34.8	0.79	78.8	0.97	206.8	1.19	255.9	1.12	241.0	0.96
37.3	0.87	81.3	1.04	35.8	0.80	79.8	0.97	211.8	1.19	270.9	1.14	271.0	0.99
38.3	0.87	82.3	1.04	36.8	0.81	80.8	0.97	225.3	1.21	285.9	1.15	301.0	1.01
39.3	0.88	83.3	1.04	37.8	0.81	81.8	0.97	240.3	1.22	300.9	1.16	331.0	1.03
40.3	0.89	84.3	1.04	38.8	0.82	82.8	0.98	255.3	1.24	315.9	1.18	361.0	1.05
41.3	0.89	85.3	1.05	39.8	0.83	83.8	0.98	270.3	1.25	330.9	1.19	391.0	1.07
42.3	0.90	86.3	1.05	40.8	0.83	84.8	0.98	285.3	1.26	345.9	1.20	421.0	1.09
42.3	0.90	87.3	1.05	41.8	0.83	85.8	0.99	300.3	1.27	360.9	1.21	481.0	1.12
43.3	0.91	88.3	1.05	42.8	0.84	86.8	0.99	315.3	1.29	390.9	1.23	541.0	1.14
44.3	0.91	89.3	1.06	43.8	0.85	87.8	0.99	C Belts		420.9	1.24	601.0	1.17
45.3	0.92	90.3	1.06	44.8	0.85	88.8	0.99	53.9	0.80	450.9	1.26	....	....
46.3	0.92	91.3	1.06	45.8	0.85	89.8	1.00	57.9	0.81	480.9	1.27	....	....
47.3	0.93	92.3	1.06	46.8	0.86	90.8	1.00	62.9	0.82	D Belts		....	....
48.3	0.93	93.3	1.07	47.8	0.87	91.8	1.00	70.9	0.85	108.3	0.83	....	....
49.3	0.93	94.3	1.07	48.8	0.87	92.8	1.00	73.9	0.87	115.3	0.84	....	....
50.3	0.94	95.3	1.07	49.8	0.87	93.8	1.00	77.9	0.89	123.3	0.86	....	....
51.3	0.94	96.3	1.07	50.8	0.88	94.8	1.01	83.9	0.90	131.3	0.87	....	....
52.3	0.95	97.3	1.08	51.8	0.88	95.8	1.01	87.9	0.91	147.3	0.90	....	....
53.3	0.95	98.3	1.08	52.8	0.89	96.8	1.01	92.9	0.92	161.3	0.92	....	....
54.3	0.96	99.3	1.08	53.8	0.89	97.8	1.01	98.9	0.92	165.3	0.92	....	....
55.3	0.96	101.3	1.08	54.8	0.89	98.8	1.02	99.9	0.92	176.3	0.93	....	....
56.6	0.96	106.3	1.10	55.8	0.89	99.8	1.02	101.9	0.92	183.3	0.94	....	....
57.3	0.96	111.3	1.11	56.8	0.90	100.8	1.02	103.9	0.94	198.3	0.96	....	....

E Belts recommended for replacement only, not for new drive design

Table 10 - Arc Correction Factors

D-d $\frac{1}{2}$	Approx. Arc of Contact on Small Shv.	Factor	D-d $\frac{1}{2}$	Approx. Arc of Contact on Small Shv.	Factor
C			C		
.00	180°	1.00	.80	133°	.87
.10	174°	.99	.90	127°	.85
.20	169°	.97	1.00	120°	.82
.30	163°	.96	1.10	113°	.80
.40	157°	.94	1.20	106°	.77
.50	151°	.93	1.30	99°	.73
.60	145°	.91	1.40	91°	.70
.70	139°	.89	1.50	83°	.65

‡ D = Dia. of large sheave.
d = Dia. of small sheave.
C = Center distance

NOTE: Selection program VIA-VISA available at www.ptwizd.com.

SELECTION



A S-L CLASSIC AX CLASSIC COG STOCK DRIVE SELECTIONS

Ratio	Stock Shv.		3500 RPM Driver			1750 RPM Driver			1160 RPM Driver			Belt Size/Center Distance						
	Datum Diam.		Driven RPM	HP Per Belt		Driven RPM	HP Per Belt		Driven RPM	HP Per Belt		A26 AX26	A31 AX31	A33 AX33	A35 AX35	A38 AX38	A42 AX42	A46 AX46
	Driver	Driven		A	AX		A	AX		A	AX							
1.00	3.0	3.0	3500	3.42	4.61	1750	2.37	3.08	1160	1.78	2.33	8.9	11.4	12.4	13.4	14.9	16.9	18.9
1.00	3.4	3.4	3500	4.60	5.68	1750	3.09	3.72	1160	2.29	2.79	8.3	10.8	11.8	12.8	14.3	16.3	18.3
1.00	3.8	3.8	3500	5.72	6.70	1750	3.80	4.35	1160	2.79	3.24	7.7	10.2	11.2	12.2	13.7	15.7	17.7
1.00	4.2	4.2	3500	6.77	7.68	1750	4.49	4.96	1160	3.29	3.69	7.1	9.6	10.6	11.6	13.1	15.1	17.1
1.00	4.6	4.6	3500	7.75	8.62	1750	5.16	5.56	1160	3.77	4.13	6.4	8.9	9.9	10.9	12.4	14.4	16.4
1.00	5.0	5.0	3500	8.66	9.52	1750	5.83	6.15	1160	4.25	4.56	---	8.3	9.3	10.3	11.8	13.8	15.8
1.00	5.2	5.2	3500	9.09	9.96	1750	6.15	6.44	1160	4.49	4.77	---	8.0	9.0	10.0	11.5	13.5	15.5
1.00	6.0	6.0	3500	10.60	11.59	1750	7.42	7.57	1160	5.43	5.60	---	---	7.7	8.7	10.2	12.2	14.2
1.00	7.0	7.0	3500	---	---	1750	8.92	8.92	1160	6.56	6.61	---	---	---	---	8.7	10.7	12.7
1.03	5.6	5.8	3387	10.02	10.93	1693	6.86	7.08	1122	5.01	5.23	---	7.2	8.2	9.2	10.7	12.7	14.7
1.04	5.0	5.2	3375	8.81	9.67	1687	5.90	6.23	1118	4.30	4.60	5.6	8.1	9.1	10.1	11.6	13.6	15.6
1.04	4.2	4.4	3354	6.94	7.85	1677	4.57	5.05	1111	3.34	3.75	6.9	9.4	10.4	11.4	12.9	14.9	16.9
1.05	3.6	3.8	3333	5.36	6.39	1666	3.54	4.13	1104	2.61	3.08	7.8	10.3	11.3	12.3	13.8	15.8	17.8
1.06	3.0	3.2	3304	3.64	4.83	1652	2.48	3.19	1095	1.86	2.40	8.8	11.3	12.3	13.3	14.8	16.8	18.8
1.06	6.0	6.4	3294	10.83	11.82	1647	7.54	7.69	1092	5.50	5.68	---	6.4	7.4	8.4	9.9	11.9	13.9
1.07	5.2	5.6	3266	9.35	10.22	1633	6.28	6.57	1082	4.58	4.85	---	7.7	8.7	9.7	11.2	13.2	15.2
1.08	4.6	5.0	3240	8.04	8.91	1620	5.31	5.71	1074	3.87	4.22	6.1	8.6	9.6	10.6	12.1	14.1	16.1
1.09	4.0	4.4	3207	6.57	7.51	1604	4.30	4.82	1063	3.14	3.57	7.1	9.6	10.6	11.6	13.1	15.1	17.1
1.09	6.0	6.6	3199	10.92	11.91	1600	7.58	7.73	1060	5.53	5.71	---	6.3	7.3	8.3	9.8	11.8	13.8
1.10	5.6	6.2	3181	10.23	11.13	1590	6.96	7.18	1054	5.07	5.30	---	6.9	7.9	8.9	10.4	12.4	14.4
1.10	3.6	4.0	3180	5.51	6.53	1590	3.61	4.21	1054	2.66	3.13	7.7	10.2	11.2	12.2	13.7	15.7	17.7
1.11	5.2	5.8	3160	9.45	10.31	1580	6.33	6.62	1047	4.61	4.89	---	7.5	8.5	9.5	11.0	13.0	15.0
1.11	3.2	3.6	3148	4.38	5.52	1574	2.92	3.59	1043	2.16	2.68	8.3	10.8	11.8	12.8	14.3	16.3	18.3
1.12	4.8	5.4	3137	8.60	9.46	1568	5.69	6.05	1040	4.14	4.47	5.6	8.1	9.1	10.1	11.6	13.6	15.6
1.12	3.0	3.4	3130	3.80	5.00	1565	2.56	3.27	1037	1.91	2.46	8.6	11.1	12.1	13.1	14.6	16.6	18.6
1.13	4.2	4.8	3095	7.18	8.10	1547	4.69	5.17	1026	3.42	3.83	6.6	9.1	10.1	11.1	12.6	14.6	16.6
1.13	5.6	6.4	3087	10.31	11.21	1544	7.00	7.22	1023	5.10	5.33	---	6.7	7.7	8.7	10.2	12.2	14.2
1.14	3.8	4.4	3061	6.16	7.14	1530	4.02	4.57	1014	2.94	3.39	7.2	9.7	10.7	11.7	13.2	15.2	17.2
1.15	5.0	5.8	3047	9.12	9.97	1523	6.05	6.38	1010	4.40	4.70	---	7.7	8.7	9.7	11.2	13.2	15.2
1.15	3.6	4.2	3041	5.62	6.65	1521	3.67	4.27	1008	2.69	3.17	7.5	10.0	11.0	12.0	13.5	15.5	17.5
ARC-LENGTH CORRECTION FACTOR —>												0.74	0.79	0.81	0.82	0.84	0.87	0.89
1.16	6.0	7.0	3026	11.07	12.06	1513	7.65	7.80	1003	5.58	5.75	---	---	6.9	7.9	9.4	11.4	13.4
1.16	3.4	4.0	3021	5.07	6.15	1510	3.33	3.96	1001	2.45	2.95	7.8	10.3	11.3	12.3	13.8	15.8	17.8
1.16	4.6	5.4	3016	8.23	9.10	1508	5.40	5.80	999	3.93	4.28	5.8	8.3	9.3	10.3	11.8	13.8	15.8
1.17	3.2	3.8	2998	4.50	5.64	1499	2.98	3.65	993	2.20	2.72	8.1	10.7	11.7	12.7	14.2	16.2	18.2
1.18	3.0	3.6	2972	3.92	5.12	1486	2.62	3.34	985	1.95	2.50	8.5	11.0	12.0	13.0	14.5	16.5	18.5
1.18	4.0	4.8	2959	6.77	7.71	1480	4.40	4.92	981	3.21	3.64	6.7	9.2	10.2	11.2	12.7	14.7	16.7
1.19	5.0	6.0	2951	9.19	10.04	1476	6.09	6.41	978	4.43	4.73	---	7.5	8.5	9.5	11.0	13.0	15.0
1.19	3.8	4.6	2938	6.25	7.23	1469	4.06	4.62	974	2.97	3.42	7.0	9.5	10.5	11.5	13.0	15.1	17.1
1.21	3.4	4.2	2889	5.16	6.24	1444	3.37	4.01	957	2.48	2.98	7.7	10.2	11.2	12.2	13.7	15.7	17.7
1.22	5.2	6.4	2881	9.66	10.53	1440	6.44	6.73	955	4.68	4.96	---	7.0	8.0	9.0	10.5	12.5	14.5
1.23	4.0	5.0	2849	6.84	7.78	1425	4.44	4.95	944	3.23	3.66	6.6	9.1	10.1	11.1	12.6	14.6	16.6
1.23	5.6	7.0	2836	10.48	11.39	1418	7.09	7.31	940	5.16	5.38	---	6.2	7.2	8.2	9.7	11.7	13.7
1.24	3.0	3.8	2830	4.02	5.21	1415	2.67	3.38	938	1.98	2.53	8.3	10.8	11.8	12.8	14.3	16.3	18.3
1.24	3.8	4.8	2824	6.32	7.30	1412	4.10	4.65	936	2.99	3.44	6.9	9.4	10.4	11.4	12.9	14.9	16.9
1.24	4.6	5.8	2820	8.36	9.23	1410	5.47	5.87	935	3.97	4.33	5.5	8.0	9.0	10.0	11.5	13.5	15.5
1.25	5.2	6.6	2798	9.71	10.57	1399	6.46	6.75	927	4.70	4.97	---	6.9	7.9	8.9	10.4	12.4	14.4
1.26	4.2	5.4	2773	7.40	8.31	1387	4.80	5.28	919	3.50	3.90	6.1	8.6	9.6	10.6	12.1	14.1	16.1
1.27	6.4	8.2	2766	11.86	12.98	1383	8.35	8.44	917	6.10	6.22	---	---	---	---	8.1	10.1	12.2
1.27	4.8	6.2	2755	8.86	9.72	1378	5.82	6.18	913	4.23	4.55	---	7.5	8.5	9.5	11.0	13.0	15.0
1.28	4.6	6.0	2732	8.41	9.28	1366	5.49	5.89	905	3.99	4.34	5.3	7.8	8.8	9.8	11.3	13.3	15.3
1.29	3.8	5.0	2719	6.38	7.36	1360	4.13	4.68	901	3.01	3.46	6.7	9.2	10.2	11.2	12.7	14.7	16.7
1.30	3.0	4.0	2701	4.09	5.28	1350	2.71	3.42	895	2.01	2.55	8.1	10.6	11.6	12.6	14.1	16.1	18.1
1.30	3.6	4.8	2689	5.84	6.87	1345	3.78	4.38	891	2.77	3.24	7.0	9.5	10.5	11.5	13.0	15.0	17.0
1.31	4.8	6.4	2674	8.90	9.76	1337	5.84	6.20	886	4.24	4.57	---	7.3	8.3	9.3	10.8	12.8	14.8
1.32	4.0	5.4	2652	6.95	7.89	1326	4.49	5.01	879	3.27	3.70	6.2	8.7	9.7	10.7	12.3	14.3	16.3
1.32	5.2	7.0	2646	9.79	10.65	1323	6.50	6.79	877	4.72	5.00	---	6.5	7.5	8.5	10.0	12.0	14.0
1.33	5.6	7.6	2623	10.59	11.50	1311	7.15	7.36	869	5.20	5.42	---	---	6.7	7.7	9.2	11.2	13.3
1.34	3.2	4.4	2621	4.72	5.86	1311	3.09	3.76	869	2.27	2.80	7.7	10.2	11.2	12.2	13.7	15.7	17.7
1.34	6.0	8.2	2603	11.31	12.31	1301	7.78	7.93	863	5.66	5.84	---	---	---	6.9	8.4	10.4	12.5
1.35	4.2	5.8	2594	7.49	8.40	1297	4.85	5.32	860	3.52	3.93	5.7	8.3	9.3	10.3	11.8	13.8	15.8
ARC-LENGTH CORRECTION FACTOR —>												0.74	0.78	0.80	0.82	0.84	0.87	0.89

NOTE: Selection program VIA-VISA available at www.ptwizd.com.

SELECTION



A S-L CLASSIC AX CLASSIC COG STOCK DRIVE SELECTIONS

Ratio	Belt Size/Center Distance																		
	A48 AX48	A51 AX51	A53 AX53	A55 AX55	A60 AX60	A64 AX64	A66 AX66	A68 AX68	A71 AX71	A75 AX75	A78 AX78	A80 AX80	A85 AX85	A90 AX90	A96 AX96	A105 AX105	A112 AX112	A120 AX120	A128 AX128
1.00	19.9	21.4	22.4	23.4	25.9	27.9	28.9	29.9	31.4	33.4	34.9	35.9	38.4	40.9	43.9	48.4	51.9	55.9	59.9
1.00	19.3	20.8	21.8	22.8	25.3	27.3	28.3	29.3	30.8	32.8	34.3	35.3	37.8	40.3	43.3	47.8	51.3	55.3	59.3
1.00	18.7	20.2	21.2	22.2	24.7	26.7	27.7	28.7	30.2	32.2	33.7	34.7	37.2	39.7	42.7	47.2	50.7	54.7	58.7
1.00	18.1	19.6	20.6	21.6	24.1	26.1	27.1	28.1	29.6	31.6	33.1	34.1	36.6	39.1	42.1	46.6	50.1	54.1	58.1
1.00	17.4	18.9	19.9	20.9	23.4	25.4	26.4	27.4	28.9	30.9	32.4	33.4	35.9	38.4	41.4	45.9	49.4	53.4	57.4
1.00	16.8	18.3	19.3	20.3	22.8	24.8	25.8	26.8	28.3	30.3	31.8	32.8	35.3	37.8	40.8	45.3	48.8	52.8	56.8
1.00	16.5	18.0	19.0	20.0	22.5	24.5	25.5	26.5	28.0	30.0	31.5	32.5	35.0	37.5	40.5	45.0	48.5	52.5	56.5
1.00	15.2	16.7	17.7	18.7	21.2	23.2	24.2	25.2	26.7	28.7	30.2	31.2	33.7	36.2	39.2	43.7	47.2	51.2	55.2
1.00	13.7	15.2	16.2	17.2	19.7	21.7	22.7	23.7	25.2	27.2	28.7	29.7	32.2	34.7	37.7	42.2	45.7	49.7	53.7
1.03	15.7	17.2	18.2	19.2	21.7	23.7	24.7	25.7	27.2	29.2	30.7	31.7	34.2	36.7	39.7	44.2	47.7	51.7	55.7
1.04	16.6	18.1	19.1	20.1	22.6	24.6	25.6	26.6	28.1	30.1	31.6	32.6	35.1	37.6	40.6	45.1	48.6	52.6	56.6
1.04	17.9	19.4	20.4	21.4	23.9	25.9	26.9	27.9	29.4	31.4	32.9	33.9	36.4	38.9	41.9	46.4	49.9	53.9	57.9
1.05	18.8	20.3	21.3	22.3	24.8	26.8	27.8	28.8	30.3	32.3	33.8	34.8	37.3	39.8	42.8	47.3	50.8	54.8	58.8
1.06	19.8	21.3	22.3	23.3	25.8	27.8	28.8	29.8	31.3	33.3	34.8	35.8	38.3	40.8	43.8	48.3	51.8	55.8	59.8
1.06	14.9	16.4	17.4	18.4	20.9	22.9	23.9	24.9	26.4	28.4	29.9	30.9	33.4	35.9	38.9	43.4	46.9	50.9	54.9
1.07	16.2	17.7	18.7	19.7	22.2	24.2	25.2	26.2	27.7	29.7	31.2	32.2	34.7	37.2	40.2	44.7	48.2	52.2	56.2
1.08	17.1	18.6	19.6	20.6	23.1	25.1	26.1	27.1	28.6	30.6	32.1	33.1	35.6	38.1	41.1	45.6	49.1	53.1	57.1
1.09	18.1	19.6	20.6	21.6	24.1	26.1	27.1	28.1	29.6	31.6	33.1	34.1	36.6	39.1	42.1	46.6	50.1	54.1	58.1
1.09	14.8	16.3	17.3	18.3	20.8	22.8	23.8	24.8	26.3	28.3	29.8	30.8	33.3	35.8	38.8	43.3	46.8	50.8	54.8
1.10	15.4	16.9	17.9	18.9	21.4	23.4	24.4	25.4	26.9	28.9	30.4	31.4	33.9	36.4	39.4	43.9	47.4	51.4	55.4
1.10	18.7	20.2	21.2	22.2	24.7	26.7	27.7	28.7	30.2	32.2	33.7	34.7	37.2	39.7	42.7	47.2	50.7	54.7	58.7
1.11	16.0	17.5	18.5	19.5	22.0	24.0	25.0	26.0	27.5	29.5	31.0	32.0	34.5	37.0	40.0	44.5	48.0	52.0	56.0
1.11	19.3	20.8	21.8	22.8	25.3	27.3	28.3	29.3	30.8	32.8	34.3	35.3	37.8	40.3	43.3	47.8	51.3	55.3	59.3
1.12	16.6	18.1	19.1	20.1	22.6	24.6	25.6	26.6	28.1	30.1	31.6	32.6	35.1	37.6	40.6	45.1	48.6	52.6	56.6
1.12	19.6	21.1	22.1	23.1	25.6	27.6	28.6	29.6	31.1	33.1	34.6	35.6	38.1	40.6	43.6	48.1	51.6	55.6	59.6
1.13	17.6	19.1	20.1	21.1	23.6	25.6	26.6	27.6	29.1	31.1	32.6	33.6	36.1	38.6	41.6	46.1	49.6	53.6	57.6
1.13	15.2	16.7	17.7	18.7	21.2	23.2	24.2	25.2	26.7	28.7	30.2	31.2	33.7	36.2	39.2	43.7	47.2	51.2	55.2
1.14	18.2	19.7	20.7	21.7	24.2	26.2	27.2	28.2	29.7	31.7	33.2	34.2	36.7	39.2	42.2	46.7	50.2	54.2	58.2
1.15	16.2	17.7	18.7	19.7	22.2	24.2	25.2	26.2	27.7	29.7	31.2	32.2	34.7	37.2	40.2	44.7	48.2	52.2	56.2
1.15	18.5	20.0	21.0	22.0	24.5	26.5	27.5	28.5	30.0	32.0	33.5	34.5	37.0	39.5	42.5	47.0	50.5	54.5	58.5
	0.90	0.92	0.93	0.94	0.96	0.97	0.99	1.00	1.01	1.02	1.03	1.04	1.06	1.07	1.09	1.12	1.13	1.15	1.17
1.16	14.4	15.9	16.9	17.9	20.4	22.4	23.4	24.4	25.9	27.9	29.4	30.4	32.9	35.4	38.4	42.9	46.4	50.4	54.4
1.16	18.8	20.3	21.3	22.3	24.8	26.8	27.8	28.8	30.3	32.3	33.8	34.8	37.3	39.8	42.8	47.3	50.8	54.8	58.8
1.16	16.8	18.3	19.3	20.3	22.8	24.8	25.8	26.8	28.3	30.3	31.8	32.8	35.3	37.8	40.8	45.3	48.8	52.8	56.8
1.17	19.2	20.7	21.7	22.7	25.2	27.2	28.2	29.2	30.7	32.7	34.2	35.2	37.7	40.2	43.2	47.7	51.2	55.2	59.2
1.18	19.5	21.0	22.0	23.0	25.5	27.5	28.5	29.5	31.0	33.0	34.5	35.5	38.0	40.5	43.5	48.0	51.5	55.5	59.5
1.18	17.7	19.2	20.2	21.2	23.7	25.7	26.7	27.7	29.2	31.2	32.7	33.7	36.2	38.7	41.7	46.2	49.7	53.7	57.7
1.19	16.0	17.5	18.5	19.5	22.0	24.0	25.0	26.0	27.5	29.5	31.0	32.0	34.5	37.0	40.0	44.5	48.0	52.0	56.0
1.19	18.1	19.6	20.6	21.6	24.1	26.1	27.1	28.1	29.6	31.6	33.1	34.1	36.6	39.1	42.1	46.6	50.1	54.1	58.1
1.21	18.7	20.2	21.2	22.2	24.7	26.7	27.7	28.7	30.2	32.2	33.7	34.7	37.2	39.7	42.7	47.2	50.7	54.7	58.7
1.22	15.5	17.0	18.0	19.0	21.5	23.5	24.5	25.5	27.0	29.0	30.5	31.5	34.0	36.5	39.5	44.0	47.5	51.5	55.5
1.23	17.6	19.1	20.1	21.1	23.6	25.6	26.6	27.6	29.1	31.1	32.6	33.6	36.1	38.6	41.6	46.1	49.6	53.6	57.6
1.23	14.7	16.2	17.2	18.2	20.7	22.7	23.7	24.7	26.2	28.2	29.7	30.7	33.2	35.7	38.7	43.2	46.7	50.7	54.7
1.24	19.3	20.8	21.8	22.8	25.3	27.3	28.3	29.3	30.8	32.8	34.3	35.3	37.8	40.3	43.3	47.8	51.3	55.3	59.3
1.24	17.9	19.4	20.4	21.4	23.9	25.9	26.9	27.9	29.4	31.4	32.9	33.9	36.4	38.9	41.9	46.4	49.9	53.9	57.9
1.24	16.5	18.0	19.0	20.0	22.5	24.5	25.5	26.5	28.0	30.0	31.5	32.5	35.0	37.5	40.5	45.0	48.5	52.5	56.5
1.25	15.4	16.9	17.9	18.9	21.4	23.4	24.4	25.4	26.9	28.9	30.4	31.4	33.9	36.4	39.4	43.9	47.4	51.4	55.4
1.26	17.1	18.6	19.6	20.6	23.1	25.1	26.1	27.1	28.6	30.6	32.1	33.1	35.6	38.1	41.1	45.6	49.1	53.1	57.1
1.27	13.2	14.7	15.7	16.7	19.2	21.2	22.2	23.2	24.7	26.7	28.2	29.2	31.7	34.2	37.2	41.7	45.2	49.2	53.2
1.27	16.0	17.5	18.5	19.5	22.0	24.0	25.0	26.0	27.5	29.5	31.0	32.0	34.5	37.0	40.0	44.5	48.0	52.0	56.0
1.28	16.3	17.8	18.8	19.8	22.3	24.3	25.3	26.3	27.8	29.8	31.3	32.3	34.8	37.3	40.3	44.8	48.3	52.3	56.3
1.29	17.7	19.2	20.2	21.2	23.7	25.7	26.7	27.7	29.2	31.2	32.7	33.7	36.2	38.7	41.7	46.2	49.7	53.7	57.7
1.30	19.1	20.6	21.6	22.6	25.1	27.1	28.1	29.1	30.6	32.6	34.1	35.1	37.6	40.1	43.1	47.6	51.1	55.1	59.1
1.30	18.0	19.5	20.5	21.5	24.0	26.0	27.0	28.0	29.5	31.5	33.1	34.1	36.6	39.1	42.1	46.6	50.1	54.1	58.1
1.31	15.8	17.3	18.3	19.3	21.8	23.8	24.8	25.8	27.3	29.3	30.8	31.8	34.3	36.8	39.8	44.4	47.9	51.9	55.9
1.32	17.3	18.8	19.8	20.8	23.3	25.3	26.3	27.3	28.8	30.8	32.3								

NOTE: Selection program VIA-VISA available at www.ptwizord.com.



SELECTION

A S-L CLASSIC AX CLASSIC COG STOCK DRIVE SELECTIONS

Ratio	Stock Shv.		3500 RPM Driver			1750 RPM Driver			1160 RPM Driver			Belt Size/Center Distance						
	Datum Diam.		Driven RPM	HP Per Belt		Driven RPM	HP Per Belt		Driven RPM	HP Per Belt		A26 AX26	A31 AX31	A33 AX33	A35 AX35	A38 AX38	A42 AX42	A46 AX46
	Driver	Driven		A	AX		A	AX		A	AX							
1.36	3.0	4.2	2583	4.14	5.34	1291	2.73	3.44	856	2.02	2.57	8.0	10.5	11.5	12.5	14.0	16.0	18.0
1.36	4.6	6.4	2571	8.48	9.35	1285	5.53	5.93	852	4.01	4.37	---	7.5	8.5	9.5	11.0	13.0	15.0
1.37	5.0	7.0	2551	9.40	10.26	1276	6.19	6.52	846	4.50	4.80	---	6.7	7.7	8.7	10.2	12.2	14.2
1.38	3.8	5.4	2531	6.46	7.45	1266	4.17	4.72	839	3.04	3.49	6.4	8.9	9.9	10.9	12.4	14.4	16.4
1.38	6.4	9.0	2530	11.97	13.09	1265	8.41	8.49	838	6.13	6.25	---	---	---	---	7.4	9.5	11.5
1.40	4.6	6.6	2497	8.51	9.38	1249	5.54	5.94	828	4.02	4.38	---	7.3	8.3	9.3	10.8	12.8	14.8
1.40	3.6	5.2	2496	5.92	6.95	1248	3.82	4.42	827	2.79	3.27	6.7	9.2	10.2	11.2	12.7	14.7	16.7
1.41	3.0	4.4	2475	4.18	5.38	1237	2.75	3.47	820	2.04	2.58	7.8	10.3	11.3	12.3	13.8	15.8	17.8
1.42	4.8	7.0	2457	8.99	9.85	1228	5.88	6.25	814	4.27	4.60	---	6.8	7.8	8.8	10.3	12.3	14.3
1.43	5.6	8.2	2439	10.66	11.57	1220	7.18	7.40	808	5.22	5.44	---	---	---	7.2	8.7	10.7	12.8
1.44	4.2	6.2	2436	7.55	8.46	1218	4.88	5.35	807	3.54	3.95	5.4	7.9	8.9	9.9	11.4	13.4	15.5
1.45	3.2	4.8	2419	4.80	5.94	1209	3.13	3.80	802	2.30	2.82	7.3	9.8	10.8	11.8	13.3	15.3	17.4
1.47	3.0	4.6	2376	4.22	5.41	1188	2.77	3.48	787	2.05	2.60	7.6	10.2	11.2	12.2	13.7	15.7	17.7
1.48	3.8	5.8	2367	6.52	7.50	1184	4.20	4.75	785	3.06	3.51	6.0	8.6	9.6	10.6	12.1	14.1	16.1
1.48	4.6	7.0	2362	8.56	9.43	1181	5.56	5.97	783	4.04	4.39	---	6.9	8.0	9.0	10.5	12.5	14.5
1.50	4.0	6.2	2330	7.07	8.01	1165	4.55	5.07	772	3.31	3.74	5.5	8.1	9.1	10.1	11.6	13.6	15.6
1.50	3.2	5.0	2329	4.83	5.97	1164	3.14	3.81	772	2.31	2.83	7.2	9.7	10.7	11.7	13.2	15.2	17.2
1.53	3.4	5.4	2289	5.42	6.50	1144	3.50	4.14	759	2.56	3.07	6.7	9.2	10.2	11.2	12.7	14.7	16.7
1.53	3.0	4.8	2284	4.24	5.44	1142	2.78	3.50	757	2.06	2.60	7.5	10.0	11.0	12.0	13.5	15.5	17.5
1.54	5.2	8.2	2276	9.92	10.79	1138	6.57	6.86	754	4.77	5.04	---	---	6.5	7.5	9.0	11.0	13.0
1.55	4.0	6.4	2261	7.08	8.03	1131	4.56	5.08	749	3.32	3.74	5.4	7.9	8.9	9.9	11.4	13.4	15.4
1.56	3.2	5.2	2246	4.85	5.99	1123	3.15	3.82	744	2.32	2.84	7.0	9.5	10.5	11.5	13.0	15.0	17.0
1.57	5.6	9.0	2231	10.73	11.64	1116	7.21	7.43	740	5.24	5.46	---	---	---	---	8.0	10.0	12.1
1.59	3.0	5.0	2199	4.27	5.46	1099	2.79	3.51	729	2.06	2.61	7.3	9.8	10.8	11.8	13.3	15.3	17.3
1.59	4.0	6.6	2196	7.10	8.05	1098	4.57	5.08	728	3.32	3.75	---	7.7	8.7	9.7	11.3	13.3	15.3
1.59	5.0	8.2	2195	9.51	10.37	1097	6.25	6.58	727	4.53	4.84	---	---	6.6	7.6	9.1	11.2	13.2
1.60	3.6	6.0	2183	6.02	7.05	1092	3.87	4.47	724	2.82	3.30	6.0	8.5	9.5	10.5	12.1	14.1	16.1
1.61	4.2	7.0	2172	7.62	8.54	1086	4.91	5.39	720	3.57	3.97	---	7.2	8.2	9.3	10.8	12.8	14.8
1.61	3.2	5.4	2168	4.87	6.01	1084	3.16	3.83	718	2.32	2.85	6.8	9.3	10.3	11.3	12.9	14.9	16.9
1.65	3.0	5.2	2120	4.28	5.48	1060	2.80	3.52	703	2.07	2.62	7.1	9.7	10.7	11.7	13.2	15.2	17.2
ARC-LENGTH CORRECTION FACTOR ➡												0.73	0.78	0.80	0.81	0.83	0.86	0.89
1.65	3.6	6.2	2117	6.03	7.06	1059	3.88	4.47	702	2.83	3.31	5.8	8.4	9.4	10.4	11.9	13.9	15.9
1.66	4.8	8.2	2113	9.09	9.95	1057	5.93	6.29	700	4.30	4.63	---	---	6.7	7.8	9.3	11.3	13.3
1.67	3.8	6.6	2096	6.59	7.57	1048	4.23	4.79	695	3.08	3.53	5.3	7.9	8.9	9.9	11.4	13.4	15.4
1.68	5.2	9.0	2082	9.97	10.83	1041	6.59	6.88	690	4.78	5.06	---	---	---	6.7	8.3	10.3	12.4
1.69	3.4	6.0	2074	5.47	6.55	1037	3.53	4.16	687	2.58	3.08	6.1	8.7	9.7	10.7	12.2	14.2	16.2
1.71	3.0	5.4	2047	4.30	5.49	1023	2.81	3.52	678	2.08	2.62	7.0	9.5	10.5	11.5	13.0	15.0	17.0
1.72	6.0	10.6	2034	11.48	12.47	1017	7.86	8.01	674	5.72	5.89	---	---	---	---	---	8.3	10.4
1.72	4.6	8.2	2031	8.64	9.51	1016	5.60	6.01	673	4.07	4.42	---	---	6.9	7.9	9.4	11.5	13.5
1.74	3.4	6.2	2011	5.49	6.57	1005	3.53	4.17	666	2.59	3.09	5.9	8.5	9.5	10.5	12.0	14.0	16.1
1.77	3.8	7.0	1982	6.61	7.59	991	4.24	4.80	657	3.09	3.54	---	7.5	8.5	9.5	11.1	13.1	15.1
1.77	3.0	5.6	1978	4.31	5.51	989	2.82	3.53	656	2.08	2.63	6.8	9.3	10.3	11.3	12.8	14.8	16.8
1.79	3.4	6.4	1951	5.50	6.58	976	3.54	4.17	647	2.59	3.09	5.8	8.3	9.3	10.3	11.9	13.9	15.9
1.81	4.8	9.0	1933	9.12	9.98	966	5.95	6.31	641	4.31	4.64	---	---	---	7.0	8.6	10.6	12.6
1.82	4.0	7.6	1921	7.15	8.10	961	4.59	5.11	637	3.34	3.77	---	6.8	7.8	8.9	10.4	12.4	14.4
1.83	3.0	5.8	1914	4.32	5.52	957	2.82	3.53	634	2.08	2.63	6.6	9.1	10.1	11.2	12.7	14.7	16.7
1.84	5.6	10.6	1906	10.79	11.70	953	7.25	7.46	632	5.26	5.49	---	---	---	---	---	8.6	10.6
1.85	3.4	6.6	1895	5.51	6.58	948	3.54	4.18	628	2.59	3.09	5.6	8.1	9.2	10.2	11.7	13.7	15.7
1.87	4.2	8.2	1868	7.68	8.59	934	4.94	5.42	619	3.59	3.99	---	6.1	7.1	8.2	9.7	11.7	13.8
1.88	4.6	9.0	1858	8.67	9.53	929	5.62	6.02	616	4.07	4.43	---	---	---	7.1	8.7	10.7	12.8
1.89	3.0	6.0	1854	4.33	5.53	927	2.83	3.54	615	2.09	2.63	6.4	9.0	10.0	11.0	12.5	14.5	16.5
1.91	3.8	7.6	1833	6.63	7.62	917	4.25	4.81	608	3.10	3.55	---	6.9	8.0	9.0	10.5	12.6	14.6
1.95	3.0	6.2	1798	4.34	5.53	899	2.83	3.54	596	2.09	2.64	6.2	8.8	9.8	10.8	12.3	14.3	16.3
1.95	3.4	7.0	1793	5.52	6.60	896	3.55	4.18	594	2.60	3.10	5.2	7.8	8.8	9.8	11.3	13.4	15.4
1.96	4.0	8.2	1787	7.17	8.12	893	4.60	5.12	592	3.35	3.77	---	6.2	7.3	8.3	9.8	11.9	13.9
1.97	5.2	10.6	1779	10.01	10.88	889	6.61	6.90	590	4.80	5.07	---	---	---	---	---	8.8	10.9
2.00	6.4	13.2	1747	12.15	13.27	874	8.50	8.58	579	6.19	6.31	---	---	---	---	---	---	---
2.01	3.6	7.6	1746	6.09	7.12	873	3.91	4.50	579	2.85	3.33	---	7.1	8.1	9.1	10.7	12.7	14.7
2.01	3.0	6.4	1745	4.34	5.54	872	2.83	3.55	578	2.09	2.64	6.0	8.6	9.6	10.6	12.2	14.2	16.2
2.04	5.0	10.6	1715	9.59	10.45	857	6.29	6.62	568	4.56	4.86	---	---	---	---	---	9.0	11.0
2.05	3.8	8.2	1705	6.65	7.63	853	4.26	4.82	565	3.10	3.55	---	6.3	7.4	8.4	10.0	12.0	14.1
ARC-LENGTH CORRECTION FACTOR ➡												0.73	0.78	0.80	0.81	0.83	0.86	0.89

NOTE: Selection program VIA-VISA available at www.ptwizd.com.

SELECTION



A	S-L CLASSIC	AX	CLASSIC COG	STOCK DRIVE SELECTIONS															
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Ratio	Belt Size/Center Distance																		
	A48 AX48	A51 AX51	A53 AX53	A55 AX55	A60 AX60	A64 AX64	A66 AX66	A68 AX68	A71 AX71	A75 AX75	A78 AX78	A80 AX80	A85 AX85	A90 AX90	A96 AX96	A105 AX105	A112 AX112	A120 AX120	A128 AX128
1.36	19.0	20.5	21.5	22.5	25.0	27.0	28.0	29.0	30.5	32.5	34.0	35.0	37.5	40.0	43.0	47.5	51.0	55.0	59.0
1.36	16.0	17.5	18.5	19.5	22.0	24.0	25.0	26.0	27.5	29.5	31.0	32.0	34.5	37.0	40.0	44.5	48.0	52.0	56.0
1.37	15.2	16.7	17.7	18.7	21.2	23.2	24.2	25.2	26.7	28.7	30.2	31.2	33.7	36.2	39.2	43.7	47.2	51.2	55.2
1.38	17.4	18.9	19.9	20.9	23.4	25.4	26.4	27.4	28.9	30.9	32.4	33.4	35.9	38.4	41.4	45.9	49.4	53.4	57.4
1.38	12.5	14.0	15.0	16.0	18.5	20.5	21.5	22.5	24.0	26.0	27.5	28.5	31.0	33.5	36.5	41.0	44.5	48.5	52.5
1.40	15.8	17.3	18.3	19.3	21.8	23.8	24.8	25.8	27.3	29.3	30.8	31.8	34.3	36.8	39.8	44.3	47.8	51.8	55.8
1.40	17.7	19.2	20.2	21.2	23.7	25.7	26.7	27.7	29.2	31.2	32.7	33.7	36.2	38.7	41.7	46.2	49.7	53.7	57.7
1.41	18.8	20.3	21.3	22.3	24.8	26.8	27.8	28.8	30.3	32.3	33.8	34.8	37.3	39.8	42.8	47.3	50.8	54.8	58.8
1.42	15.3	16.9	17.9	18.9	21.4	23.4	24.4	25.4	26.9	28.9	30.4	31.4	33.9	36.4	39.4	43.9	47.4	51.4	55.4
1.43	13.8	15.3	16.3	17.3	19.8	21.8	22.8	23.8	25.3	27.3	28.8	29.8	32.3	34.8	37.8	42.3	45.8	49.8	53.8
1.44	16.5	18.0	19.0	20.0	22.5	24.5	25.5	26.5	28.0	30.0	31.5	32.5	35.0	37.5	40.5	45.0	48.5	52.5	56.5
1.45	18.4	19.9	20.9	21.9	24.4	26.4	27.4	28.4	29.9	31.9	33.4	34.4	36.9	39.4	42.4	46.9	50.4	54.4	58.4
1.47	18.7	20.2	21.2	22.2	24.7	26.7	27.7	28.7	30.2	32.2	33.7	34.7	37.2	39.7	42.7	47.2	50.7	54.7	58.7
1.48	17.1	18.6	19.6	20.6	23.1	25.1	26.1	27.1	28.6	30.6	32.1	33.1	35.6	38.1	41.1	45.6	49.1	53.1	57.1
1.48	15.5	17.0	18.0	19.0	21.5	23.5	24.5	25.5	27.0	29.0	30.5	31.5	34.0	36.5	39.5	44.0	47.5	51.5	55.5
1.50	16.6	18.1	19.1	20.1	22.6	24.6	25.6	26.6	28.1	30.1	31.6	32.6	35.1	37.6	40.6	45.1	48.6	52.6	56.6
1.50	18.2	19.7	20.7	21.7	24.2	26.2	27.2	28.2	29.7	31.7	33.2	34.2	36.7	39.2	42.2	46.7	50.2	54.2	58.2
1.53	17.7	19.2	20.2	21.2	23.7	25.7	26.7	27.7	29.2	31.2	32.7	33.7	36.2	38.7	41.7	46.2	49.7	53.7	57.7
1.53	18.5	20.0	21.0	22.0	24.5	26.5	27.5	28.5	30.0	32.0	33.5	34.5	37.0	39.5	42.5	47.0	50.5	54.5	58.5
1.54	14.1	15.6	16.6	17.6	20.1	22.1	23.1	24.1	25.6	27.6	29.1	30.1	32.6	35.1	38.1	42.6	46.1	50.1	54.1
1.55	16.4	17.9	18.9	19.9	22.5	24.5	25.5	26.5	28.0	30.0	31.5	32.5	35.0	37.5	40.5	45.0	48.5	52.5	56.5
1.56	18.0	19.5	20.5	21.5	24.0	26.0	27.0	28.0	29.5	31.5	33.0	34.0	36.5	39.0	42.0	46.5	50.0	54.0	58.0
1.57	13.1	14.6	15.6	16.6	19.1	21.1	22.1	23.1	24.6	26.6	28.1	29.1	31.6	34.1	37.2	41.7	45.2	49.2	53.2
1.59	18.3	19.8	20.8	21.8	24.3	26.4	27.4	28.4	29.9	31.9	33.4	34.4	36.9	39.4	42.4	46.9	50.4	54.4	58.4
1.59	16.3	17.8	18.8	19.8	22.3	24.3	25.3	26.3	27.8	29.8	31.3	32.3	34.8	37.3	40.3	44.8	48.3	52.3	56.3
1.59	14.2	15.7	16.7	17.7	20.2	22.2	23.2	24.2	25.7	27.7	29.2	30.2	32.7	35.3	38.3	42.8	46.3	50.3	54.3
1.60	17.1	18.6	19.6	20.6	23.1	25.1	26.1	27.1	28.6	30.6	32.1	33.1	35.6	38.1	41.1	45.6	49.1	53.1	57.1
1.61	15.8	17.3	18.3	19.3	21.8	23.8	24.8	25.8	27.3	29.3	30.8	31.8	34.3	36.8	39.8	44.3	47.8	51.8	55.8
1.61	17.9	19.4	20.4	21.4	23.9	25.9	26.9	27.9	29.4	31.4	32.9	33.9	36.4	38.9	41.9	46.4	49.9	53.9	57.9
1.65	18.2	19.7	20.7	21.7	24.2	26.2	27.2	28.2	29.7	31.7	33.2	34.2	36.7	39.2	42.2	46.7	50.2	54.2	58.2
	0.90	0.91	0.93	0.94	0.96	0.97	0.98	0.99	1.00	1.02	1.03	1.04	1.05	1.07	1.09	1.11	1.13	1.15	1.17
1.65	16.9	18.4	19.4	20.4	22.9	24.9	25.9	26.9	28.4	30.4	31.9	32.9	35.4	37.9	40.9	45.4	48.9	52.9	56.9
1.66	14.3	15.9	16.9	17.9	20.4	22.4	23.4	24.4	25.9	27.9	29.4	30.4	32.9	35.4	38.4	42.9	46.4	50.4	54.4
1.67	16.4	17.9	18.9	19.9	22.4	24.4	25.4	26.4	28.0	30.0	31.5	32.5	35.0	37.5	40.5	45.0	48.5	52.5	56.5
1.68	13.4	14.9	15.9	16.9	19.4	21.4	22.4	23.4	24.9	26.9	28.4	29.4	31.9	34.5	37.5	42.0	45.5	49.5	53.5
1.69	17.2	18.7	19.7	20.7	23.2	25.2	26.2	27.2	28.7	30.7	32.2	33.2	35.7	38.2	41.3	45.8	49.3	53.3	57.3
1.71	18.0	19.5	20.5	21.5	24.0	26.0	27.0	28.0	29.5	31.5	33.0	34.0	36.5	39.0	42.0	46.5	50.0	54.0	58.0
1.72	11.4	12.9	13.9	14.9	17.5	19.5	20.5	21.5	23.0	25.0	26.5	27.5	30.0	32.5	35.5	40.1	43.6	47.6	51.6
1.72	14.5	16.0	17.0	18.0	20.5	22.5	23.5	24.5	26.0	28.0	29.5	30.5	33.1	35.6	38.6	43.1	46.6	50.6	54.6
1.74	17.1	18.6	19.6	20.6	23.1	25.1	26.1	27.1	28.6	30.6	32.1	33.1	35.6	38.1	41.1	45.6	49.1	53.1	57.1
1.77	16.1	17.6	18.6	19.6	22.1	24.1	25.1	26.1	27.6	29.6	31.1	32.1	34.6	37.1	40.1	44.6	48.1	52.1	56.1
1.77	17.9	19.4	20.4	21.4	23.9	25.9	26.9	27.9	29.4	31.4	32.9	33.9	36.4	38.9	41.9	46.4	49.9	53.9	57.9
1.79	16.9	18.4	19.4	20.4	22.9	24.9	25.9	26.9	28.4	30.4	31.9	32.9	35.4	37.9	40.9	45.4	48.9	52.9	56.9
1.81	13.7	15.2	16.2	17.2	19.7	21.7	22.7	23.7	25.2	27.2	28.7	29.7	32.2	34.8	37.8	42.3	45.8	49.8	53.8
1.82	15.4	16.9	18.0	19.0	21.5	23.5	24.5	25.5	27.0	29.0	30.5	31.5	34.0	36.5	39.5	44.0	47.5	51.5	55.5
1.83	17.7	19.2	20.2	21.2	23.7	25.7	26.7	27.7	29.2	31.2	32.7	33.7	36.2	38.7	41.7	46.2	49.7	53.7	57.7
1.84	11.7	13.2	14.2	15.2	17.8	19.8	20.8	21.8	23.3	25.3	26.8	27.8	30.3	32.8	35.8	40.4	43.9	47.9	51.9
1.85	16.7	18.2	19.2	20.2	22.7	24.7	25.7	26.7	28.2	30.2	31.7	32.7	35.2	37.7	40.7	45.2	48.7	52.7	56.7
1.87	14.8	16.3	17.3	18.3	20.8	22.8	23.8	24.8	26.3	28.3	29.8	30.9	33.4	35.9	38.9	43.4	46.9	50.9	54.9
1.88	13.8	15.3	16.3	17.3	19.9	21.9	22.9	23.9	25.4	27.4	28.9	29.9	32.4	34.9	37.9	42.4	45.9	49.9	53.9
1.89	17.5	19.0	20.0	21.0	23.5	25.5	26.5	27.5	29.0	31.0	32.6	33.6	36.1	38.6	41.6	46.1	49.6	53.6	57.6
1.91	15.6	17.1	18.1	19.1	21.6	23.6	24.6	25.6	27.1	29.1	30.6	31.6	34.1	36.7	39.7	44.2	47.7	51.7	55.7
1.95	17.4	18.9	19.9	20.9	23.4	25.4	26.4	27.4	28.9	30.9	32.4	33.4	35.9	38.4	41.4	45.9	49.4	53.4	57.4
1.95	16.4	17.9	18.9	19.9	22.4	24.4	25.4	26.4	27.9	29.9	31.4	32.4	34.9	37.4	40.4	44.9	48.5	52.5	56.5
1.96	14.9	16.4	17.4	18.5	21.0	23.0	24.0	25.0	26.5	28.5	30.0	31.0	33.5	36.0	39.0	43.5	47.0	51.0	55.0
1.97	11.9	13.5	14.5	15.5	18.0	20.1	21.1	22.1	23.6	25.6	27.1	28.12							

NOTE: Selection program VIA-VISA available at www.ptwizd.com.



SELECTION

A	S-L CLASSIC	AX	CLASSIC COG
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STOCK DRIVE SELECTIONS

Ratio	Stock Shv.		3500 RPM Driver			1750 RPM Driver			1160 RPM Driver			Belt Size/Center Distance						
	Datum Diam.		Driven RPM	HP Per Belt		Driven RPM	HP Per Belt		Driven RPM	HP Per Belt		A26 AX26	A31 AX31	A33 AX33	A35 AX35	A38 AX38	A42 AX42	A46 AX46
	Driver	Driven		A	AX		A	AX		A	AX							
2.07	3.0	6.6	1695	4.35	5.55	847	2.84	3.55	562	2.09	2.64	5.8	8.4	9.4	10.5	12.0	14.0	16.0
2.07	5.6	12.0	1691	10.82	11.73	845	7.26	7.48	560	5.27	5.50	---	---	---	---	---	---	9.3
2.11	3.4	7.6	1658	5.53	6.61	829	3.56	4.19	549	2.60	3.10	---	7.2	8.2	9.3	10.8	12.8	14.9
2.12	4.8	10.6	1651	9.15	10.01	826	5.96	6.33	547	4.32	4.65	---	---	---	---	7.0	9.1	11.2
2.13	6.0	13.2	1644	11.53	12.53	822	7.89	8.04	545	5.74	5.91	---	---	---	---	---	---	---
2.14	4.0	9.0	1634	7.19	8.13	817	4.61	5.13	542	3.35	3.78	---	---	6.5	7.5	9.1	11.2	13.2
2.16	3.6	8.2	1624	6.11	7.13	812	3.91	4.51	538	2.85	3.33	---	6.5	7.5	8.6	10.1	12.2	14.2
2.18	3.0	7.0	1603	4.36	5.55	801	2.84	3.55	531	2.09	2.64	5.4	8.1	9.1	10.1	11.6	13.7	15.7
2.20	4.6	10.6	1587	8.70	9.56	794	5.63	6.04	526	4.08	4.44	---	---	---	---	7.1	9.2	11.3
2.22	5.2	12.0	1578	10.03	10.90	789	6.62	6.91	523	4.80	5.08	---	---	---	---	---	---	9.5
2.23	3.2	7.6	1570	4.96	6.10	785	3.20	3.88	520	2.35	2.88	---	7.3	8.4	9.4	11.0	13.0	15.0
2.27	3.4	8.2	1542	5.55	6.62	771	3.56	4.20	511	2.60	3.11	---	6.6	7.7	8.7	10.3	12.3	14.3
2.30	5.0	12.0	1521	9.61	10.47	761	6.30	6.63	504	4.57	4.87	---	---	---	---	---	---	9.7
2.36	3.6	9.0	1485	6.12	7.15	743	3.92	4.51	492	2.86	3.33	---	---	6.7	7.8	9.4	11.4	13.5
2.36	3.0	7.6	1482	4.37	5.56	741	2.85	3.56	491	2.10	2.65	---	7.5	8.5	9.6	11.1	13.1	15.2
2.39	4.8	12.0	1464	9.17	10.03	732	5.97	6.34	485	4.33	4.66	---	---	---	---	---	---	9.8
2.40	3.2	8.2	1460	4.97	6.10	730	3.21	3.88	484	2.35	2.88	---	6.7	7.8	8.8	10.4	12.4	14.5
2.40	4.2	10.6	1460	7.72	8.63	730	4.96	5.44	484	3.60	4.00	---	---	---	---	7.3	9.5	11.6
2.43	5.2	13.2	1438	10.05	10.91	719	6.63	6.92	477	4.81	5.08	---	---	---	---	---	---	---
2.48	3.4	9.0	1410	5.55	6.63	705	3.57	4.20	467	2.61	3.11	---	---	6.8	7.9	9.5	11.6	13.6
2.49	4.6	12.0	1408	8.71	9.58	704	5.64	6.04	467	4.09	4.44	---	---	---	---	---	7.7	9.9
2.51	4.0	10.6	1396	7.21	8.15	698	4.62	5.14	463	3.36	3.79	---	---	---	---	7.5	9.6	11.7
2.52	5.0	13.2	1387	9.62	10.48	693	6.30	6.63	460	4.57	4.87	---	---	---	---	---	---	---
2.54	3.0	8.2	1379	4.38	5.57	689	2.85	3.56	457	2.10	2.65	---	6.9	7.9	9.0	10.5	12.6	14.6
2.57	5.6	15.0	1361	10.85	11.75	680	7.27	7.49	451	5.28	5.50	---	---	---	---	---	---	---
2.62	3.2	9.0	1336	4.98	6.11	668	3.21	3.89	443	2.36	2.88	---	5.9	7.0	8.1	9.6	11.7	13.8
2.62	4.8	13.2	1335	9.18	10.04	668	5.98	6.34	442	4.33	4.66	---	---	---	---	---	---	8.5
2.63	3.8	10.6	1332	6.68	7.66	666	4.28	4.83	442	3.11	3.56	---	---	---	---	7.6	9.8	11.9
2.67	5.6	15.6	1310	10.85	11.76	655	7.27	7.49	434	5.28	5.51	---	---	---	---	---	---	---
2.70	4.2	12.0	1295	7.73	8.65	647	4.97	5.45	429	3.60	4.01	---	---	---	---	---	8.0	10.2
ARC-LENGTH CORRECTION FACTOR —>												0.70	0.75	0.76	0.79	0.80	0.81	0.84
2.71	6.4	18.0	1291	12.19	13.31	646	8.51	8.60	428	6.20	6.33	---	---	---	---	---	---	---
2.73	4.6	13.2	1284	8.72	9.59	642	5.64	6.05	425	4.09	4.45	---	---	---	---	---	---	8.6
2.76	3.6	10.6	1269	6.13	7.16	634	3.93	4.52	420	2.86	3.34	---	---	---	---	7.7	9.9	12.0
2.78	3.0	9.0	1261	4.38	5.58	631	2.85	3.56	418	2.10	2.65	---	6.0	7.1	8.2	9.8	11.9	13.9
2.83	4.0	12.0	1238	7.22	8.16	619	4.63	5.14	410	3.36	3.79	---	---	---	---	---	8.1	10.3
2.86	5.0	15.0	1224	9.63	10.49	612	6.31	6.64	406	4.57	4.88	---	---	---	---	---	---	---
2.88	6.0	18.0	1215	11.57	12.56	607	7.90	8.05	403	5.75	5.92	---	---	---	---	---	---	---
2.90	3.4	10.6	1205	5.57	6.65	602	3.57	4.21	399	2.61	3.11	---	---	---	---	7.8	10.0	12.1
2.96	3.8	12.0	1182	6.69	7.67	591	4.28	4.84	392	3.11	3.57	---	---	---	---	---	8.2	10.4
2.97	4.8	15.0	1179	9.19	10.05	589	5.98	6.34	391	4.33	4.66	---	---	---	---	---	---	---
3.07	3.2	10.6	1141	4.99	6.12	571	3.22	3.89	378	2.36	2.88	---	---	---	6.2	8.0	10.1	12.3
3.09	4.6	15.0	1133	8.72	9.59	567	5.65	6.05	376	4.09	4.45	---	---	---	---	---	---	---
3.10	4.0	13.2	1129	7.22	8.17	564	4.63	5.14	374	3.36	3.79	---	---	---	---	---	---	9.0
3.11	3.6	12.0	1125	6.14	7.17	563	3.93	4.52	373	2.86	3.34	---	---	---	---	---	8.3	10.6
3.13	6.0	19.6	1118	11.57	12.56	559	7.91	8.06	370	5.75	5.92	---	---	---	---	---	---	---
3.21	4.6	15.6	1091	8.73	9.60	545	5.65	6.05	362	4.10	4.45	---	---	---	---	---	---	---
3.25	3.0	10.6	1077	4.39	5.59	539	2.86	3.57	357	2.11	2.65	---	---	---	6.3	8.1	10.3	12.4
3.25	3.8	13.2	1077	6.69	7.67	539	4.28	4.84	357	3.11	3.57	---	---	---	---	---	---	9.1
3.29	5.2	18.0	1063	10.07	10.93	531	6.64	6.93	352	4.81	5.09	---	---	---	---	---	---	---
3.36	4.2	15.0	1042	7.74	8.66	521	4.97	5.45	345	3.61	4.01	---	---	---	---	---	---	---
3.41	3.6	13.2	1026	6.14	7.17	513	3.93	4.53	340	2.87	3.34	---	---	---	---	---	---	9.2
3.42	5.0	18.0	1024	9.64	10.50	512	6.31	6.64	340	4.58	4.88	---	---	---	---	---	---	---
3.46	3.2	12.0	1012	4.99	6.13	506	3.22	3.89	335	2.36	2.89	---	---	---	---	---	8.6	10.8
3.49	4.2	15.6	1003	7.75	8.66	502	4.97	5.45	332	3.61	4.01	---	---	---	---	---	---	---
3.51	4.0	15.0	997	7.23	8.17	498	4.63	5.15	330	3.36	3.79	---	---	---	---	---	---	---
3.55	4.8	18.0	986	9.19	10.05	493	5.98	6.35	327	4.34	4.66	---	---	---	---	---	---	---
3.58	5.2	19.6	977	10.07	10.93	489	6.64	6.93	324	4.81	5.09	---	---	---	---	---	---	---
3.59	3.4	13.2	974	5.58	6.66	487	3.58	4.21	323	2.62	3.12	---	---	---	---	---	---	9.3
3.65	4.0	15.6	959	7.23	8.17	480	4.63	5.15	318	3.36	3.79	---	---	---	---	---	---	---
3.66	3.0	12.0	956	4.40	5.59	478	2.86	3.57	317	2.11	2.65	---	---	---	---	---	8.7	11.0
ARC-LENGTH CORRECTION FACTOR —>												---	0.71	0.73	0.75	0.77	0.77	0.81

NOTE: Selection program VIA-VISA available at www.ptwizd.com.

SELECTION



A	S-L CLASSIC	AX	CLASSIC COG	STOCK DRIVE SELECTIONS
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Ratio	Belt Size/Center Distance																		
	A48 AX48	A51 AX51	A53 AX53	A55 AX55	A60 AX60	A64 AX64	A66 AX66	A68 AX68	A71 AX71	A75 AX75	A78 AX78	A80 AX80	A85 AX85	A90 AX90	A96 AX96	A105 AX105	A112 AX112	A120 AX120	A128 AX128
2.07	17.0	18.5	19.5	20.5	23.0	25.0	26.1	27.1	28.6	30.6	32.1	33.1	35.6	38.1	41.1	45.6	49.1	53.1	57.1
2.07	10.3	11.9	12.9	14.0	16.5	18.6	19.6	20.6	22.1	24.1	25.6	26.6	29.2	31.7	34.7	39.2	42.7	46.7	50.7
2.11	15.9	17.4	18.4	19.4	21.9	23.9	24.9	25.9	27.4	29.4	30.9	31.9	34.5	37.0	40.0	44.5	48.0	52.0	56.0
2.12	12.2	13.8	14.8	15.8	18.3	20.4	21.4	22.4	23.9	25.9	27.4	28.4	30.9	33.4	36.4	41.0	44.5	48.5	52.5
2.13	---	10.5	11.5	12.6	15.2	17.2	18.2	19.2	20.8	22.8	24.3	25.3	27.8	30.4	33.4	37.9	41.4	45.4	49.4
2.14	14.2	15.7	16.8	17.8	20.3	22.3	23.3	24.3	25.8	27.8	29.3	30.3	32.8	35.4	38.4	42.9	46.4	50.4	54.4
2.16	15.2	16.7	17.7	18.7	21.3	23.3	24.3	25.3	26.8	28.8	30.3	31.3	33.8	36.3	39.3	43.8	47.3	51.3	55.3
2.18	16.7	18.2	19.2	20.2	22.7	24.7	25.7	26.7	28.2	30.2	31.7	32.7	35.2	37.7	40.8	45.3	48.8	52.8	56.8
2.20	12.4	13.9	14.9	15.9	18.5	20.5	21.5	22.5	24.0	26.0	27.6	28.6	31.1	33.6	36.6	41.1	44.6	48.6	52.6
2.22	10.6	12.2	13.2	14.2	16.8	18.8	19.9	20.9	22.4	24.4	25.9	26.9	29.5	32.0	35.0	39.5	43.0	47.0	51.0
2.23	16.0	17.5	18.5	19.5	22.1	24.1	25.1	26.1	27.6	29.6	31.1	32.1	34.6	37.1	40.1	44.6	48.1	52.1	56.1
2.27	15.4	16.9	17.9	18.9	21.4	23.4	24.4	25.4	26.9	28.9	30.4	31.5	34.0	36.5	39.5	44.0	47.5	51.5	55.5
2.30	10.7	12.3	13.3	14.4	16.9	19.0	20.0	21.0	22.5	24.6	26.1	27.1	29.6	32.1	35.1	39.7	43.2	47.2	51.2
2.36	14.5	16.0	17.0	18.1	20.6	22.6	23.6	24.6	26.1	28.1	29.6	30.6	33.1	35.7	38.7	43.2	46.7	50.7	54.7
2.36	16.2	17.7	18.7	19.7	22.2	24.2	25.2	26.2	27.7	29.7	31.2	32.2	34.8	37.3	40.3	44.8	48.3	52.3	56.3
2.39	10.9	12.4	13.5	14.5	17.1	19.1	20.1	21.2	22.7	24.7	26.2	27.2	29.7	32.3	35.3	39.8	43.3	47.3	51.3
2.40	15.5	17.0	18.0	19.0	21.6	23.6	24.6	25.6	27.1	29.1	30.6	31.6	34.1	36.6	39.6	44.1	47.6	51.6	55.6
2.40	12.6	14.2	15.2	16.2	18.8	20.8	21.8	22.8	24.3	26.3	27.8	28.9	31.4	33.9	36.9	41.4	44.9	48.9	52.9
2.43	9.4	11.0	12.0	13.1	15.7	17.8	18.8	19.8	21.3	23.4	24.9	25.9	28.4	30.9	34.0	38.5	42.0	46.0	50.0
2.48	14.6	16.2	17.2	18.2	20.7	22.7	23.8	24.8	26.3	28.3	29.8	30.8	33.3	35.8	38.8	43.3	46.8	50.8	54.8
2.49	11.0	12.6	13.6	14.7	17.2	19.3	20.3	21.3	22.8	24.8	26.4	27.4	29.9	32.4	35.4	39.9	43.5	47.5	51.5
2.51	12.8	14.3	15.3	16.4	18.9	20.9	21.9	23.0	24.5	26.5	28.0	29.0	31.5	34.0	37.0	41.6	45.1	49.1	53.1
2.52	9.5	11.1	12.2	13.2	15.8	17.9	18.9	19.9	21.5	23.5	25.0	26.0	28.6	31.1	34.1	38.6	42.2	46.2	50.2
2.54	15.6	17.2	18.2	19.2	21.7	23.7	24.7	25.7	27.2	29.2	30.7	31.8	34.3	36.8	39.8	44.3	47.8	51.8	55.8
2.57	---	---	9.9	11.0	13.7	15.8	16.8	17.9	19.4	21.5	23.0	24.0	26.6	29.1	32.1	36.7	40.2	44.2	48.3
2.62	14.8	16.3	17.3	18.3	20.9	22.9	23.9	24.9	26.4	28.4	29.9	30.9	33.4	36.0	39.0	43.5	47.0	51.0	55.0
2.62	9.6	11.2	12.3	13.4	16.0	18.0	19.1	20.1	21.6	23.6	25.2	26.2	28.7	31.2	34.3	38.8	42.3	46.3	50.3
2.63	12.9	14.4	15.5	16.5	19.0	21.1	22.1	23.1	24.6	26.6	28.1	29.1	31.7	34.2	37.2	41.7	45.2	49.2	53.2
2.67	---	---	---	---	13.1	15.2	16.2	17.3	18.8	20.9	22.5	23.5	26.0	28.6	31.6	36.2	39.7	43.7	47.7
2.70	11.3	12.8	13.9	14.9	17.5	19.5	20.6	21.6	23.1	25.1	26.6	27.7	30.2	32.7	35.7	40.2	43.8	47.8	51.8
	0.86	0.88	0.89	0.90	0.93	0.94	0.96	0.97	0.99	1.00	1.01	1.02	1.04	1.05	1.07	1.10	1.12	1.14	1.16
2.71	---	---	---	---	---	12.1	13.2	14.3	15.9	18.1	19.6	20.7	23.3	25.8	28.9	33.5	37.0	41.1	45.1
2.73	9.7	11.4	12.4	13.5	16.1	18.2	19.2	20.2	21.8	23.8	25.3	26.3	28.9	31.4	34.4	38.9	42.5	46.5	50.5
2.76	13.0	14.6	15.6	16.6	19.2	21.2	22.2	23.2	24.8	26.8	28.3	29.3	31.8	34.3	37.3	41.9	45.4	49.4	53.4
2.78	14.9	16.5	17.5	18.5	21.0	23.0	24.0	25.1	26.6	28.6	30.1	31.1	33.6	36.1	39.1	43.6	47.1	51.1	55.1
2.83	11.4	13.0	14.0	15.1	17.6	19.7	20.7	21.7	23.2	25.3	26.8	27.8	30.3	32.8	35.9	40.4	43.9	47.9	51.9
2.86	---	---	10.2	11.3	14.1	16.2	17.2	18.3	19.8	21.9	23.4	24.4	27.0	29.5	32.6	37.1	40.6	44.7	48.7
2.88	---	---	---	---	---	12.4	13.5	14.6	16.2	18.3	19.9	21.0	23.5	26.1	29.2	33.8	37.3	41.4	45.4
2.90	13.2	14.7	15.7	16.8	19.3	21.4	22.4	23.4	24.9	26.9	28.4	29.4	32.0	34.5	37.5	42.0	45.5	49.5	53.5
2.96	11.5	13.1	14.2	15.2	17.8	19.8	20.8	21.9	23.4	25.4	26.9	27.9	30.5	33.0	36.0	40.5	44.1	48.1	52.1
2.97	---	9.2	10.4	11.5	14.2	16.3	17.4	18.4	20.0	22.0	23.6	24.6	27.1	29.7	32.7	37.3	40.8	44.8	48.8
3.07	13.3	14.9	15.9	16.9	19.5	21.5	22.5	23.5	25.0	27.1	28.6	29.6	32.1	34.6	37.6	42.2	45.7	49.7	53.7
3.09	---	9.3	10.5	11.6	14.3	16.4	17.5	18.5	20.1	22.2	23.7	24.7	27.3	29.8	32.9	37.4	40.9	45.0	49.0
3.10	10.1	11.7	12.8	13.9	16.5	18.6	19.6	20.6	22.2	24.2	25.7	26.8	29.3	31.8	34.8	39.4	42.9	46.9	50.9
3.11	11.6	13.2	14.3	15.3	17.9	20.0	21.0	22.0	23.5	25.6	27.1	28.1	30.6	33.1	36.2	40.7	44.2	48.2	52.2
3.13	---	---	---	---	---	---	---	12.7	14.5	16.7	18.3	19.4	22.0	24.6	27.7	32.3	35.9	40.0	44.0
3.21	---	---	---	10.9	13.7	15.8	16.9	18.0	19.5	21.6	23.1	24.2	26.7	29.3	32.3	36.9	40.4	44.5	48.5
3.25	13.4	15.0	16.0	17.1	19.6	21.6	22.7	23.7	25.2	27.2	28.7	29.7	32.3	34.8	37.8	42.3	45.8	49.8	53.8
3.25	10.2	11.9	13.0	14.0	16.6	18.7	19.7	20.8	22.3	24.4	25.9	26.9	29.4	32.0	35.0	39.5	43.0	47.1	51.1
3.29	---	---	---	---	10.5	12.8	14.0	15.1	16.7	18.9	20.4	21.5	24.1	26.7	29.7	34.3	37.9	41.9	46.0
3.36	---	9.6	10.7	11.8	14.6	16.7	17.8	18.8	20.4	22.4	24.0	25.0	27.5	30.1	33.1	37.7	41.2	45.3	49.3
3.41	10.3	12.0	13.1	14.1	16.8	18.9	19.9	20.9	22.4	24.5	26.0	27.0	29.6	32.1	35.1	39.7	43.2	47.2	51.2
3.42	---	---	---	---	10.6	13.0	14.1	15.2	16.8	19.0	20.6	21.6	24.2	26.8	29.9	34.5	38.0	42.1	46.1
3.46	11.9	13.5	14.6	15.6	18.2	20.2	21.3	22.3	23.8	25.8	27.4	28.4	30.9	33.4	36.5	41.0	44.5	48.5	52.5
3.49	---	---	10.0	11.2	13.9	16.1	17.2	18.2	19.8	21.9	23.4	24.4	27.0	29.6	32.6	37.2	40.7	44.7	48.8
3.51	---	9.7	10.8	12.0	14.7	16.8	17.9	18.9	20.5	22.6	24.1	25.1	27.7	30.2	33.3	37.8	41.4	45.4	49.4
3.55	---	---	---	---	10.7	13.1	14.2	15.3	17.0	19.1	20.7	21.8	24.4	26.9	30.0	34.6	38.2	42.2	46.3
3.58	---	---	---	---	---	---	12.0	13.2	14.9	17.2	18.8	19.9	22.5	25.2	28.3	32.9	36.5	40.5	44.6
3.59</																			

NOTE: Selection program VIA-VISA available at www.ptwizd.com.

SELECTION

**A****S-L CLASSIC****AX****CLASSIC COG****STOCK DRIVE SELECTIONS**

Ratio	Stock Shv.		3500 RPM Driver			1750 RPM Driver			1160 RPM Driver			Belt Size/Center Distance						
	Datum Diam.		Driven RPM	HP Per Belt		Driven RPM	HP Per Belt		Driven RPM	HP Per Belt		A26 AX26	A31 AX31	A33 AX33	A35 AX35	A38 AX38	A42 AX42	A46 AX46
	Driver	Driven		A	AX		A	AX		A	AX							
3.69	4.6	18.0	948	8.73	9.60	474	5.65	6.05	314	4.10	4.45	---	---	---	---	---	---	
3.71	5.0	19.6	942	9.64	10.50	471	6.31	6.64	312	4.58	4.88	---	---	---	---	---	---	
3.79	3.2	13.2	923	4.99	6.13	461	3.22	3.89	306	2.36	2.89	---	---	---	---	---	9.5	
3.82	3.8	15.6	916	6.70	7.68	458	4.28	4.84	303	3.12	3.57	---	---	---	---	---	---	
3.86	3.6	15.0	906	6.15	7.17	453	3.93	4.53	300	2.87	3.34	---	---	---	---	---	---	
3.92	6.0	24.6	894	11.58	12.57	447	7.91	8.06	296	5.75	5.92	---	---	---	---	---	---	
4.01	4.2	18.0	872	7.75	8.66	436	4.98	5.45	289	3.61	4.01	---	---	---	---	---	9.6	
4.02	3.0	13.2	871	4.40	5.59	436	2.86	3.57	289	2.11	2.66	---	---	---	---	---	---	
4.07	3.4	15.0	860	5.58	6.66	430	3.58	4.21	285	2.62	3.12	---	---	---	---	---	---	
4.20	4.0	18.0	834	7.23	8.18	417	4.63	5.15	276	3.36	3.79	---	---	---	---	---	---	
4.23	3.4	15.6	828	5.58	6.66	414	3.58	4.21	274	2.62	3.12	---	---	---	---	---	---	
4.30	3.2	15.0	815	5.00	6.13	407	3.22	3.90	270	2.36	2.89	---	---	---	---	---	---	
4.36	4.2	19.6	802	7.75	8.66	401	4.98	5.46	266	3.61	4.01	---	---	---	---	---	---	
4.40	3.8	18.0	796	6.70	7.68	398	4.29	4.84	264	3.12	3.57	---	---	---	---	---	---	
4.46	3.2	15.6	784	5.00	6.13	392	3.22	3.90	260	2.36	2.89	---	---	---	---	---	---	
ARC-LENGTH CORRECTION FACTOR →												---	---	---	---	---	---	0.76
4.48	5.2	24.6	782	10.07	10.94	391	6.64	6.93	259	4.82	5.09	---	---	---	---	---	---	
4.55	3.0	15.0	769	4.40	5.60	385	2.86	3.57	255	2.11	2.66	---	---	---	---	---	---	
4.56	4.0	19.6	767	7.23	8.18	384	4.63	5.15	254	3.37	3.79	---	---	---	---	---	---	
4.62	3.6	18.0	758	6.15	7.18	379	3.94	4.53	251	2.87	3.35	---	---	---	---	---	---	
4.64	5.0	24.6	754	9.65	10.51	377	6.32	6.64	250	4.58	4.88	---	---	---	---	---	---	
4.73	3.0	15.6	740	4.40	5.60	370	2.86	3.57	245	2.11	2.66	---	---	---	---	---	---	
4.78	3.8	19.6	732	6.70	7.68	366	4.29	4.84	243	3.12	3.57	---	---	---	---	---	---	
4.82	4.8	24.6	726	9.20	10.06	363	5.99	6.35	241	4.34	4.67	---	---	---	---	---	---	
4.86	3.4	18.0	720	5.58	6.66	360	3.58	4.22	239	2.62	3.12	---	---	---	---	---	---	
5.01	5.6	29.6	698	10.87	11.78	349	7.29	7.50	231	5.29	5.51	---	---	---	---	---	---	
5.02	3.6	19.6	697	6.15	7.18	349	3.94	4.53	231	2.87	3.35	---	---	---	---	---	---	
5.13	3.2	18.0	682	5.00	6.14	341	3.22	3.90	226	2.36	2.89	---	---	---	---	---	---	
5.29	3.4	19.6	662	5.58	6.66	331	3.58	4.22	219	2.62	3.12	---	---	---	---	---	---	
5.37	5.2	29.6	651	10.08	10.94	326	6.64	6.93	216	4.82	5.09	---	---	---	---	---	---	
5.44	3.0	18.0	644	4.40	5.60	322	2.86	3.57	213	2.11	2.66	---	---	---	---	---	---	
ARC-LENGTH CORRECTION FACTOR →												---	---	---	---	---	---	---
5.45	4.2	24.6	642	7.76	8.67	321	4.98	5.46	213	3.61	4.02	---	---	---	---	---	---	
5.57	5.0	29.6	628	9.65	10.51	314	6.32	6.64	208	4.58	4.88	---	---	---	---	---	---	
5.58	3.2	19.6	627	5.00	6.14	314	3.22	3.90	208	2.36	2.89	---	---	---	---	---	---	
5.70	4.0	24.6	614	7.24	8.18	307	4.64	5.15	203	3.37	3.79	---	---	---	---	---	---	
5.79	4.8	29.6	605	9.20	10.06	302	5.99	6.35	200	4.34	4.67	---	---	---	---	---	---	
5.91	3.0	19.6	592	4.40	5.60	296	2.86	3.57	196	2.11	2.66	---	---	---	---	---	---	
5.98	3.8	24.6	586	6.70	7.69	293	4.29	4.84	194	3.12	3.57	---	---	---	---	---	---	
6.02	4.6	29.6	581	8.74	9.61	291	5.66	6.06	193	4.10	4.45	---	---	---	---	---	---	
6.28	3.6	24.6	558	6.15	7.18	279	3.94	4.53	185	2.87	3.35	---	---	---	---	---	---	
6.35	5.6	37.6	551	10.87	11.78	276	7.29	7.50	183	5.29	5.51	---	---	---	---	---	---	
6.55	4.2	29.6	535	7.76	8.67	267	4.98	5.46	177	3.61	4.02	---	---	---	---	---	---	
6.61	3.4	24.6	530	5.59	6.67	265	3.58	4.22	176	2.62	3.12	---	---	---	---	---	---	
6.81	5.2	37.6	514	10.08	10.94	257	6.65	6.94	170	4.82	5.09	---	---	---	---	---	---	
6.84	4.0	29.6	511	7.24	8.18	256	4.64	5.15	169	3.37	3.80	---	---	---	---	---	---	
6.98	3.2	24.6	502	5.00	6.14	251	3.23	3.90	166	2.37	2.89	---	---	---	---	---	---	
ARC-LENGTH CORRECTION FACTOR →												---	---	---	---	---	---	---
7.06	5.0	37.6	496	9.65	10.51	248	6.32	6.65	164	4.58	4.88	---	---	---	---	---	---	
7.17	3.8	29.6	488	6.70	7.69	244	4.29	4.84	162	3.12	3.57	---	---	---	---	---	---	
7.33	4.8	37.6	477	9.21	10.07	239	5.99	6.35	158	4.34	4.67	---	---	---	---	---	---	
7.39	3.0	24.6	474	4.41	5.60	237	2.86	3.58	157	2.11	2.66	---	---	---	---	---	---	
7.53	3.6	29.6	465	6.15	7.18	232	3.94	4.53	154	2.87	3.35	---	---	---	---	---	---	
7.63	4.6	37.6	459	8.74	9.61	229	5.66	6.06	152	4.10	4.45	---	---	---	---	---	---	
7.93	3.4	29.6	441	5.59	6.67	221	3.58	4.22	146	2.62	3.12	---	---	---	---	---	---	
8.29	4.2	37.6	422	7.76	8.67	211	4.98	5.46	140	3.61	4.02	---	---	---	---	---	---	
8.37	3.2	29.6	418	5.00	6.14	209	3.23	3.90	139	2.37	2.89	---	---	---	---	---	---	
8.67	4.0	37.6	404	7.24	8.19	202	4.64	5.15	134	3.37	3.80	---	---	---	---	---	---	
8.87	3.0	29.6	395	4.41	5.60	197	2.87	3.58	131	2.11	2.66	---	---	---	---	---	---	
9.09	3.8	37.6	385	6.71	7.69	193	4.29	4.85	128	3.12	3.57	---	---	---	---	---	---	
9.54	3.6	37.6	367	6.16	7.18	183	3.94	4.53	122	2.87	3.35	---	---	---	---	---	---	
10.05	3.4	37.6	348	5.59	6.67	174	3.58	4.22	115	2.62	3.12	---	---	---	---	---	---	
10.61	3.2	37.6	330	5.01	6.14	165	3.23	3.90	109	2.37	2.89	---	---	---	---	---	---	
11.24	3.0	37.6	311	4.41	5.60	156	2.87	3.58	103	2.11	2.66	---	---	---	---	---	---	
ARC-LENGTH CORRECTION FACTOR →												---	---	---	---	---	---	---

NOTE: Selection program VIA-VISA available at www.ptwizd.com.

SELECTION



A	S-L CLASSIC	AX	CLASSIC COG	STOCK DRIVE SELECTIONS
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Ratio	Belt Size/Center Distance																		
	A48 AX48	A51 AX51	A53 AX53	A55 AX55	A60 AX60	A64 AX64	A66 AX66	A68 AX68	A71 AX71	A75 AX75	A78 AX78	A80 AX80	A85 AX85	A90 AX90	A96 AX96	A105 AX105	A112 AX112	A120 AX120	A128 AX128
3.69	---	---	---	---	10.8	13.2	14.3	15.5	17.1	19.2	20.8	21.9	24.5	27.1	30.2	34.8	38.3	42.4	46.4
3.71	---	---	---	---	---	---	12.1	13.3	15.1	17.3	18.9	20.0	22.7	25.3	28.4	33.0	36.6	40.7	44.7
3.79	10.6	12.3	13.3	14.4	17.0	19.1	20.2	21.2	22.7	24.8	26.3	27.3	29.9	32.4	35.4	40.0	43.5	47.5	51.5
3.82	---	---	10.2	11.4	14.2	16.4	17.4	18.5	20.1	22.1	23.7	24.7	27.3	29.8	32.9	37.5	41.0	45.0	49.1
3.86	---	9.9	11.1	12.2	15.0	17.1	18.2	19.2	20.8	22.8	24.4	25.4	28.0	30.5	33.6	38.1	41.7	45.7	49.7
3.92	---	---	---	---	---	---	---	---	---	---	---	13.4	16.5	19.4	22.7	27.6	31.2	35.4	39.5
4.01	---	---	---	---	11.1	13.5	14.6	15.7	17.4	19.5	21.1	22.1	24.8	27.4	30.4	35.0	38.6	42.7	46.7
4.02	10.7	12.4	13.5	14.5	17.2	19.3	20.3	21.3	22.9	24.9	26.4	27.5	30.0	32.5	35.6	40.1	43.6	47.7	51.7
4.07	---	10.0	11.2	12.3	15.1	17.2	18.3	19.3	20.9	23.0	24.5	25.5	28.1	30.7	33.7	38.3	41.8	45.8	49.9
4.20	---	---	---	---	11.2	13.6	14.7	15.8	17.5	19.6	21.2	22.3	24.9	27.5	30.6	35.2	38.7	42.8	46.9
4.23	---	9.2	10.5	11.6	14.4	16.6	17.7	18.7	20.3	22.4	24.0	25.0	27.6	30.1	33.2	37.7	41.3	45.3	49.4
4.30	8.3	10.1	11.3	12.5	15.2	17.4	18.4	19.5	21.0	23.1	24.7	25.7	28.2	30.8	33.8	38.4	41.9	46.0	50.0
4.36	---	---	---	---	---	11.4	12.6	13.8	15.6	17.8	19.4	20.5	23.2	25.8	28.9	33.6	37.2	41.2	45.3
4.40	---	---	---	---	11.3	13.7	14.8	16.0	17.6	19.8	21.4	22.4	25.0	27.6	30.7	35.3	38.9	43.0	47.0
4.46	---	9.3	10.6	11.8	14.6	16.7	17.8	18.9	20.5	22.5	24.1	25.1	27.7	30.3	33.3	37.9	41.4	45.5	49.5
	0.78	0.79	0.80	0.81	0.82	0.83	0.85	0.85	0.87	0.91	0.92	0.94	0.97	0.99	1.02	1.05	1.07	1.10	1.12
4.48	---	---	---	---	---	---	---	---	---	---	12.5	13.9	17.0	19.9	23.2	28.1	31.8	35.9	40.1
4.55	8.4	10.3	11.4	12.6	15.3	17.5	18.5	19.6	21.2	23.2	24.8	25.8	28.4	30.9	34.0	38.6	42.1	46.1	50.2
4.56	---	---	---	---	---	11.5	12.7	13.9	15.7	17.9	19.6	20.7	23.3	26.0	29.1	33.7	37.3	41.4	45.5
4.62	---	---	---	---	11.4	13.8	15.0	16.1	17.7	19.9	21.5	22.5	25.2	27.8	30.9	35.5	39.0	43.1	47.1
4.64	---	---	---	---	---	---	---	---	---	---	12.6	14.0	17.1	20.0	23.4	28.2	31.9	36.1	40.2
4.73	---	9.4	10.7	11.9	14.7	16.9	17.9	19.0	20.6	22.7	24.2	25.3	27.8	30.4	33.5	38.0	41.6	45.6	49.6
4.78	---	---	---	---	---	11.6	12.9	14.1	15.8	18.1	19.7	20.8	23.5	26.1	29.2	33.9	37.4	41.5	45.6
4.82	---	---	---	---	---	---	---	---	---	---	12.7	14.1	17.2	20.1	23.5	28.3	32.0	36.2	40.4
4.86	---	---	---	---	11.5	13.9	15.1	16.2	17.9	20.0	21.6	22.7	25.3	27.9	31.0	35.6	39.2	43.2	47.3
5.01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	16.7	22.3	26.3	30.7	35.0
5.02	---	---	---	---	---	11.7	13.0	14.2	15.9	18.2	19.8	20.9	23.6	26.2	29.3	34.0	37.6	41.7	45.7
5.13	---	---	---	---	11.7	14.1	15.2	16.3	18.0	20.1	21.7	22.8	25.4	28.0	31.1	35.7	39.3	43.4	47.4
5.29	---	---	---	---	---	11.8	13.1	14.3	16.1	18.3	20.0	21.0	23.7	26.4	29.5	34.1	37.7	41.8	45.9
5.37	---	---	---	---	---	---	---	---	---	---	---	---	---	---	16.9	22.5	26.5	30.9	35.2
5.44	---	---	---	---	11.8	14.2	15.3	16.5	18.1	20.3	21.9	22.9	25.6	28.2	31.3	35.9	39.5	43.5	47.6
	0.78	0.79	0.80	0.81	0.82	0.83	0.85	0.85	0.87	0.91	0.92	0.94	0.97	0.99	1.02	1.05	1.07	1.10	1.12
5.45	---	---	---	---	---	---	---	---	---	---	13.1	14.4	17.6	20.5	23.9	28.7	32.4	36.6	40.8
5.57	---	---	---	---	---	11.9	13.2	14.4	16.2	18.4	---	---	---	---	17.1	22.6	26.7	31.1	35.3
5.58	---	---	---	---	---	---	---	---	---	---	---	20.1	21.2	23.8	26.5	29.6	34.3	37.9	42.0
5.70	---	---	---	---	---	---	---	---	---	---	13.2	14.6	17.7	20.6	24.0	28.9	32.6	36.8	40.9
5.79	---	---	---	---	---	---	---	---	---	---	---	---	---	---	17.2	22.8	26.8	31.2	35.5
5.91	---	---	---	---	---	12.1	13.3	14.5	16.3	18.6	20.2	21.3	24.0	26.6	29.8	34.4	38.0	42.1	46.2
5.98	---	---	---	---	---	---	---	---	---	---	13.3	14.7	17.8	20.7	24.1	29.0	32.7	36.9	41.0
6.02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	17.3	22.9	26.9	31.3	35.6
6.28	---	---	---	---	---	---	---	---	---	---	13.4	14.8	17.9	20.9	24.2	29.1	32.8	37.0	41.2
6.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20.5	25.8
6.55	---	---	---	---	---	---	---	---	---	---	---	---	---	---	17.5	23.1	27.1	31.6	35.9
6.61	---	---	---	---	---	---	---	---	---	---	13.5	14.9	18.1	21.0	24.4	29.2	33.0	37.2	41.3
6.81	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20.7	26.0
6.84	---	---	---	---	---	---	---	---	---	---	---	---	---	---	17.6	23.3	27.3	31.7	36.0
6.98	---	---	---	---	---	---	---	---	---	---	13.6	15.0	18.2	21.1	24.5	29.4	33.1	37.3	41.4
	---	---	---	---	---	0.76	0.76	0.78	0.83	0.87	0.89	0.91	0.94	0.97	1.00	1.04	1.06	1.09	1.11
7.06	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20.8	26.1
7.17	---	---	---	---	---	---	---	---	---	---	---	---	---	---	17.7	23.4	27.4	31.8	36.1
7.33	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20.9	26.2
7.39	---	---	---	---	---	---	---	---	---	11.3	13.7	15.1	18.3	21.2	24.6	29.5	33.2	37.4	41.6
7.53	---	---	---	---	---	---	---	---	---	---	---	---	---	---	17.9	23.5	27.5	31.9	36.3
7.63	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	21.1	26.4
7.93	---	---	---	---	---	---	---	---	---	---	---	---	---	---	18.0	23.6	27.6	32.1	36.4
8.29	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	21.3	26.6
8.37	---	---	---	---	---	---	---	---	---	---	---	---	---	---	18.1	23.7	27.8	32.2	36.5
8.67	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	21.4	26.7
8.87	---	---	---	---	---	---	---	---	---	---	---	---	---	---	18.2	23.9	27.9	32.3	36.6
9.09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	21.5	26.8
9.54	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	21.6	26.9
10.05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	21.7	27.1
10.61	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	21.9	27.2
11.24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	22.0	27.3
	---	---	---	---	---	---	---	---	---	0.75	0.77	0.80	0.82	0.88	0.93	0.99	1.02	1.05	1.08

NOTE: Selection program VIA-VISA available at www.ptwizord.com.



SELECTION

STOCK DRIVE SELECTIONS

B	S-L CLASSIC	BX	CLASSIC COG
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Ratio	Stock Shv.		3500 RPM Driver			1750 RPM Driver			1160 RPM Driver			Belt Size/Center Distance							
	Datum	Diam.	Driven	HP Per Belt		Driven	HP Per Belt		Driven	HP Per Belt		B35	B38	B42	B46	B51	B55	B60	B64
	Driver	Driven	RPM	B	BX	RPM	B	BX	RPM	B	BX	BX35	BX38	BX42	BX46	BX51	BX55	BX60	BX64
1.00	3.40	3.40	3500	1.41	7.30	1750	1.95	4.99	1160	1.67	3.74	13.1	14.6	16.6	18.6	21.1	23.1	25.6	27.6
1.00	3.80	3.80	3500	3.20	8.67	1750	3.07	5.90	1160	2.47	4.40	12.4	13.9	15.9	17.9	20.4	22.4	24.9	26.9
1.00	4.20	4.20	3500	4.88	9.94	1750	4.18	6.78	1160	3.26	5.05	11.8	13.3	15.3	17.3	19.8	21.8	24.3	26.3
1.00	4.60	4.60	3500	6.45	11.11	1750	5.26	7.65	1160	4.03	5.68	11.2	12.7	14.7	16.7	19.2	21.2	23.7	25.7
1.00	5.00	5.00	3500	7.90	12.17	1750	6.32	8.49	1160	4.80	6.31	10.6	12.1	14.1	16.1	18.6	20.6	23.1	25.1
1.00	5.20	5.20	3500	8.58	12.66	1750	6.84	8.90	1160	5.18	6.62	10.2	11.7	13.7	15.7	18.2	20.2	22.7	24.7
1.00	5.40	5.40	3500	9.23	13.12	1750	7.36	9.31	1160	5.56	6.92	9.9	11.4	13.4	15.4	17.9	19.9	22.4	24.4
1.00	5.60	5.60	3500	9.85	13.55	1750	7.87	9.71	1160	5.94	7.22	9.6	11.1	13.1	15.1	17.6	19.6	22.1	24.1
1.00	6.00	6.00	3500	10.97	14.33	1750	8.87	10.49	1160	6.68	7.82	9.0	10.5	12.5	14.5	17.0	19.0	21.5	23.5
1.00	6.40	6.40	3500	11.96	14.99	1750	9.85	11.26	1160	7.41	8.41	8.4	9.9	11.9	13.9	16.4	18.4	20.9	22.9
1.00	6.80	6.80	3500	12.80	15.51	1750	10.81	11.99	1160	8.14	8.99	7.7	9.2	11.2	13.2	15.7	17.7	20.2	22.2
1.00	7.40	7.40	3500	---	---	1750	12.19	13.06	1160	9.20	9.84	---	8.3	10.3	12.3	14.8	16.8	19.3	21.3
1.00	8.60	8.60	3500	---	---	1750	14.79	15.03	1160	11.27	11.47	---	---	---	10.4	12.9	14.9	17.4	19.4
1.00	9.40	9.40	3500	---	---	1750	16.38	16.22	1160	12.59	12.50	---	---	---	---	11.6	13.6	16.1	18.1
1.03	6.80	7.00	3405	13.01	15.72	1702	10.91	12.10	1128	8.20	9.06	7.6	9.1	11.1	13.1	15.6	17.6	20.1	22.1
1.03	6.00	6.20	3393	11.21	14.57	1697	8.99	10.61	1125	6.76	7.90	8.8	10.3	12.3	14.3	16.8	18.8	21.3	23.3
1.03	5.40	5.60	3383	9.49	13.38	1691	7.49	9.43	1121	5.65	7.01	9.8	11.3	13.3	15.3	17.8	19.8	22.3	24.3
1.04	5.20	5.40	3378	8.85	12.92	1689	6.98	9.03	1120	5.27	6.70	10.1	11.6	13.6	15.6	18.1	20.1	22.6	24.6
1.04	4.60	4.80	3364	6.75	11.40	1682	5.41	7.79	1115	4.13	5.78	11.0	12.5	14.5	16.5	19.0	21.0	23.5	25.5
1.04	4.20	4.40	3353	5.20	10.25	1676	4.34	6.94	1111	3.36	5.15	11.6	13.1	15.1	17.1	19.6	21.6	24.1	26.1
1.05	4.00	4.20	3346	4.38	9.64	1673	3.79	6.51	1109	2.97	4.83	12.0	13.5	15.5	17.5	20.0	22.0	24.5	26.5
1.05	3.60	3.80	3332	2.68	8.36	1666	2.69	5.62	1104	2.19	4.19	12.6	14.1	16.1	18.1	20.6	22.6	25.1	27.1
1.05	3.40	3.60	3323	1.79	7.68	1662	2.13	5.18	1101	1.79	3.87	12.9	14.4	16.4	18.4	20.9	22.9	25.4	27.4
1.06	6.40	6.80	3304	12.37	15.40	1652	10.06	11.46	1095	7.55	8.55	8.0	9.5	11.5	13.5	16.0	18.0	20.5	22.5
1.06	6.00	6.40	3293	11.41	14.77	1646	9.09	10.71	1091	6.82	7.97	8.7	10.2	12.2	14.2	16.7	18.7	21.2	23.2
1.07	5.60	6.00	3280	10.30	14.01	1640	8.10	9.94	1087	6.09	7.38	9.3	10.8	12.8	14.8	17.3	19.3	21.8	23.8
1.07	5.00	5.40	3257	8.40	12.67	1628	6.57	8.74	1079	4.97	6.47	10.2	11.7	13.7	15.7	18.2	20.2	22.7	24.7
1.08	7.40	8.00	3249	---	---	1624	12.45	13.32	1077	9.37	10.01	---	7.8	9.8	11.8	14.3	16.3	18.8	20.8
1.08	4.60	5.00	3239	6.99	11.64	1619	5.53	7.91	1073	4.21	5.86	10.9	12.4	14.4	16.4	18.9	20.9	23.4	25.4
1.09	8.60	9.40	3213	---	---	1607	15.08	15.32	1065	11.46	11.66	---	---	---	9.8	12.3	14.3	16.8	18.8
1.09	4.00	4.40	3206	4.65	9.91	1603	3.92	6.64	1063	3.06	4.92	11.8	13.3	15.3	17.3	19.8	21.8	24.3	26.3
1.09	6.00	6.60	3198	11.58	14.94	1599	9.17	10.79	1060	6.88	8.02	8.5	10.0	12.0	14.0	16.5	18.5	21.0	23.0
1.10	5.60	6.20	3180	10.48	14.19	1590	8.19	10.03	1054	6.15	7.43	9.1	10.6	12.6	14.6	17.1	19.1	21.6	23.6
1.10	3.60	4.00	3179	2.96	8.63	1589	2.83	5.76	1054	2.28	4.28	12.4	13.9	15.9	17.9	20.4	22.4	24.9	26.9
1.11	3.40	3.80	3163	2.07	7.96	1582	2.28	5.32	1048	1.89	3.96	12.7	14.2	16.2	18.2	20.7	22.7	25.2	27.2
ARC-LENGTH CORRECTION FACTOR →												0.76	0.78	0.81	0.83	0.86	0.88	0.90	0.92
1.11	5.20	5.80	3159	9.25	13.33	1580	7.18	9.24	1047	5.41	6.84	9.8	11.3	13.3	15.3	17.8	19.8	22.3	24.3
1.12	4.60	5.20	3122	7.18	11.84	1561	5.63	8.01	1035	4.28	5.93	10.7	12.2	14.2	16.2	18.7	20.7	23.2	25.2
1.13	6.00	6.80	3109	11.72	15.08	1554	9.25	10.87	1030	6.93	8.07	8.3	9.8	11.8	13.8	16.3	18.3	20.8	22.8
1.13	4.20	4.80	3093	5.66	10.71	1547	4.57	7.17	1025	3.51	5.30	11.3	12.8	14.8	16.8	19.3	21.3	23.8	25.8
1.13	5.60	6.40	3086	10.63	14.34	1543	8.26	10.10	1023	6.20	7.48	9.0	10.5	12.5	14.5	17.0	19.0	21.5	23.5
1.14	5.40	6.20	3073	10.04	13.93	1537	7.76	9.71	1019	5.83	7.19	9.3	10.8	12.8	14.8	17.3	19.3	21.8	23.8
1.14	3.80	4.40	3059	4.03	9.49	1529	3.49	6.31	1014	2.74	4.67	12.0	13.5	15.5	17.5	20.0	22.0	24.5	26.5
1.15	5.00	5.80	3045	8.75	13.01	1523	6.74	8.91	1009	5.08	6.59	9.9	11.4	13.4	15.4	17.9	19.9	22.4	24.4
1.15	3.60	4.20	3039	3.17	8.85	1520	2.94	5.87	1007	2.35	4.36	12.3	13.8	15.8	17.8	20.3	22.3	24.8	26.8
1.15	7.40	8.60	3031	---	---	1516	12.63	13.49	1005	9.49	10.12	---	---	9.3	11.3	13.8	15.8	18.3	20.3
1.16	6.00	7.00	3024	11.85	15.21	1512	9.31	10.93	1002	6.97	8.11	8.2	9.7	11.7	13.7	16.2	18.2	20.7	22.7
1.16	3.40	4.00	3018	2.30	8.19	1509	2.39	5.43	1000	1.96	4.03	12.6	14.1	16.1	18.1	20.6	22.6	25.1	27.1
1.16	9.40	11.00	3007	---	---	1504	16.83	16.67	997	12.89	12.80	---	---	---	---	10.4	12.4	14.9	16.9
1.17	6.80	8.00	2998	13.71	16.43	1499	11.26	12.45	993	8.44	9.29	---	8.3	10.3	12.3	14.8	16.8	19.3	21.3
1.17	5.40	6.40	2982	10.17	14.06	1491	7.83	9.77	988	5.87	7.23	9.1	10.6	12.6	14.6	17.1	19.1	21.6	23.6
1.18	5.20	6.20	2966	9.54	13.61	1483	7.32	9.38	983	5.50	6.93	9.4	10.9	12.9	14.9	17.4	19.4	21.9	23.9
1.18	4.00	4.80	2957	5.02	10.28	1479	4.11	6.83	980	3.18	5.05	11.5	13.0	15.0	17.0	19.5	21.5	24.0	26.0
1.19	5.00	6.00	2950	8.88	13.15	1475	6.81	8.98	978	5.13	6.63	9.8	11.3	13.3	15.3	17.8	19.8	22.3	24.3
1.19	3.80	4.60	2935	4.19	9.66	1468	3.57	6.39	973	2.80	4.73	11.8	13.3	15.3	17.3	19.8	21.8	24.3	26.3
1.20	5.60	6.80	2913	10.87	14.58	1457	8.38	10.22	966	6.27	7.56	8.6	10.1	12.2	14.2	16.7	18.7	21.2	23.2
1.20	4.60	5.60	2913	7.48	12.13	1456	5.77	8.16	965	4.37	6.02	10.4	11.9	13.9	15.9	18.4	20.4	22.9	24.9
1.20	3.60	4.40	2912	3.34	9.02	1456	3.02	5.96	965	2.41	4.41	12.1	13.6	15.6	17.6	20.1	22.1	24.6	26.6
1.21	5.40	6.60	2897	10.27	14.16	1448	7.88	9.83	960	5.91	7.27	9.0	10.5	12.5	14.5	17.0	19.0	21.5	23.5
1.21	3.40	4.20	2886	2.47	8.36	1443	2.47	5.52	956	2.02	4.09	12.4	13.9	15.9	17.9	20.4	22.4	24.9	26.9
1.22	4.20	5.20	2871	5.96	11.01	1435	4.72	7.32	951	3.61	5.40	11.0	12.5	14.5	16.5	19.0	21.0	23.5	25.5
ARC-LENGTH CORRECTION FACTOR →												0.75	0.77	0.80	0.82	0.85	0.87	0.89	0.90

NOTE: Selection program VIA-VISA available at www.ptwizd.com.

SELECTION



B	S-L CLASSIC	BX	CLASSIC COG	STOCK DRIVE SELECTIONS
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Ratio	Belt Size/Center Distance																	
	B68 BX68	B75 BX75	B81 BX81	B85 BX85	B90 BX90	B97 BX97	B105 BX105	B112 BX112	B120 BX120	B128 BX128	B144 BX144	B158 BX158	B173 BX173	B180 BX180	B195 BX195	B210 BX210	B240 BX240	B270 BX270
1.00	29.6	33.1	36.1	38.1	40.6	44.1	48.1	51.6	55.6	59.6	67.6	74.6	82.1	85.6	93.1	100.6	114.8	129.8
1.00	28.9	32.4	35.4	37.4	39.9	43.4	47.4	50.9	54.9	58.9	66.9	73.9	81.4	84.9	92.4	99.9	114.2	129.2
1.00	28.3	31.8	34.8	36.8	39.3	42.8	46.8	50.3	54.3	58.3	66.3	73.3	80.8	84.3	91.8	99.3	113.6	128.6
1.00	27.7	31.2	34.2	36.2	38.7	42.2	46.2	49.7	53.7	57.7	65.7	72.7	80.2	83.7	91.2	98.7	112.9	127.9
1.00	27.1	30.6	33.5	35.5	38.0	41.5	45.5	49.0	53.0	57.0	65.0	72.0	79.5	83.0	90.5	98.0	112.3	127.3
1.00	26.7	30.2	33.2	35.2	37.7	41.2	45.2	48.7	52.7	56.7	64.7	71.7	79.2	82.7	90.2	97.7	112.0	127.0
1.00	26.4	29.9	32.9	34.9	37.4	40.9	44.9	48.4	52.4	56.4	64.4	71.4	78.9	82.4	89.9	97.4	111.7	126.7
1.00	26.1	29.6	32.6	34.6	37.1	40.6	44.6	48.1	52.1	56.1	64.1	71.1	78.6	82.1	89.6	97.1	111.4	126.4
1.00	25.5	29.0	32.0	34.0	36.5	40.0	44.0	47.5	51.5	55.5	63.5	70.5	78.0	81.5	89.0	96.5	110.7	125.7
1.00	24.9	28.4	31.4	33.4	35.9	39.4	43.4	46.9	50.9	54.9	62.9	69.9	77.4	80.9	88.4	95.9	110.1	125.1
1.00	24.2	27.7	30.7	32.7	35.2	38.7	42.7	46.2	50.2	54.2	62.2	69.2	76.7	80.2	87.7	95.2	109.5	124.5
1.00	23.3	26.8	29.8	31.8	34.3	37.8	41.8	45.3	49.3	53.3	61.3	68.3	75.8	79.3	86.8	94.3	108.5	123.5
1.00	21.4	24.9	27.9	29.9	32.4	35.9	39.9	43.4	47.4	51.4	59.4	66.4	73.9	77.4	84.9	92.4	106.6	121.6
1.00	20.1	23.6	26.6	28.6	31.1	34.6	38.6	42.1	46.1	50.1	58.1	65.1	72.6	76.1	83.6	91.1	105.4	120.4
1.03	24.1	27.6	30.6	32.6	35.1	38.6	42.6	46.1	50.1	54.1	62.1	69.1	76.6	80.1	87.6	95.1	109.3	124.3
1.03	25.3	28.8	31.8	33.8	36.3	39.8	43.8	47.3	51.3	55.3	63.3	70.3	77.8	81.3	88.8	96.3	110.6	125.6
1.03	26.3	29.8	32.8	34.8	37.3	40.8	44.8	48.3	52.3	56.3	64.3	71.3	78.8	82.3	89.8	97.3	111.5	126.5
1.04	26.6	30.1	33.1	35.1	37.6	41.1	45.1	48.6	52.6	56.6	64.6	71.6	79.1	82.6	90.1	97.6	111.8	126.8
1.04	27.5	31.0	34.0	36.0	38.5	42.0	46.0	49.5	53.5	57.5	65.5	72.5	80.0	83.5	91.0	98.5	112.8	127.8
1.04	28.1	31.6	34.6	36.6	39.1	42.6	46.6	50.1	54.1	58.1	66.1	73.1	80.6	84.1	91.6	99.1	113.4	128.4
1.05	28.5	32.0	35.0	37.0	39.5	43.0	47.0	50.5	54.5	58.5	66.5	73.5	81.0	84.5	92.0	99.5	113.7	128.7
1.05	29.1	32.6	35.6	37.6	40.1	43.6	47.6	51.1	55.1	59.1	67.1	74.1	81.6	85.1	92.6	100.1	114.3	129.3
1.05	29.4	32.9	35.9	37.9	40.4	43.9	47.9	51.4	55.4	59.4	67.4	74.4	81.9	85.4	92.9	100.4	114.7	129.7
1.06	24.5	28.0	31.0	33.0	35.5	39.0	43.0	46.5	50.5	54.5	62.5	69.5	77.0	80.5	88.0	95.5	109.8	124.8
1.06	25.2	28.7	31.7	33.7	36.2	39.7	43.7	47.2	51.2	55.2	63.2	70.2	77.7	81.2	88.7	96.2	110.4	125.4
1.07	25.8	29.3	32.3	34.3	36.8	40.3	44.3	47.8	51.8	55.8	63.8	70.8	78.3	81.8	89.3	96.8	111.0	126.0
1.07	26.7	30.2	33.2	35.2	37.7	41.2	45.2	48.7	52.7	56.7	64.7	71.7	79.2	82.7	90.2	97.7	112.0	127.0
1.08	22.8	26.3	29.3	31.3	33.8	37.3	41.3	44.8	48.8	52.8	60.8	67.8	75.3	78.8	86.3	93.8	108.1	123.1
1.08	27.4	30.9	33.9	35.9	38.4	41.9	45.9	49.4	53.4	57.4	65.4	72.4	79.9	83.4	90.9	98.4	112.6	127.6
1.09	20.8	24.3	27.3	29.3	31.8	35.3	39.3	42.8	46.8	50.8	58.8	65.8	73.3	76.8	84.3	91.8	106.0	121.0
1.09	28.3	31.8	34.8	36.8	39.3	42.8	46.8	50.3	54.3	58.3	66.3	73.3	80.8	84.3	91.8	99.3	113.6	128.6
1.09	25.0	28.5	31.5	33.5	36.0	39.5	43.5	47.0	51.0	55.0	63.0	70.0	77.5	81.0	88.5	96.0	110.3	125.3
1.10	25.6	29.1	32.1	34.1	36.6	40.1	44.1	47.6	51.6	55.6	63.6	70.6	78.1	81.6	89.1	96.6	110.9	125.9
1.10	28.9	32.4	35.4	37.4	39.9	43.4	47.4	50.9	54.9	58.9	66.9	73.9	81.4	84.9	92.4	99.9	114.2	129.2
1.11	29.2	32.7	35.7	37.7	40.2	43.7	47.7	51.2	55.2	59.2	67.2	74.2	81.7	85.2	92.7	100.2	114.5	129.5
	0.93	0.95	0.97	0.98	1.00	1.02	1.04	1.05	1.07	1.09	1.12	1.14	1.16	1.17	1.19	1.21	1.24	1.27
1.11	26.3	29.8	32.8	34.8	37.3	40.8	44.8	48.3	52.3	56.3	64.3	71.3	78.8	82.3	89.8	97.3	111.5	126.5
1.12	27.2	30.7	33.7	35.7	38.2	41.7	45.7	49.2	53.2	57.2	65.2	72.2	79.7	83.2	90.7	98.2	112.5	127.5
1.13	24.8	28.3	31.3	33.3	35.8	39.3	43.3	46.8	50.8	54.8	62.8	69.8	77.3	80.8	88.3	95.8	110.1	125.1
1.13	27.8	31.3	34.3	36.3	38.8	42.3	46.3	49.8	53.8	57.8	65.8	72.8	80.3	83.8	91.3	98.8	113.1	128.1
1.13	25.5	29.0	32.0	34.0	36.5	40.0	44.0	47.5	51.5	55.5	63.5	70.5	78.0	81.5	89.0	96.5	110.7	125.7
1.14	25.8	29.3	32.3	34.3	36.8	40.3	44.3	47.8	51.8	55.8	63.8	70.8	78.3	81.8	89.3	96.8	111.0	126.0
1.14	28.5	32.0	35.0	37.0	39.5	43.0	47.0	50.5	54.5	58.5	66.5	73.5	81.0	84.5	92.0	99.5	113.7	128.7
1.15	26.4	29.9	32.9	34.9	37.4	40.9	44.9	48.4	52.4	56.4	64.4	71.4	78.9	82.4	89.9	97.4	111.7	126.7
1.15	28.8	32.3	35.3	37.3	39.8	43.3	47.3	50.8	54.8	58.8	66.8	73.8	81.3	84.8	92.3	99.8	114.0	129.0
1.15	22.3	25.8	28.8	30.8	33.3	36.8	40.8	44.3	48.3	52.3	60.3	67.3	74.8	78.3	85.8	93.3	107.6	122.6
1.16	24.7	28.2	31.2	33.2	35.7	39.2	43.2	46.7	50.7	54.7	62.7	69.7	77.2	80.7	88.2	95.7	109.9	124.9
1.16	29.1	32.6	35.6	37.6	40.1	43.6	47.6	51.1	55.1	59.1	67.1	74.1	81.6	85.1	92.6	100.1	114.3	129.3
1.16	18.9	22.4	25.4	27.4	29.9	33.4	37.4	40.9	44.9	48.9	56.9	63.9	71.4	74.9	82.4	89.9	104.1	119.1
1.17	23.3	26.8	29.8	31.8	34.3	37.8	41.8	45.3	49.3	53.3	61.3	68.3	75.8	79.3	86.8	94.3	108.5	123.5
1.17	25.6	29.1	32.1	34.1	36.6	40.1	44.1	47.6	51.6	55.6	63.6	70.6	78.1	81.6	89.1	96.6	110.9	125.9
1.18	25.9	29.4	32.4	34.4	36.9	40.4	44.4	47.9	51.9	55.9	63.9	70.9	78.4	81.9	89.4	96.9	111.2	126.2
1.18	28.0	31.5	34.5	36.5	39.0	42.5	46.5	50.0	54.0	58.0	66.0	73.0	80.5	84.0	91.5	99.0	113.2	128.2
1.19	26.3	29.8	32.8	34.8	37.3	40.8	44.8	48.3	52.3	56.3	64.3	71.3	78.8	82.3	89.8	97.3	111.5	126.5
1.19	28.3	31.8	34.8	36.8	39.3	42.8	46.8	50.3	54.3	58.3	66.3	73.3	80.8	84.3	91.8	99.3	113.6	128.6
1.20	25.2	28.7	31.7	33.7	36.2	39.7	43.7	47.2	51.2	55.2	63.2	70.2	77.7	81.2	88.7	96.2	110.4	125.4
1.20	26.9	30.4	33.4	35.4	37.9	41.4	45.4	48.9	52.9	56.9	64.9	71.9	79.4	82.9	90.4	97.9	112.1	127.1
1.20	28.6	32.1	35.1	37.1	39.6	43.1	47.1	50.6	54.6	58.6	66.6	73.6	81.1	84.6	92.1	99.6	113.9	128.9
1.21	25.5	29.0	32.0	34.0	36.5	40.0	44.0	47.5	51.5	55.5	63.5	70.5	78.0	81.5	89.0	96.5	110.7	125.7
1.21	28.9	32.4	35.4	37.4	39.9	43.4	47.4	50.9	54.9	58.9	66.9	73.9	81.4	84.9	92.4	99.9	114.2	129.2
1.22	27.5	31.0	34.0	36.0	38.5	42.0	46.0	49.5	53.5	57.5	65.5	72.5	80.0	83.5	91.0	98.5	112.8	127.8
	0.92	0.95	0.97	0.98	0.99	1.01	1.03	1.05	1.07	1.08	1.11	1.14	1.16	1.17	1.19	1.21	1.24	1.27

NOTE: Selection program VIA-VISA available at www.ptwizard.com.

V-Drives

FHP Drives

Drive Component

DYNA-SYNC

HT200/HTDHT500

Roller Chain Sprockets

PT7-116

SELECTION



B	S-L CLASSIC	BX	CLASSIC COG	STOCK DRIVE SELECTIONS
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Ratio	Belt Size/Center Distance																	
	B68 BX68	B75 BX75	B81 BX81	B85 BX85	B90 BX90	B97 BX97	B105 BX105	B112 BX112	B120 BX120	B128 BX128	B144 BX144	B158 BX158	B173 BX173	B180 BX180	B195 BX195	B210 BX210	B240 BX240	B270 BX270
1.22	24.4	27.9	30.9	32.9	35.4	38.9	42.9	46.4	50.4	54.4	62.4	69.4	76.9	80.4	87.9	95.4	109.6	124.6
1.22	26.1	29.6	32.6	34.6	37.1	40.6	44.6	48.1	52.1	56.1	64.1	71.1	78.6	82.1	89.6	97.1	111.4	126.4
1.23	27.8	31.3	34.3	36.3	38.8	42.3	46.3	49.8	53.8	57.8	65.8	72.8	80.3	83.8	91.3	98.8	113.1	128.1
1.23	25.0	28.5	31.5	33.5	36.0	39.5	43.5	47.0	51.0	55.0	63.0	70.0	77.5	81.0	88.5	96.0	110.3	125.3
1.24	23.6	27.1	30.1	32.1	34.6	38.1	42.1	45.6	49.6	53.6	61.6	68.6	76.1	79.6	87.1	94.6	108.8	123.8
1.24	28.1	31.6	34.6	36.6	39.1	42.6	46.6	50.1	54.1	58.1	66.1	73.1	80.6	84.1	91.6	99.1	113.4	128.4
1.24	26.7	30.2	33.2	35.2	37.7	41.2	45.2	48.7	52.7	56.7	64.7	71.7	79.2	82.7	90.2	97.7	112.0	127.0
1.24	25.3	28.8	31.8	33.8	36.3	39.8	43.8	47.3	51.3	55.3	63.3	70.3	77.8	81.3	88.8	96.3	110.6	125.6
1.25	22.8	26.3	29.3	31.3	33.8	37.3	41.3	44.8	48.8	52.8	60.8	67.8	75.3	78.8	86.3	93.8	108.1	123.1
1.25	25.6	29.1	32.1	34.1	36.6	40.1	44.1	47.6	51.6	55.6	63.6	70.6	78.1	81.6	89.1	96.6	110.9	125.9
1.25	28.5	32.0	35.0	37.0	39.5	43.0	47.0	50.5	54.5	58.5	66.5	73.5	81.0	84.5	92.0	99.5	113.7	128.7
1.26	21.7	25.2	28.2	30.2	32.7	36.2	40.2	43.7	47.7	51.7	59.7	66.7	74.2	77.7	85.2	92.7	107.0	122.0
1.26	25.9	29.4	32.4	34.4	36.9	40.4	44.4	47.9	51.9	55.9	63.9	70.9	78.4	81.9	89.4	96.9	111.2	126.2
1.26	27.4	30.9	33.9	35.9	38.4	41.9	45.9	49.4	53.4	57.4	65.4	72.4	79.9	83.4	90.9	98.4	112.6	127.6
1.27	19.5	23.0	26.0	28.0	30.5	34.0	38.0	41.5	45.5	49.5	57.5	64.5	72.0	75.5	83.0	90.5	104.8	119.8
1.28	26.6	30.1	33.1	35.1	37.6	41.1	45.1	48.6	52.6	56.6	64.6	71.6	79.1	82.6	90.1	97.6	111.8	126.8
1.29	25.5	29.0	32.0	34.0	36.5	40.0	44.0	47.5	51.5	55.5	63.5	70.5	78.0	81.5	89.0	96.5	110.7	125.7
1.29	28.0	31.5	34.5	36.5	39.0	42.5	46.5	50.0	54.0	58.0	66.0	73.0	80.5	84.0	91.5	99.0	113.2	128.2
1.30	24.7	28.2	31.2	33.2	35.7	39.2	43.2	46.7	50.7	54.7	62.7	69.7	77.2	80.7	88.2	95.7	109.9	124.9
1.31	27.2	30.7	33.7	35.7	38.2	41.7	45.7	49.2	53.2	57.2	65.2	72.2	79.7	83.2	90.7	98.2	112.5	127.5
1.31	17.7	21.2	24.2	26.2	28.7	32.3	36.3	39.8	43.8	47.8	55.8	62.8	70.3	73.8	81.3	88.8	103.0	118.0
1.31	23.9	27.4	30.4	32.4	34.9	38.4	42.4	45.9	49.9	53.9	61.9	68.9	76.4	79.9	87.4	94.9	109.2	124.2
1.32	28.6	32.1	35.1	37.1	39.6	43.1	47.1	50.6	54.6	58.6	66.6	73.6	81.1	84.6	92.1	99.6	113.9	128.9
1.32	26.4	29.9	32.9	34.9	37.4	40.9	44.9	48.4	52.4	56.4	64.4	71.4	78.9	82.4	89.9	97.4	111.7	126.7
1.33	23.1	26.6	29.6	31.6	34.1	37.6	41.6	45.1	49.1	53.1	61.1	68.1	75.6	79.1	86.6	94.1	108.4	123.4
1.34	25.6	29.1	32.1	34.1	36.6	40.1	44.1	47.6	51.6	55.6	63.6	70.6	78.1	81.6	89.1	96.6	110.9	125.9
1.35	24.8	28.3	31.3	33.3	35.8	39.3	43.3	46.8	50.8	54.8	62.8	69.8	77.3	80.8	88.3	95.8	110.1	125.1
1.35	27.0	30.5	33.5	35.5	38.0	41.5	45.5	49.0	53.0	57.0	65.0	72.0	79.5	83.0	90.5	98.0	112.3	127.3
1.36	26.2	29.8	32.8	34.8	37.3	40.8	44.8	48.3	52.3	56.3	64.3	71.3	78.8	82.3	89.8	97.3	111.5	126.5
1.36	22.1	25.7	28.7	30.7	33.2	36.7	40.7	44.2	48.2	52.2	60.2	67.2	74.7	78.2	85.7	93.2	107.4	122.4
1.37	28.5	32.0	35.0	37.0	39.5	43.0	47.0	50.5	54.5	58.5	66.5	73.5	81.0	84.5	92.0	99.5	113.7	128.7
1.37	25.5	29.0	32.0	34.0	36.5	40.0	44.0	47.5	51.5	55.5	63.5	70.5	78.0	81.5	89.0	96.5	110.7	125.7
1.39	26.9	30.4	33.4	35.4	37.9	41.4	45.4	48.9	52.9	56.9	64.9	71.9	79.4	82.9	90.4	97.9	112.1	127.1
1.40	24.2	27.7	30.7	32.7	35.2	38.7	42.7	46.2	50.2	54.2	62.2	69.2	76.7	80.2	87.7	95.2	109.5	124.5
1.40	26.1	29.6	32.6	34.6	37.1	40.6	44.6	48.1	52.1	56.1	64.1	71.1	78.6	82.1	89.6	97.1	111.4	126.4
	0.92	0.95	0.97	0.98	0.99	1.01	1.03	1.05	1.07	1.08	1.11	1.14	1.16	1.17	1.19	1.21	1.24	1.27
1.40	28.0	31.5	34.5	36.5	39.0	42.5	46.5	50.0	54.0	58.0	66.0	73.0	80.5	84.0	91.5	99.0	113.2	128.2
1.41	23.4	26.9	29.9	31.9	34.4	37.9	41.9	45.4	49.4	53.4	61.4	68.4	75.9	79.4	86.9	94.4	108.7	123.7
1.42	18.3	21.8	24.8	26.8	29.4	32.9	36.9	40.4	44.4	48.4	56.4	63.4	70.9	74.4	81.9	89.4	103.6	118.6
1.43	28.3	31.8	34.8	36.8	39.3	42.8	46.8	50.3	54.3	58.3	66.3	73.3	80.8	84.3	91.8	99.3	113.6	128.6
1.43	16.7	20.2	23.3	25.3	27.8	31.3	35.3	38.8	42.8	46.8	54.8	61.8	69.3	72.8	80.3	87.8	102.1	117.1
1.44	22.4	26.0	29.0	31.0	33.5	37.0	41.0	44.5	48.5	52.5	60.5	67.5	75.0	78.5	86.0	93.5	107.7	122.7
1.45	24.3	27.9	30.9	32.9	35.4	38.9	42.9	46.4	50.4	54.4	62.4	69.4	76.9	80.4	87.9	95.4	109.6	124.6
1.46	27.0	30.5	33.5	35.5	38.0	41.5	45.5	49.0	53.0	57.0	65.0	72.0	79.5	83.0	90.5	98.0	112.3	127.3
1.46	20.4	23.9	26.9	28.9	31.4	34.9	38.9	42.4	46.4	50.4	58.4	65.4	72.9	76.4	83.9	91.4	105.7	120.7
1.48	28.1	31.6	34.6	36.6	39.1	42.6	46.6	50.1	54.1	58.1	66.1	73.1	80.6	84.1	91.6	99.1	113.4	128.4
1.48	26.6	30.1	33.1	35.1	37.6	41.1	45.1	48.6	52.6	56.6	64.6	71.6	79.1	82.6	90.1	97.6	111.8	126.8
1.50	23.7	27.2	30.2	32.2	34.7	38.2	42.2	45.7	49.7	53.7	61.7	68.7	76.2	79.7	87.2	94.7	109.0	124.0
1.51	27.7	31.2	34.2	36.2	38.7	42.2	46.2	49.7	53.7	57.7	65.7	72.7	80.2	83.7	91.2	98.7	112.9	127.9
1.53	26.4	29.9	32.9	34.9	37.4	40.9	44.9	48.4	52.4	56.4	64.4	71.4	78.9	82.4	89.9	97.4	111.7	126.7
1.53	22.7	26.3	29.3	31.3	33.8	37.3	41.3	44.8	48.8	52.8	60.8	67.8	75.3	78.8	86.3	93.8	108.0	123.0
1.55	26.7	30.2	33.2	35.2	37.7	41.2	45.2	48.7	52.7	56.7	64.7	71.7	79.2	82.7	90.2	97.7	112.0	127.0
1.56	27.5	31.0	34.0	36.0	38.5	42.0	46.0	49.5	53.5	57.5	65.5	72.5	80.0	83.5	91.0	98.5	112.8	127.8
1.56	17.3	20.8	23.8	25.8	28.4	31.9	35.9	39.4	43.4	47.4	55.4	62.4	69.9	73.4	80.9	88.4	102.7	117.7
1.56	25.4	28.9	31.9	34.0	36.5	40.0	44.0	47.5	51.5	55.5	63.5	70.5	78.0	81.5	89.0	96.5	110.7	125.7
1.57	26.2	29.7	32.7	34.7	37.2	40.7	44.7	48.2	52.2	56.2	64.2	71.2	78.7	82.2	89.7	97.2	111.5	126.5
1.59	27.8	31.3	34.3	36.3	38.8	42.3	46.3	49.8	53.8	57.8	65.8	72.8	80.3	83.8	91.3	98.8	113.1	128.1
1.59	20.8	24.3	27.3	29.4	31.9	35.4	39.4	42.9	46.9	50.9	58.9	65.9	73.4	76.9	84.4	91.9	106.2	121.2
1.60	26.5	30.1	33.1	35.1	37.6	41.1	45.1	48.6	52.6	56.6	64.6	71.6	79.1	82.6	90.1	97.6	111.8	126.8
1.61	27.3	30.8	33.8	35.8	38.3	41.8	45.8	49.3	53.3	57.3	65.3	72.3	79.8	83.3	90.8	98.3	112.6	127.6
1.61	24.0	27.5	30.5	32.5	35.0	38.5	42.5	46.0	50.0	54.0	62.0	69.0	76.5	80.0	87.5	95.0	109.3	124.3
	0.92	0.94	0.96	0.98	0.99	1.01	1.03	1.05	1.06	1.08	1.11	1.13	1.16	1.17	1.19	1.21	1.24	1.27

NOTE: Selection program VIA-VISA available at www.ptwizard.com.



SELECTION

STOCK DRIVE SELECTIONS

B	S-L CLASSIC	BX	CLASSIC COG
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Ratio	Stock Shv.		3500 RPM Driver			3500 RPM Driver			3500 RPM Driver			Belt Size/Center Distance							
	Datum	Diam.	Driven	HP Per Belt		Driven	HP Per Belt		Driven	HP Per Belt		B35	B38	B42	B46	B51	B55	B60	B64
	Driver	Driven	RPM	B	BX	RPM	B	BX	RPM	B	BX	BX35	BX38	BX42	BX46	BX51	BX55	BX60	BX64
1.61	9.40	15.40	2168	---	---	1084	17.18	17.02	718	13.12	13.03	---	---	---	---	---	---	---	13.1
1.64	5.60	9.40	2137	11.46	15.17	1069	8.68	10.51	708	6.47	7.76	---	7.9	9.9	12.0	14.5	16.5	19.0	21.0
1.64	3.40	5.80	2136	3.02	8.91	1068	2.75	5.79	708	2.20	4.28	11.1	12.6	14.6	16.6	19.1	21.1	23.6	25.6
1.64	7.40	12.40	2129	---	---	1064	13.00	13.87	705	9.74	10.37	---	---	---	---	---	---	---	---
1.67	5.00	8.60	2094	9.53	13.80	1047	7.14	9.30	694	5.34	6.85	7.5	9.0	11.1	13.1	15.6	17.6	20.1	22.2
1.67	3.80	6.60	2092	4.83	10.30	1046	3.89	6.71	693	3.01	4.94	10.1	11.7	13.7	15.7	18.2	20.2	22.7	24.7
1.68	9.40	16.00	2088	---	---	1044	17.20	17.04	692	13.13	13.04	---	---	---	---	---	---	---	---
1.68	6.40	11.00	2083	13.59	16.62	1041	10.67	12.07	690	7.95	8.95	---	---	---	10.0	12.5	14.6	17.1	19.1
1.69	4.60	8.00	2077	8.09	12.74	1038	6.08	8.46	688	4.58	6.23	8.3	9.9	11.9	13.9	16.4	18.4	20.9	22.9
1.69	3.40	6.00	2069	3.05	8.94	1035	2.76	5.81	686	2.21	4.28	10.9	12.5	14.5	16.5	19.0	21.0	23.5	25.5
1.69	5.40	9.40	2066	10.87	14.76	1033	8.18	10.13	685	6.10	7.46	---	8.0	10.1	12.1	14.6	16.7	19.2	21.2
1.70	4.20	7.40	2057	6.53	11.58	1028	5.00	7.60	682	3.80	5.59	9.2	10.7	12.7	14.7	17.2	19.2	21.7	23.7
1.72	3.80	6.80	2034	4.85	10.32	1017	3.90	6.72	674	3.01	4.95	10.0	11.5	13.5	15.5	18.0	20.0	22.5	24.5
1.74	3.40	6.20	2006	3.07	8.96	1003	2.78	5.82	665	2.22	4.29	10.8	12.3	14.3	16.3	18.8	20.8	23.3	25.3
1.76	5.20	9.40	1994	10.25	14.32	997	7.68	9.73	661	5.73	7.17	---	8.2	10.2	12.3	14.8	16.8	19.3	21.3
1.76	8.60	15.40	1990	---	---	995	15.62	15.86	659	11.82	12.02	---	---	---	---	---	---	---	---
1.77	3.80	7.00	1978	4.87	10.34	989	3.91	6.73	656	3.02	4.95	9.8	11.3	13.3	15.3	17.9	19.9	22.4	24.4
1.78	4.00	7.40	1966	5.73	10.99	983	4.47	7.18	652	3.42	5.28	9.3	10.8	12.8	14.9	17.4	19.4	21.9	23.9
1.78	6.80	12.40	1964	14.47	17.19	982	11.64	12.83	651	8.69	9.54	---	---	---	---	11.0	13.0	15.6	17.6
1.79	6.00	11.00	1960	12.65	16.01	980	9.71	11.33	649	7.23	8.38	---	---	---	10.3	12.8	14.8	17.4	19.4
1.80	3.40	6.40	1947	3.09	8.98	973	2.79	5.83	645	2.22	4.30	10.6	12.1	14.1	16.1	18.6	20.7	23.2	25.2
1.80	7.40	13.60	1946	---	---	973	13.03	13.90	645	9.76	10.39	---	---	---	---	---	11.5	14.1	16.1
1.81	4.60	8.60	1937	8.13	12.79	969	6.10	8.49	642	4.59	6.24	7.8	9.3	11.4	13.4	15.9	17.9	20.4	22.4
1.83	8.60	16.00	1917	---	---	958	15.63	15.87	635	11.83	12.03	---	---	---	---	---	---	---	13.1
1.83	4.20	8.00	1909	6.57	11.63	955	5.02	7.63	633	3.82	5.61	8.6	10.1	12.2	14.2	16.7	18.7	21.2	23.2
ARC-LENGTH CORRECTION FACTOR →												0.74	0.76	0.79	0.81	0.84	0.86	0.88	0.90
1.85	3.40	6.60	1891	3.11	9.00	945	2.79	5.84	627	2.23	4.30	10.4	11.9	14.0	16.0	18.5	20.5	23.0	25.0
1.87	3.80	7.40	1876	4.90	10.37	938	3.92	6.75	622	3.03	4.96	9.4	11.0	13.0	15.0	17.5	19.5	22.0	24.0
1.89	6.40	12.40	1854	13.67	16.69	927	10.70	12.11	615	7.98	8.98	---	---	---	---	11.2	13.3	15.9	17.9
1.90	3.40	6.80	1838	3.12	9.01	919	2.80	5.84	609	2.23	4.31	10.3	11.8	13.8	15.8	18.3	20.3	22.8	24.8
1.91	5.60	11.00	1836	11.56	15.26	918	8.72	10.56	609	6.50	7.79	---	---	8.4	10.5	13.1	15.1	17.7	19.7
1.92	4.00	8.00	1825	5.77	11.03	913	4.48	7.20	605	3.43	5.29	8.8	10.3	12.3	14.3	16.9	18.9	21.4	23.4
1.92	9.40	18.40	1821	---	---	910	17.24	17.08	603	13.16	13.07	---	---	---	---	---	---	---	---
1.95	6.80	13.60	1795	14.52	17.23	898	11.67	12.85	595	8.71	9.56	---	---	---	---	---	11.9	14.5	16.5
1.96	3.40	7.00	1788	3.13	9.02	894	2.81	5.85	593	2.24	4.31	10.1	11.6	13.6	15.6	18.1	20.2	22.7	24.7
1.96	4.20	8.60	1781	6.61	11.66	891	5.04	7.64	590	3.83	5.62	8.1	9.6	11.6	13.7	16.2	18.2	20.7	22.7
1.97	4.60	9.40	1779	8.18	12.83	889	6.12	8.51	590	4.61	6.25	---	8.6	10.6	12.7	15.2	17.2	19.8	21.8
1.97	5.40	11.00	1775	10.96	14.85	887	8.22	10.17	588	6.13	7.49	---	---	8.6	10.7	13.2	15.3	17.8	19.8
2.01	6.00	12.40	1745	12.71	16.06	872	9.74	11.36	578	7.25	8.40	---	---	---	---	11.5	13.6	16.1	18.2
2.01	3.80	8.00	1742	4.93	10.40	871	3.94	6.76	577	3.04	4.97	8.9	10.4	12.5	14.5	17.0	19.0	21.5	23.5
2.03	7.40	15.40	1723	---	---	862	13.06	13.93	571	9.78	10.41	---	---	---	---	---	---	12.4	14.4
2.04	5.20	11.00	1713	10.32	14.40	857	7.71	9.77	568	5.76	7.19	---	---	8.7	10.8	13.4	15.4	17.9	20.0
2.06	4.00	8.60	1703	5.79	11.06	852	4.50	7.21	564	3.44	5.30	8.2	9.7	11.8	13.8	16.3	18.4	20.9	22.9
2.07	6.40	13.60	1695	13.70	16.73	847	10.72	12.13	562	7.99	8.99	---	---	---	---	10.1	12.2	14.8	16.8
2.09	8.60	18.40	1672	---	---	836	15.66	15.90	554	11.85	12.04	---	---	---	---	---	---	---	---
2.11	7.40	16.00	1660	---	---	830	13.07	13.93	550	9.78	10.42	---	---	---	---	---	---	11.7	13.9
ARC-LENGTH CORRECTION FACTOR →												0.72	0.75	0.77	0.80	0.83	0.85	0.88	0.89
2.11	3.60	8.00	1658	4.07	9.75	829	3.39	6.32	549	2.65	4.65	9.0	10.6	12.6	14.6	17.2	19.2	21.7	23.7
2.12	5.00	11.00	1651	9.65	13.92	826	7.20	9.36	547	5.38	6.89	---	---	8.8	10.9	13.5	15.6	18.1	20.1
2.14	4.20	9.40	1635	6.64	11.69	818	5.05	7.66	542	3.84	5.63	7.3	8.8	10.9	13.0	15.5	17.5	20.1	22.1
2.14	5.60	12.40	1635	11.60	15.31	817	8.75	10.58	542	6.52	7.81	---	---	---	9.1	11.8	13.9	16.4	18.5
2.19	6.00	13.60	1595	12.73	16.09	797	9.75	11.37	528	7.26	8.41	---	---	---	---	10.3	12.4	15.0	17.1
2.20	6.80	15.40	1590	14.56	17.28	795	11.69	12.87	527	8.72	9.57	---	---	---	---	---	---	12.7	14.9
2.22	5.40	12.40	1580	10.99	14.88	790	8.24	10.19	524	6.14	7.51	---	---	---	9.3	11.9	14.0	16.6	18.6
2.22	3.40	8.00	1574	3.17	9.06	787	2.83	5.87	522	2.25	4.33	9.2	10.7	12.7	14.8	17.3	19.3	21.8	23.8
2.24	4.00	9.40	1564	5.82	11.08	782	4.51	7.23	518	3.45	5.31	7.4	9.0	11.1	13.1	15.6	17.7	20.2	22.2
2.27	8.60	20.00	1540	---	---	770	15.67	15.92	510	11.85	12.05	---	---	---	---	---	---	---	---
2.28	6.80	16.00	1532	14.57	17.28	766	11.69	12.88	508	8.72	9.57	---	---	---	---	---	---	12.1	14.3
2.29	4.60	11.00	1528	8.22	12.88	764	6.15	8.53	506	4.62	6.27	---	---	9.1	11.2	13.8	15.8	18.4	20.4
2.29	5.20	12.40	1525	10.35	14.43	763	7.73	9.79	505	5.77	7.20	---	---	---	9.4	12.0	14.1	16.7	18.7
2.33	6.40	15.40	1501	13.74	16.76	751	10.74	12.14	498	8.00	9.00	---	---	---	---	---	---	13.0	15.1
2.34	5.60	13.60	1494	11.62	15.33	747	8.76	10.60	495	6.52	7.81	---	---	---	---	10.6	12.7	15.3	17.4
ARC-LENGTH CORRECTION FACTOR →												0.71	0.73	0.75	0.76	0.80	0.82	0.85	0.87

NOTE: Selection program VIA-VISA available at www.ptwizard.com.

SELECTION



B S-L CLASSIC BX CLASSIC COG STOCK DRIVE SELECTIONS

Ratio	Belt Size/Center Distance																	
	B68 BX68	B75 BX75	B81 BX81	B85 BX85	B90 BX90	B97 BX97	B105 BX105	B112 BX112	B120 BX120	B128 BX128	B144 BX144	B158 BX158	B173 BX173	B180 BX180	B195 BX195	B210 BX210	B240 BX240	B270 BX270
1.61	15.1	18.7	21.7	23.7	26.3	29.8	33.8	37.3	41.3	45.3	53.3	60.4	67.9	71.4	78.9	86.4	100.6	115.6
1.64	23.0	26.6	29.6	31.6	34.1	37.6	41.6	45.1	49.1	53.1	61.1	68.1	75.6	79.1	86.6	94.1	108.4	123.4
1.64	27.7	31.2	34.2	36.2	38.7	42.2	46.2	49.7	53.7	57.7	65.7	72.7	80.2	83.7	91.2	98.7	112.9	127.9
1.64	19.2	22.7	25.7	27.7	30.3	33.8	37.8	41.3	45.3	49.3	57.3	64.3	71.8	75.3	82.8	90.3	104.6	119.6
1.67	24.2	27.7	30.7	32.7	35.2	38.7	42.7	46.2	50.2	54.2	62.2	69.2	76.7	80.2	87.7	95.2	109.5	124.5
1.67	26.7	30.2	33.2	35.2	37.7	41.2	45.2	48.7	52.7	56.7	64.7	71.7	79.2	82.7	90.2	97.7	112.0	127.0
1.68	14.6	18.2	21.2	23.2	25.7	29.3	33.3	36.8	40.8	44.8	52.9	59.9	67.4	70.9	78.4	85.9	100.2	115.2
1.68	21.1	24.6	27.6	29.7	32.2	35.7	39.7	43.2	47.2	51.2	59.2	66.2	73.7	77.2	84.7	92.2	106.5	121.5
1.69	25.0	28.5	31.5	33.5	36.0	39.5	43.5	47.0	51.0	55.0	63.0	70.0	77.5	81.0	88.5	96.0	110.2	125.2
1.69	27.5	31.0	34.0	36.0	38.5	42.0	46.0	49.5	53.5	57.5	65.5	72.5	80.0	83.5	91.0	98.5	112.8	127.8
1.69	23.2	26.7	29.7	31.7	34.2	37.7	41.7	45.2	49.2	53.2	61.2	68.3	75.8	79.3	86.8	94.3	108.5	123.5
1.70	25.7	29.3	32.3	34.3	36.8	40.3	44.3	47.8	51.8	55.8	63.8	70.8	78.3	81.8	89.3	96.8	111.0	126.0
1.72	26.5	30.0	33.0	35.0	37.5	41.1	45.1	48.6	52.6	56.6	64.6	71.6	79.1	82.6	90.1	97.6	111.8	126.8
1.74	27.3	30.8	33.8	35.8	38.3	41.8	45.8	49.3	53.3	57.3	65.3	72.4	79.9	83.4	90.9	98.4	112.6	127.6
1.76	23.3	26.9	29.9	31.9	34.4	37.9	41.9	45.4	49.4	53.4	61.4	68.4	75.9	79.4	86.9	94.4	108.7	123.7
1.76	15.7	19.3	22.3	24.3	26.8	30.4	34.4	37.9	41.9	45.9	54.0	61.0	68.5	72.0	79.5	87.0	101.3	116.3
1.77	26.4	29.9	32.9	34.9	37.4	40.9	44.9	48.4	52.4	56.4	64.4	71.4	78.9	82.4	89.9	97.4	111.7	126.7
1.78	25.9	29.4	32.4	34.4	36.9	40.4	44.4	47.9	51.9	55.9	63.9	70.9	78.4	81.9	89.4	96.9	111.2	126.2
1.78	19.6	23.2	26.2	28.2	30.7	34.2	38.2	41.7	45.7	49.7	57.8	64.8	72.3	75.8	83.3	90.8	105.0	120.0
1.79	21.4	24.9	27.9	30.0	32.5	36.0	40.0	43.5	47.5	51.5	59.5	66.5	74.0	77.5	85.0	92.5	106.8	121.8
1.80	27.2	30.7	33.7	35.7	38.2	41.7	45.7	49.2	53.2	57.2	65.2	72.2	79.7	83.2	90.7	98.2	112.4	127.4
1.80	18.2	21.7	24.7	26.7	29.3	32.8	36.8	40.3	44.3	48.3	56.3	63.3	70.8	74.4	81.9	89.4	103.6	118.6
1.81	24.5	28.0	31.0	33.0	35.5	39.0	43.0	46.5	50.5	54.5	62.5	69.5	77.0	80.5	88.0	95.5	109.8	124.8
1.83	15.1	18.7	21.8	23.8	26.3	29.9	33.9	37.4	41.4	45.4	53.5	60.5	68.0	71.5	79.0	86.5	100.8	115.8
1.83	25.3	28.8	31.8	33.8	36.3	39.8	43.8	47.3	51.3	55.3	63.3	70.3	77.8	81.3	88.8	96.3	110.6	125.6
	0.92	0.94	0.96	0.98	0.99	1.01	1.03	1.05	1.06	1.08	1.11	1.13	1.16	1.17	1.19	1.21	1.24	1.27
1.85	27.0	30.5	33.5	35.5	38.0	41.5	45.5	49.0	53.0	57.0	65.0	72.0	79.5	83.0	90.5	98.0	112.3	127.3
1.87	26.0	29.6	32.6	34.6	37.1	40.6	44.6	48.1	52.1	56.1	64.1	71.1	78.6	82.1	89.6	97.1	111.3	126.3
1.89	19.9	23.5	26.5	28.5	31.0	34.5	38.5	42.0	46.0	50.1	58.1	65.1	72.6	76.1	83.6	91.1	105.3	120.4
1.90	26.8	30.3	33.3	35.4	37.9	41.4	45.4	48.9	52.9	56.9	64.9	71.9	79.4	82.9	90.4	97.9	112.1	127.1
1.91	21.7	25.2	28.2	30.2	32.8	36.3	40.3	43.8	47.8	51.8	59.8	66.8	74.3	77.8	85.3	92.8	107.1	122.1
1.92	25.4	28.9	31.9	33.9	36.4	39.9	43.9	47.4	51.4	55.4	63.4	70.4	77.9	81.4	88.9	96.4	110.7	125.7
1.92	---	15.9	19.0	21.1	23.6	27.2	31.3	34.8	38.8	42.8	50.9	57.9	65.4	68.9	76.4	84.0	98.2	113.2
1.95	18.6	22.1	25.2	27.2	29.7	33.2	37.2	40.7	44.8	48.8	56.8	63.8	71.3	74.8	82.3	89.8	104.1	119.1
1.96	26.7	30.2	33.2	35.2	37.7	41.2	45.2	48.7	52.7	56.7	64.7	71.7	79.2	82.7	90.2	97.7	112.0	127.0
1.96	24.8	28.3	31.3	33.3	35.8	39.3	43.3	46.8	50.8	54.8	62.8	69.8	77.3	80.8	88.3	95.8	110.1	125.1
1.97	23.8	27.3	30.3	32.3	34.8	38.3	42.3	45.8	49.9	53.9	61.9	68.9	76.4	79.9	87.4	94.9	109.1	124.1
1.97	21.8	25.4	28.4	30.4	32.9	36.4	40.4	43.9	47.9	52.0	60.0	67.0	74.5	78.0	85.5	93.0	107.2	122.2
2.01	20.2	23.7	26.8	28.8	31.3	34.8	38.8	42.3	46.3	50.4	58.4	65.4	72.9	76.4	83.9	91.4	105.7	120.7
2.01	25.6	29.1	32.1	34.1	36.6	40.1	44.1	47.6	51.6	55.6	63.6	70.6	78.1	81.6	89.1	96.6	110.9	125.9
2.03	16.5	20.1	23.2	25.2	27.7	31.2	35.3	38.8	42.8	46.8	54.9	61.9	69.4	72.9	80.4	87.9	102.2	117.2
2.04	22.0	25.5	28.5	30.5	33.1	36.6	40.6	44.1	48.1	52.1	60.1	67.1	74.6	78.1	85.6	93.1	107.4	122.4
2.06	24.9	28.4	31.4	33.4	35.9	39.4	43.4	47.0	51.0	55.0	63.0	70.0	77.5	81.0	88.5	96.0	110.2	125.2
2.07	18.9	22.4	25.4	27.5	30.0	33.5	37.5	41.0	45.1	49.1	57.1	64.1	71.6	75.1	82.6	90.1	104.4	119.4
2.09	---	16.5	19.6	21.7	24.2	27.8	31.8	35.4	39.4	43.4	51.5	58.5	66.0	69.5	77.0	84.6	98.8	113.8
2.11	16.0	19.6	22.6	24.7	27.2	30.7	34.8	38.3	42.3	46.3	54.4	61.4	68.9	72.4	79.9	87.4	101.7	116.7
	0.91	0.94	0.96	0.97	0.98	1.00	1.02	1.04	1.06	1.08	1.11	1.13	1.15	1.17	1.19	1.21	1.24	1.27
2.11	25.7	29.2	32.2	34.2	36.7	40.2	44.2	47.7	51.7	55.8	63.8	70.8	78.3	81.8	89.3	96.8	111.0	126.0
2.12	22.1	25.7	28.7	30.7	33.2	36.7	40.7	44.2	48.2	52.3	60.3	67.3	74.8	78.3	85.8	93.3	107.5	122.6
2.14	24.1	27.6	30.6	32.6	35.1	38.6	42.6	46.2	50.2	54.2	62.2	69.2	76.7	80.2	87.7	95.2	109.4	124.4
2.14	20.5	24.0	27.1	29.1	31.6	35.1	39.1	42.6	46.6	50.7	58.7	65.7	73.2	76.7	84.2	91.7	106.0	121.0
2.19	19.1	22.7	25.7	27.8	30.3	33.8	37.8	41.3	45.4	49.4	57.4	64.4	71.9	75.4	82.9	90.4	104.7	119.7
2.20	16.9	20.5	23.6	25.6	28.1	31.7	35.7	39.2	43.3	47.3	55.3	62.3	69.8	73.3	80.9	88.4	102.6	117.6
2.22	20.6	24.2	27.2	29.2	31.7	35.3	39.3	42.8	46.8	50.8	58.8	65.8	73.3	76.8	84.4	91.9	106.1	121.1
2.22	25.8	29.4	32.4	34.4	36.9	40.4	44.4	47.9	51.9	55.9	63.9	70.9	78.4	81.9	89.4	96.9	111.2	126.2
2.24	24.2	27.7	30.8	32.8	35.3	38.8	42.8	46.3	50.3	54.3	62.3	69.3	76.8	80.3	87.8	95.3	109.6	124.6
2.27	---	14.9	18.0	20.1	22.7	26.3	30.4	34.0	38.0	42.1	50.1	57.2	64.7	68.2	75.7	83.3	97.5	112.6
2.28	16.4	20.0	23.0	25.1	27.6	31.2	35.2	38.7	42.8	46.8	54.8	61.8	69.3	72.9	80.4	87.9	102.1	117.2
2.29	22.4	26.0	29.0	31.0	33.5	37.0	41.0	44.5	48.5	52.6	60.6	67.6	75.1	78.6	86.1	93.6	107.9	122.9
2.29	20.8	24.3	27.3	29.4	31.9	35.4	39.4	42.9	46.9	51.0	59.0	66.0	73.5	77.0	84.5	92.0	106.3	121.3
2.33	17.2	20.8	23.9	25.9	28.4	32.0	36.0	39.5	43.6	47.6	55.6	62.6	70.1	73.6	81.2	88.7	102.9	118.0
2.34	19.4	23.0	26.0	28.0	30.6	34.1	38.1	41.6	45.7	49.7	57.7	64.7	72.2	75.7	83.2	90.7	105.0	120.0
	0.89	0.92	0.94	0.96	0.97	.99	1.01	1.03	1.05	1.07	1.10	1.12	1.15	1.16	1.18	1.20	1.23	1.26

NOTE: Selection program VIA-VISA available at www.ptwizard.com.



SELECTION

B	S-L CLASSIC	BX	CLASSIC COG
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STOCK DRIVE SELECTIONS

Ratio	Stock Shv.		3500 RPM Driver			1750 RPM Driver			1160 RPM Driver			Belt Size/Center Distance							
	Datum Diam.		Driven RPM	HP Per Belt		Driven RPM	HP Per Belt		Driven RPM	HP Per Belt		B35	B38	B42	B46	B51	B55	B60	B64
	Driver	Driven		B	BX		B	BX		B	BX	BX35	BX38	BX42	BX46	BX51	BX55	BX60	BX64
2.35	3.80	9.40	1492	4.98	10.44	746	3.96	6.79	494	3.06	4.99	7.5	9.1	11.2	13.2	15.8	17.8	20.3	22.4
2.38	5.00	12.40	1470	9.68	13.95	735	7.21	9.38	487	5.39	6.90	---	---	---	9.5	12.2	14.3	16.8	18.9
2.38	3.40	8.60	1469	3.19	9.08	734	2.84	5.88	487	2.26	4.33	8.6	10.1	12.2	14.2	16.8	18.8	21.3	23.3
2.42	7.40	18.40	1448	---	---	724	13.08	13.95	480	9.79	10.43	---	---	---	---	---	---	---	---
2.42	5.40	13.60	1444	11.01	14.90	722	8.25	10.20	479	6.15	7.51	---	---	---	---	10.7	12.8	15.4	17.5
2.46	3.60	9.40	1420	4.10	9.78	710	3.41	6.34	471	2.66	4.66	7.6	9.2	11.3	13.4	15.9	18.0	20.5	22.5
2.48	6.00	15.40	1412	12.76	16.12	706	9.77	11.39	468	7.27	8.41	---	---	---	---	---	---	13.3	15.4
2.49	4.20	11.00	1405	6.67	11.73	702	5.07	7.68	466	3.85	5.64	---	---	9.3	11.5	14.1	16.1	18.7	20.7
2.51	5.20	13.60	1394	10.37	14.45	697	7.74	9.79	462	5.78	7.21	---	---	---	---	10.8	13.0	15.6	17.6
2.57	6.00	16.00	1361	12.77	16.13	680	9.77	11.39	451	7.27	8.42	---	---	---	---	---	---	12.6	14.8
2.57	4.60	12.40	1361	8.25	12.90	680	6.16	8.54	451	4.63	6.28	---	---	---	9.8	12.4	14.5	17.1	19.2
2.60	3.40	9.40	1348	3.21	9.10	674	2.84	5.88	447	2.26	4.34	7.8	9.4	11.5	13.5	16.1	18.1	20.6	22.7
2.60	5.40	25.00	1347	---	---	674	17.28	17.12	446	13.19	13.10	---	---	---	---	---	---	---	---
2.61	4.00	11.00	1343	5.85	11.11	672	4.53	7.24	445	3.46	5.32	---	---	9.5	11.6	14.2	16.2	18.8	20.8
2.62	6.80	18.40	1336	14.59	17.31	668	11.70	12.89	443	8.73	9.58	---	---	---	---	---	---	---	---
2.62	7.40	20.00	1334	---	---	667	13.09	13.96	442	9.80	10.43	---	---	---	---	---	---	---	---
2.64	5.60	15.40	1324	11.64	15.35	662	8.77	10.61	439	6.53	7.82	---	---	---	---	---	10.8	13.5	15.6
2.73	3.80	11.00	1282	5.00	10.47	641	3.97	6.80	425	3.06	5.00	---	7.4	9.6	11.7	14.3	16.4	18.9	21.0
2.74	5.40	15.40	1279	11.03	14.92	640	8.26	10.21	424	6.16	7.52	---	---	---	---	---	10.9	13.7	15.8
2.78	6.40	18.40	1261	13.76	16.79	631	10.75	12.16	418	8.01	9.01	---	---	---	---	---	---	---	---
ARC-LENGTH CORRECTION FACTOR →												0.71	0.73	0.75	0.76	0.80	0.82	0.85	0.87
2.80	4.20	12.40	1251	6.69	11.74	625	5.08	7.69	415	3.85	5.65	---	---	---	10.0	12.7	14.8	17.4	19.4
2.81	4.60	13.60	1244	8.26	12.91	622	6.16	8.55	412	4.63	6.28	---	---	---	---	11.2	13.4	16.0	18.1
2.83	5.20	15.40	1235	10.39	14.46	617	7.75	9.80	409	5.78	7.21	---	---	---	---	---	11.1	13.8	15.9
2.84	5.40	16.00	1232	11.04	14.93	616	8.26	10.21	408	6.16	7.52	---	---	---	---	---	---	13.0	15.2
2.84	6.80	20.00	1231	14.60	17.32	615	11.71	12.90	408	8.73	9.59	---	---	---	---	---	---	---	---
2.87	3.60	11.00	1220	4.13	9.80	610	3.42	6.35	404	2.67	4.67	---	7.5	9.7	11.9	14.5	16.5	19.1	21.1
2.93	4.00	12.40	1196	5.86	11.12	598	4.53	7.25	396	3.46	5.33	---	---	---	10.2	12.8	14.9	17.5	19.6
2.94	5.00	15.40	1190	9.71	13.98	595	7.23	9.39	395	5.40	6.91	---	---	---	---	---	11.2	13.9	16.0
2.95	6.00	18.40	1187	12.78	16.14	593	9.78	11.40	393	7.28	8.42	---	---	---	---	---	---	---	---
3.01	6.40	20.00	1162	13.77	16.80	581	10.76	12.16	385	8.01	9.01	---	---	---	---	---	---	---	---
3.02	3.40	11.00	1158	3.22	9.11	579	2.85	5.89	384	2.27	4.34	---	7.7	9.9	12.0	14.6	16.7	19.2	21.3
3.05	5.00	16.00	1147	9.72	13.98	573	7.23	9.39	380	5.40	6.91	---	---	---	---	---	---	13.3	15.4
3.06	4.20	13.60	1143	6.70	11.75	572	5.09	7.69	379	3.86	5.65	---	---	---	---	11.5	13.6	16.2	18.3
3.07	3.80	12.40	1141	5.01	10.48	571	3.98	6.80	378	3.07	5.00	---	---	---	10.3	13.0	15.1	17.7	19.7
3.11	9.40	30.00	1125	---	---	563	17.29	17.13	373	13.19	13.11	---	---	---	---	---	---	---	---
3.15	5.60	18.40	1112	11.66	15.37	556	8.78	10.62	369	6.54	7.83	---	---	---	---	---	---	---	12.4
3.18	4.60	15.40	1102	8.27	12.92	551	6.17	8.56	365	4.64	6.29	---	---	---	---	---	11.4	14.2	16.3
3.20	6.00	20.00	1093	12.79	16.15	547	9.78	11.40	362	7.28	8.42	---	---	---	---	---	---	---	---
3.20	4.00	13.60	1093	5.87	11.13	547	4.54	7.25	362	3.47	5.33	---	---	---	---	11.6	13.7	16.4	18.5
3.22	3.60	12.40	1086	4.14	9.82	543	3.42	6.35	360	2.67	4.67	---	---	8.2	10.4	13.1	15.2	17.8	19.9
3.26	5.40	18.40	1075	11.05	14.94	537	8.27	10.22	356	6.16	7.52	---	---	---	---	---	---	---	12.5
3.27	7.40	25.00	1071	---	---	535	13.10	13.97	355	9.80	10.44	---	---	---	---	---	---	---	---
3.30	4.60	16.00	1061	8.27	12.93	531	6.17	8.56	352	4.64	6.29	---	---	---	---	---	10.7	13.5	15.7
3.36	3.80	13.60	1043	5.02	10.49	521	3.98	6.81	346	3.07	5.00	---	---	---	8.9	11.7	13.9	16.5	18.6
3.37	5.20	18.40	1037	10.41	14.48	519	7.75	9.81	344	5.79	7.22	---	---	---	---	---	---	---	12.7
ARC-LENGTH CORRECTION FACTOR →												---	0.70	0.72	0.74	0.77	0.80	0.83	0.86
3.39	3.40	12.40	1031	3.23	9.12	516	2.86	5.90	342	2.27	4.34	---	---	8.3	10.5	13.2	15.3	17.9	20.0
3.42	5.60	20.00	1025	11.67	15.38	512	8.78	10.62	340	6.54	7.83	---	---	---	---	---	---	---	---
3.46	4.20	15.40	1013	6.71	11.76	506	5.09	7.70	336	3.86	5.65	---	---	---	---	---	11.7	14.4	16.6
3.50	5.00	18.40	1000	9.73	13.99	500	7.23	9.40	331	5.41	6.91	---	---	---	---	---	---	---	12.8
3.53	3.60	13.60	993	4.14	9.82	496	3.42	6.36	329	2.67	4.68	---	---	---	9.0	11.8	14.0	16.6	18.7
3.53	5.40	20.00	990	11.06	14.95	495	8.27	10.22	328	6.17	7.53	---	---	---	---	---	---	---	---
3.54	6.80	25.00	988	14.62	17.34	494	11.72	12.91	328	8.74	9.59	---	---	---	---	---	---	---	---
3.61	4.00	15.40	968	5.88	11.14	484	4.54	7.26	321	3.47	5.33	---	---	---	---	---	11.8	14.6	16.7
3.66	5.20	20.00	956	10.41	14.49	478	7.76	9.81	317	5.79	7.22	---	---	---	---	---	---	---	---
3.71	3.40	13.60	943	3.24	9.13	471	2.86	5.90	312	2.27	4.35	---	---	---	9.1	12.0	14.1	16.8	18.9
3.75	6.40	25.00	933	13.79	16.82	466	10.77	12.17	309	8.02	9.02	---	---	---	---	---	---	---	---
3.75	4.00	16.00	933	5.88	11.14	466	4.54	7.26	309	3.47	5.33	---	---	---	---	---	11.1	13.9	16.1
3.78	4.60	18.40	925	8.28	12.93	463	6.18	8.56	307	4.64	6.29	---	---	---	---	---	---	---	13.0
3.79	3.80	15.40	924	5.03	10.50	462	3.99	6.81	306	3.07	5.01	---	---	---	---	---	11.9	14.7	16.8
3.80	5.00	20.00	921	9.73	14.00	461	7.24	9.40	305	5.41	6.91	---	---	---	---	---	---	---	---
ARC-LENGTH CORRECTION FACTOR →												---	---	0.70	0.72	0.75	0.78	0.81	0.83

NOTE: Selection program VIA-VISA available at www.ptwizd.com.

SELECTION



B	S-L CLASSIC	BX	CLASSIC COG	STOCK DRIVE SELECTIONS															
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Ratio	Belt Size/Center Distance																	
	B68 BX68	B75 BX75	B81 BX81	B85 BX85	B90 BX90	B97 BX97	B105 BX105	B112 BX112	B120 BX120	B128 BX128	B144 BX144	B158 BX158	B173 BX173	B180 BX180	B195 BX195	B210 BX210	B240 BX240	B270 BX270
2.35	24.4	27.9	30.9	32.9	35.4	38.9	42.9	46.5	50.5	54.5	62.5	69.5	77.0	80.5	88.0	95.5	109.8	124.8
2.38	20.9	24.5	27.5	29.5	32.0	35.5	39.6	43.1	47.1	51.1	59.1	66.1	73.6	77.2	84.7	92.2	106.4	121.4
2.38	25.3	28.9	31.9	33.9	36.4	39.9	43.9	47.4	51.4	55.4	63.4	70.4	77.9	81.4	88.9	96.4	110.7	125.7
2.42	13.5	17.3	20.4	22.5	25.0	28.6	32.7	36.2	40.3	44.3	52.4	59.4	66.9	70.4	78.0	85.5	99.7	114.8
2.42	19.6	23.1	26.2	28.2	30.7	34.2	38.3	41.8	45.8	49.8	57.8	64.9	72.4	75.9	83.4	90.9	105.2	120.2
2.46	24.5	28.0	31.1	33.1	35.6	39.1	43.1	46.6	50.6	54.6	62.6	69.6	77.1	80.6	88.1	95.7	109.9	124.9
2.48	17.5	21.1	24.1	26.2	28.7	32.3	36.3	39.8	43.8	47.9	55.9	62.9	70.4	74.0	81.5	89.0	103.2	118.3
2.49	22.7	26.2	29.3	31.3	33.8	37.3	41.3	44.8	48.8	52.9	60.9	67.9	75.4	78.9	86.4	93.9	108.2	123.2
2.51	19.7	23.3	26.3	28.3	30.9	34.4	38.4	41.9	46.0	50.0	58.0	65.0	72.5	76.0	83.5	91.0	105.3	120.3
2.57	16.9	20.5	23.6	25.6	28.2	31.7	35.8	39.3	43.3	47.4	55.4	62.4	70.0	73.5	81.0	88.5	102.8	117.8
2.57	21.2	24.7	27.8	29.8	32.3	35.8	39.9	43.4	47.4	51.4	59.4	66.4	74.0	77.5	85.0	92.5	106.7	121.7
2.60	24.7	28.2	31.2	33.2	35.7	39.2	43.2	46.8	50.8	54.8	62.8	69.8	77.3	80.8	88.3	95.8	110.1	125.1
2.60	---	---	---	---	---	20.9	25.2	28.8	33.0	37.1	45.2	52.3	59.9	63.4	71.0	78.5	92.8	107.9
2.61	22.9	26.4	29.4	31.4	33.9	37.5	41.5	45.0	49.0	53.0	61.0	68.0	75.5	79.0	86.6	94.1	108.3	123.3
2.62	13.9	17.7	20.8	22.9	25.5	29.0	33.1	36.7	40.7	44.7	52.8	59.8	67.4	70.9	78.4	85.9	100.2	115.2
2.62	---	15.6	18.8	20.9	23.5	27.2	31.3	34.8	38.9	42.9	51.0	58.0	65.6	69.1	76.6	84.2	98.4	113.5
2.64	17.7	21.4	24.4	26.5	29.0	32.5	36.6	40.1	44.1	48.2	56.2	63.2	70.7	74.3	81.8	89.3	103.5	118.6
2.73	23.0	26.5	29.6	31.6	34.1	37.6	41.6	45.1	49.2	53.2	61.2	68.2	75.7	79.2	86.7	94.2	108.5	123.5
2.74	17.9	21.5	24.6	26.6	29.1	32.7	36.7	40.3	44.3	48.3	56.4	63.4	70.9	74.4	81.9	89.4	103.7	118.7
2.78	14.2	17.9	21.1	23.2	25.7	29.3	33.4	36.9	41.0	45.0	53.1	60.1	67.7	71.2	78.7	86.2	100.5	115.5
	0.89	0.92	0.94	0.96	0.97	0.99	1.01	1.03	1.05	1.07	1.10	1.12	1.15	1.16	1.18	1.20	1.23	1.26
2.80	21.5	25.0	28.1	30.1	32.6	36.1	40.2	43.7	47.7	51.7	59.7	66.7	74.3	77.8	85.3	92.8	107.0	122.1
2.81	20.1	23.7	26.7	28.8	31.3	34.8	38.9	42.4	46.4	50.4	58.4	65.5	73.0	76.5	84.0	91.5	105.8	120.8
2.83	18.0	21.6	24.7	26.7	29.3	32.8	36.9	40.4	44.4	48.5	56.5	63.5	71.0	74.6	82.1	89.6	103.9	118.9
2.84	17.3	20.9	24.0	26.1	28.6	32.2	36.2	39.7	43.8	47.8	55.8	62.9	70.4	73.9	81.4	88.9	103.2	118.2
2.84	---	16.0	19.2	21.3	24.0	27.6	31.7	35.2	39.3	43.4	51.4	58.5	66.0	69.5	77.1	84.6	98.9	113.9
2.87	23.1	26.7	29.7	31.7	34.2	37.8	41.8	45.3	49.3	53.3	61.3	68.3	75.8	79.4	86.9	94.4	108.6	123.6
2.93	21.6	25.2	28.2	30.2	32.8	36.3	40.3	43.8	47.8	51.9	59.9	66.9	74.4	77.9	85.4	92.9	107.2	122.2
2.94	18.1	21.8	24.8	26.9	29.4	33.0	37.0	40.6	44.6	48.6	56.6	63.7	71.2	74.7	82.2	89.7	104.0	119.0
2.95	14.4	18.2	21.3	23.4	26.0	29.6	33.7	37.2	41.3	45.3	53.4	60.4	68.0	71.5	79.0	86.5	100.8	115.8
3.01	---	16.3	19.5	21.6	24.2	27.8	32.0	35.5	39.6	43.6	51.7	58.8	66.3	69.8	77.4	84.9	99.2	114.2
3.02	23.3	26.8	29.9	31.9	34.4	37.9	41.9	45.4	49.4	53.5	61.5	68.5	76.0	79.5	87.0	94.5	108.8	123.8
3.05	17.6	21.2	24.3	26.3	28.9	32.4	36.5	40.0	44.1	48.1	56.1	63.2	70.7	74.2	81.7	89.2	103.5	118.5
3.06	20.4	24.0	27.0	29.0	31.6	35.1	39.1	42.7	46.7	50.7	58.7	65.8	73.3	76.8	84.3	91.8	106.1	121.1
3.07	21.8	25.3	28.4	30.4	32.9	36.4	40.5	44.0	48.0	52.0	60.0	67.0	74.6	78.1	85.6	93.1	107.3	122.4
3.11	---	---	---	---	---	---	19.8	23.7	28.1	32.3	40.7	47.9	55.5	59.1	66.7	74.3	88.6	103.7
3.15	14.7	18.4	21.6	23.7	26.3	29.9	34.0	37.5	41.6	45.6	53.7	60.7	68.3	71.8	79.3	86.8	101.1	116.1
3.18	18.4	22.0	25.1	27.2	29.7	33.3	37.3	40.8	44.9	48.9	56.9	64.0	71.5	75.0	82.5	90.0	104.3	119.3
3.20	---	16.5	19.7	21.9	24.5	28.1	32.2	35.8	39.9	43.9	52.0	59.1	66.6	70.1	77.7	85.2	99.5	114.5
3.20	20.5	24.1	27.2	29.2	31.7	35.3	39.3	42.8	46.8	50.9	58.9	65.9	73.4	76.9	84.4	92.0	106.2	121.2
3.22	21.9	25.5	28.5	30.5	33.0	36.6	40.6	44.1	48.1	52.2	60.2	67.2	74.7	78.2	85.7	93.2	107.5	122.5
3.26	14.8	18.6	21.7	23.8	26.4	30.0	34.1	37.7	41.7	45.8	53.8	60.9	68.4	71.9	79.5	87.0	101.3	116.3
3.27	---	---	---	---	18.4	22.2	26.5	30.2	34.3	38.5	46.6	53.7	61.3	64.9	72.4	80.0	94.3	109.4
3.30	17.8	21.5	24.6	26.6	29.2	32.7	36.8	40.3	44.4	48.4	56.4	63.5	71.0	74.5	82.0	89.5	103.8	118.8
3.36	20.7	24.2	27.3	29.3	31.9	35.4	39.4	43.0	47.0	51.0	59.0	66.1	73.6	77.1	84.6	92.1	106.4	121.4
3.37	14.9	18.7	21.9	24.0	26.6	30.2	34.2	37.8	41.9	45.9	54.0	61.0	68.6	72.1	79.6	87.1	101.4	116.4
	0.88	0.90	0.93	0.95	0.97	0.99	1.01	1.03	1.05	1.07	1.10	1.12	1.15	1.16	1.18	1.20	1.23	1.26
3.39	22.0	25.6	28.6	30.7	33.2	36.7	40.7	44.3	48.3	52.3	60.3	67.3	74.9	78.4	85.9	93.4	107.7	122.7
3.42	---	16.8	20.0	22.1	24.8	28.4	32.5	36.1	40.2	44.2	52.3	59.4	66.9	70.4	78.0	85.5	99.8	114.8
3.46	18.7	22.3	25.4	27.4	30.0	33.5	37.6	41.1	45.2	49.2	57.2	64.3	71.8	75.3	82.8	90.3	104.6	119.6
3.50	15.0	18.8	22.0	24.1	26.7	30.3	34.4	37.9	42.0	46.0	54.1	61.2	68.7	72.2	79.7	87.3	101.6	116.6
3.53	20.8	24.4	27.4	29.5	32.0	35.5	39.6	43.1	47.1	51.2	59.2	66.2	73.7	77.2	84.8	92.3	106.5	121.5
3.53	12.9	16.9	20.1	22.3	24.9	28.5	32.6	36.2	40.3	44.4	52.5	59.5	67.1	70.6	78.1	85.6	99.9	115.0
3.54	---	---	---	---	18.7	22.6	26.9	30.6	34.7	38.9	47.1	54.2	61.8	65.3	72.9	80.4	94.8	109.8
3.61	18.8	22.4	25.5	27.6	30.1	33.7	37.7	41.3	45.3	49.3	57.4	64.4	71.9	75.5	83.0	90.5	104.8	119.8
3.66	13.0	17.0	20.3	22.4	25.0	28.7	32.8	36.4	40.4	44.5	52.6	59.7	67.2	70.7	78.3	85.8	100.1	115.1
3.71	20.9	24.5	27.6	29.6	32.2	35.7	39.7	43.3	47.3	51.3	59.3	66.4	73.9	77.4	84.9	92.4	106.7	121.7
3.75	---	---	---	16.1	19.0	22.9	27.2	30.8	35.0	39.1	47.3	54.5	62.1	65.6	73.2	80.7	95.0	110.1
3.75	18.2	21.9	25.0	27.0	29.6	33.2	37.2	40.8	44.8	48.8	56.9	63.9	71.4	75.0	82.5	90.0	104.3	119.3
3.78	15.3	19.1	22.3	24.4	27.0	30.6	34.7	38.2	42.3	46.3	54.4	61.5	69.0	72.5	80.0	87.6	101.9	116.9
3.79	18.9	22.6	25.7	27.7	30.3	33.8	37.9	41.4	45.5	49.5	57.5	64.6	72.1	75.6	83.1	90.6	104.9	119.9
3.80	13.1	17.1	20.4	22.5	25.2	28.8	32.9	36.5	40.6	44.6	52.7	59.8	67.4	70.9	78.4	85.9	100.2	115.3
	0.85	0.88	0.92	0.93	0.95	0.97	0.99	1.00	1.02	1.04	1.08	1.10	1.13	1.14	1.16	1.18	1.22	1.25

NOTE: Selection program VIA-VISA available at www.ptwizard.com.

SELECTION



B	S-L CLASSIC	BX	CLASSIC COG	STOCK DRIVE SELECTIONS
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Ratio	Stock Shv.		3500 RPM Driver			1750 RPM Driver			1160 RPM Driver			Belt Size/Center Distance							
	Datum Diam.		Driven RPM	HP Per Belt		Driven RPM	HP Per Belt		Driven RPM	HP Per Belt		B35 BX35	B38 BX38	B42 BX42	B46 BX46	B51 BX51	B55 BX55	B60 BX60	B64 BX64
	Driver	Driven		B	BX		B	BX		B	BX								
3.91	7.40	30.00	895	---	---	447	13.11	13.98	296	9.81	10.44	---	---	---	---	---	---	---	---
3.93	3.80	16.00	890	5.03	10.50	445	3.99	6.81	295	3.07	5.01	---	---	---	---	11.2	14.0	16.2	---
3.98	3.60	15.40	879	4.15	9.83	440	3.43	6.36	291	2.68	4.68	---	---	---	---	9.7	12.0	14.8	17.0
3.99	6.00	25.00	878	12.81	16.16	439	9.79	11.41	291	7.29	8.43	---	---	---	---	---	---	---	---
4.10	4.60	20.00	853	8.28	12.94	426	6.18	8.56	283	4.64	6.29	---	---	---	---	---	---	---	---
4.11	4.20	18.40	851	6.71	11.77	425	5.09	7.70	282	3.86	5.65	---	---	---	---	---	---	---	13.3
4.13	3.60	16.00	847	4.15	9.83	424	3.43	6.36	281	2.68	4.68	---	---	---	---	11.3	14.2	16.3	---
4.19	3.40	15.40	835	3.24	9.13	418	2.86	5.90	277	2.27	4.35	---	---	---	---	9.8	12.2	14.9	17.1
4.24	6.80	30.00	825	14.63	17.35	413	11.72	12.91	274	8.74	9.60	---	---	---	---	---	---	---	---
4.26	5.60	25.00	823	11.68	15.39	411	8.79	10.62	273	6.54	7.83	---	---	---	---	---	---	---	---
4.28	8.60	38.00	818	---	---	409	15.71	15.95	271	11.87	12.07	---	---	---	---	---	---	---	---
4.30	4.00	18.40	813	5.89	11.15	407	4.55	7.26	270	3.47	5.33	---	---	---	---	---	---	---	13.4
4.35	3.40	16.00	804	3.25	9.14	402	2.86	5.91	267	2.28	4.35	---	---	---	---	11.4	14.3	16.5	---
4.40	5.40	25.00	795	11.07	14.96	397	8.28	10.22	263	6.17	7.53	---	---	---	---	---	---	---	---
4.46	4.20	20.00	784	6.72	11.77	392	5.10	7.70	260	3.86	5.66	---	---	---	---	---	---	---	---
4.49	6.40	30.00	779	13.80	16.82	390	10.77	12.17	258	8.02	9.02	---	---	---	---	---	---	---	---
4.51	3.80	18.40	776	5.04	10.50	388	3.99	6.82	257	3.08	5.01	---	---	---	---	---	---	---	13.5
4.56	5.20	25.00	767	10.42	14.50	384	7.76	9.82	254	5.79	7.22	---	---	---	---	---	---	---	---
4.67	4.00	20.00	750	5.89	11.15	375	4.55	7.26	248	3.47	5.33	---	---	---	---	---	---	---	---
4.73	5.00	25.00	740	9.74	14.01	370	7.24	9.41	245	5.41	6.92	---	---	---	---	---	---	---	---
4.74	3.60	18.40	739	4.16	9.83	369	3.43	6.36	245	2.68	4.68	---	---	---	---	---	---	11.2	13.6
4.77	6.00	30.00	733	12.81	16.17	367	9.79	11.41	243	7.29	8.43	---	---	---	---	---	---	---	---
4.89	3.80	20.00	715	5.04	10.51	358	3.99	6.82	237	3.08	5.01	---	---	---	---	---	---	---	---
4.94	7.40	38.00	708	---	---	354	13.11	13.98	235	9.81	10.45	---	---	---	---	---	---	---	---
4.99	3.40	18.40	701	3.25	9.14	351	2.87	5.91	232	2.28	4.35	---	---	---	---	---	11.3	13.7	---
ARC-LENGTH CORRECTION FACTOR →												---	---	---	---	0.75	0.77	0.80	0.82
5.09	5.60	30.00	687	11.69	15.39	344	8.79	10.63	228	6.55	7.83	---	---	---	---	---	---	---	---
5.11	4.60	25.00	685	8.29	12.95	342	6.18	8.57	227	4.64	6.29	---	---	---	---	---	---	---	---
5.14	3.60	20.00	681	4.16	9.84	340	3.43	6.37	226	2.68	4.68	---	---	---	---	---	---	---	---
5.27	5.40	30.00	664	11.07	14.96	332	8.28	10.23	220	6.17	7.53	---	---	---	---	---	---	---	---
5.36	6.80	38.00	653	14.64	17.35	327	11.73	12.91	217	8.75	9.60	---	---	---	---	---	---	---	---
5.41	3.40	20.00	646	3.25	9.14	323	2.87	5.91	214	2.28	4.35	---	---	---	---	---	---	---	---
5.46	5.20	30.00	641	10.42	14.50	320	7.76	9.82	212	5.79	7.23	---	---	---	---	---	---	---	---
5.56	4.20	25.00	629	6.72	11.78	315	5.10	7.70	209	3.87	5.66	---	---	---	---	---	---	---	---
5.66	5.00	30.00	618	9.75	14.01	309	7.24	9.41	205	5.41	6.92	---	---	---	---	---	---	---	---
5.67	6.40	38.00	617	13.80	16.83	308	10.77	12.18	204	8.02	9.02	---	---	---	---	---	---	---	---
ARC-LENGTH CORRECTION FACTOR →												---	---	---	---	---	---	---	---
5.82	4.00	25.00	602	5.90	11.16	301	4.55	7.26	199	3.47	5.34	---	---	---	---	---	---	---	---
6.03	6.00	38.00	580	12.82	16.18	290	9.79	11.41	192	7.29	8.43	---	---	---	---	---	---	---	---
6.10	3.80	25.00	574	5.04	10.51	287	3.99	6.82	190	3.08	5.01	---	---	---	---	---	---	---	---
6.12	4.60	30.00	572	8.30	12.95	286	6.18	8.57	190	4.65	6.29	---	---	---	---	---	---	---	---
6.40	3.60	25.00	547	4.16	9.84	273	3.43	6.37	181	2.68	4.68	---	---	---	---	---	---	---	---
6.44	5.60	38.00	544	11.69	15.40	272	8.79	10.63	180	6.55	7.84	---	---	---	---	---	---	---	---
6.66	4.20	30.00	526	6.73	11.78	263	5.10	7.71	174	3.87	5.66	---	---	---	---	---	---	---	---
6.74	3.40	25.00	519	3.26	9.15	259	2.87	5.91	172	2.28	4.35	---	---	---	---	---	---	---	---
6.90	5.20	38.00	507	10.43	14.50	254	7.77	9.82	168	5.79	7.23	---	---	---	---	---	---	---	---
6.96	4.00	30.00	503	5.90	11.16	251	4.55	7.27	167	3.47	5.34	---	---	---	---	---	---	---	---
ARC-LENGTH CORRECTION FACTOR →												---	---	---	---	---	---	---	---
7.16	5.00	38.00	489	9.75	14.01	245	7.24	9.41	162	5.41	6.92	---	---	---	---	---	---	---	---
7.30	3.80	30.00	480	5.05	10.51	240	4.00	6.82	159	3.08	5.01	---	---	---	---	---	---	---	---
7.67	3.60	30.00	457	4.17	9.84	228	3.44	6.37	151	2.68	4.68	---	---	---	---	---	---	---	---
7.73	4.60	38.00	453	8.30	12.95	226	6.18	8.57	150	4.65	6.30	---	---	---	---	---	---	---	---
8.07	3.40	30.00	433	3.26	9.15	217	2.87	5.91	144	2.28	4.35	---	---	---	---	---	---	---	---
8.41	4.20	38.00	416	6.73	11.79	208	5.10	7.71	138	3.87	5.66	---	---	---	---	---	---	---	---
8.80	4.00	38.00	398	5.90	11.16	199	4.55	7.27	132	3.48	5.34	---	---	---	---	---	---	---	---
9.22	3.80	38.00	380	5.05	10.52	190	4.00	6.82	126	3.08	5.01	---	---	---	---	---	---	---	---
9.69	3.60	38.00	361	4.17	9.85	181	3.44	6.37	120	2.68	4.68	---	---	---	---	---	---	---	---
10.20	3.40	38.00	343	3.26	9.15	172	2.87	5.91	114	2.28	4.35	---	---	---	---	---	---	---	---
ARC-LENGTH CORRECTION FACTOR →												---	---	---	---	---	---	---	---

NOTE: Selection program VIA-VISA available at www.ptwizd.com.

SELECTION



B	S-L CLASSIC	BX	CLASSIC COG	STOCK DRIVE SELECTIONS
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Ratio	Belt Size/Center Distance																		
	B68 BX68	B75 BX75	B81 BX81	B85 BX85	B90 BX90	B97 BX97	B105 BX105	B112 BX112	B120 BX120	B128 BX128	B144 BX144	B158 BX158	B173 BX173	B180 BX180	B195 BX195	B210 BX210	B240 BX240	B270 BX270	
3.91	---	---	---	---	---	---	21.0	25.0	29.4	33.6	42.0	49.2	56.9	60.5	68.1	75.7	90.1	105.2	
3.93	18.3	22.0	25.1	27.2	29.7	33.3	37.4	40.9	44.9	49.0	57.0	64.1	71.6	75.1	82.6	90.2	104.4	119.5	
3.98	19.1	22.7	25.8	27.9	30.4	34.0	38.0	41.6	45.6	49.6	57.7	64.7	72.2	75.8	83.3	90.8	105.1	120.1	
3.99	---	---	---	16.3	19.2	23.1	27.4	31.1	35.3	39.4	47.6	54.7	62.3	65.9	73.5	81.0	95.3	110.4	
4.10	13.4	17.4	20.7	22.8	25.4	29.1	33.2	36.8	40.9	44.9	53.0	60.1	67.7	71.2	78.7	86.2	100.5	115.6	
4.11	15.5	19.4	22.5	24.6	27.2	30.8	34.9	38.5	42.6	46.6	54.7	61.8	69.3	72.8	80.3	87.9	102.2	117.2	
4.13	18.5	22.1	25.3	27.3	29.9	33.4	37.5	41.0	45.1	49.1	57.2	64.2	71.7	75.3	82.8	90.3	104.6	119.6	
4.19	19.2	22.9	25.9	28.0	30.6	34.1	38.2	41.7	45.7	49.8	57.8	64.9	72.4	75.9	83.4	90.9	105.2	120.2	
4.24	---	---	---	---	---	---	21.4	25.4	29.8	34.0	42.4	49.7	57.3	60.9	68.5	76.1	90.5	105.6	
4.26	---	---	---	16.5	19.5	23.4	27.7	31.4	35.6	39.7	47.9	55.0	62.6	66.2	73.7	81.3	95.6	110.7	
4.28	---	---	---	---	---	---	---	---	---	23.8	33.0	40.7	48.6	52.3	60.0	67.7	82.3	97.5	
4.30	15.7	19.5	22.7	24.8	27.4	31.0	35.1	38.6	42.7	46.8	54.8	61.9	69.4	73.0	80.5	88.0	102.3	117.3	
4.35	18.6	22.3	25.4	27.4	30.0	33.6	37.6	41.2	45.2	49.3	57.3	64.4	71.9	75.4	82.9	90.5	104.7	119.8	
4.40	---	---	---	16.7	19.6	23.5	27.8	31.5	35.7	39.8	48.0	55.2	62.8	66.3	73.9	81.4	95.8	110.9	
4.46	13.6	17.6	20.9	23.0	25.7	29.3	33.5	37.1	41.1	45.2	53.3	60.4	67.9	71.5	79.0	86.5	100.8	115.9	
4.49	---	---	---	---	---	---	21.6	25.6	30.0	34.3	42.7	49.9	57.6	61.2	68.8	76.4	90.8	105.9	
4.51	15.8	19.6	22.8	24.9	27.5	31.1	35.2	38.8	42.9	46.9	55.0	62.0	69.6	73.1	80.6	88.2	102.5	117.5	
4.56	---	---	---	16.8	19.7	23.6	27.9	31.6	35.8	40.0	48.2	55.3	62.9	66.5	74.0	81.6	95.9	111.0	
4.67	13.7	17.8	21.0	23.2	25.8	29.5	33.6	37.2	41.3	45.4	53.5	60.5	68.1	71.6	79.2	86.7	101.0	116.0	
4.73	---	---	---	16.9	19.8	23.7	28.1	31.8	36.0	40.1	48.3	55.4	63.1	66.6	74.2	81.7	96.1	111.2	
4.74	15.9	19.7	22.9	25.0	27.6	31.3	35.4	38.9	43.0	47.0	55.1	62.2	69.7	73.3	80.8	88.3	102.6	117.6	
4.77	---	---	---	---	---	---	21.8	25.9	30.3	34.6	43.0	50.2	57.9	61.5	69.1	76.7	91.1	106.2	
4.89	13.8	17.9	21.2	23.3	26.0	29.6	33.7	37.3	41.4	45.5	53.6	60.7	68.2	71.8	79.3	86.8	101.1	116.2	
4.94	---	---	---	---	---	---	---	---	---	24.5	33.8	41.4	49.4	53.1	60.8	68.6	83.1	98.3	
4.99	16.0	19.9	23.1	25.2	27.8	31.4	35.5	39.1	43.1	47.2	55.3	62.3	69.9	73.4	80.9	88.5	102.8	117.8	
	0.85	0.88	0.89	0.90	0.92	0.95	0.98	1.00	1.02	1.04	1.08	1.10	1.13	1.14	1.16	1.18	1.22	1.25	
5.09	---	---	---	---	---	---	22.1	26.1	30.5	34.8	43.2	50.5	58.2	61.7	69.4	77.0	91.4	106.5	
5.11	14.0	18.0	21.3	17.1	20.1	24.0	28.3	32.0	36.2	40.4	48.6	55.7	63.3	66.9	74.5	82.0	96.4	111.4	
5.14	---	---	---	23.4	26.1	29.7	33.9	37.5	41.6	45.6	53.7	60.8	68.4	71.9	79.5	87.0	101.3	116.3	
5.27	---	---	---	---	---	---	22.2	26.2	30.6	34.9	43.4	50.6	58.3	61.9	69.5	77.1	91.5	106.7	
5.36	---	---	---	---	---	---	---	---	---	24.8	34.2	41.8	49.8	53.5	61.2	69.0	83.5	98.7	
5.41	14.1	18.1	21.4	23.6	26.2	29.9	34.0	37.6	41.7	45.8	53.9	61.0	68.5	72.1	79.6	87.1	101.4	116.5	
5.46	---	---	---	---	---	---	22.3	26.4	30.8	35.1	43.5	50.8	58.5	62.0	69.7	77.3	91.7	106.8	
5.56	---	---	14.8	17.4	20.3	24.2	28.6	32.3	36.5	40.6	48.9	56.0	63.6	67.2	74.8	82.3	96.7	111.7	
5.66	---	---	---	---	---	---	22.4	26.5	30.9	35.2	43.6	50.9	58.6	62.2	69.8	77.4	91.8	106.9	
5.67	---	---	---	---	---	---	---	---	---	25.1	34.4	42.1	50.1	53.7	61.5	69.2	83.8	99.0	
	0.78	0.81	0.84	0.88	0.90	0.93	0.96	0.99	1.01	1.03	1.07	1.10	1.12	1.14	1.16	1.18	1.22	1.25	
5.82	---	---	14.9	17.5	20.4	24.4	28.7	32.4	36.6	40.8	49.0	56.2	63.8	67.3	74.9	82.5	96.8	111.9	
6.03	---	---	---	---	---	---	---	---	---	25.3	34.7	42.3	50.3	54.0	61.8	69.5	84.1	99.3	
6.10	---	---	15.1	17.6	20.6	24.5	28.8	32.6	36.8	40.9	49.1	56.3	63.9	67.5	75.0	82.6	97.0	112.0	
6.12	---	---	---	---	---	17.7	22.7	26.7	31.2	35.5	43.9	51.2	58.9	62.4	70.1	77.7	92.1	107.2	
6.40	---	---	15.2	17.7	20.7	24.6	29.0	32.7	36.9	41.1	49.3	56.4	64.1	67.6	75.2	82.8	97.1	112.2	
6.44	---	---	---	---	---	---	---	---	---	25.5	34.9	42.6	50.6	54.3	62.1	69.8	84.4	99.6	
6.66	---	---	---	---	---	17.9	22.9	27.0	31.4	35.7	44.2	51.4	59.1	62.7	70.4	78.0	92.4	107.5	
6.74	---	---	15.3	17.8	20.8	24.7	29.1	32.8	37.0	41.2	49.4	56.6	64.2	67.7	75.3	82.9	97.3	112.3	
6.90	---	---	---	---	---	---	---	---	---	25.8	35.2	42.8	50.8	54.5	62.3	70.1	84.6	99.9	
6.96	---	---	---	---	---	18.0	23.0	27.1	31.5	35.9	44.3	51.6	59.3	62.9	70.5	78.1	92.5	107.7	
	---	---	0.70	0.75	0.81	0.87	0.91	0.95	0.98	1.00	1.05	1.08	1.11	1.12	1.15	1.17	1.21	1.24	
7.16	---	---	---	---	---	---	---	---	---	25.9	35.3	43.0	51.0	54.7	62.5	70.2	84.8	100.0	
7.30	---	---	---	---	---	18.1	23.2	27.2	31.7	36.0	44.4	51.7	59.4	63.0	70.7	78.3	92.7	107.8	
7.67	---	---	---	---	---	18.3	23.3	27.3	31.8	36.1	44.6	51.8	59.6	63.1	70.8	78.4	92.8	108.0	
7.73	---	---	---	---	---	---	---	---	---	26.1	35.5	43.2	51.2	54.9	62.7	70.5	85.1	100.3	
8.07	---	---	---	---	---	18.4	23.4	27.5	31.9	36.2	44.7	52.0	59.7	63.3	70.9	78.6	93.0	108.1	
8.41	---	---	---	---	---	---	---	---	---	26.4	35.8	43.5	51.5	55.2	63.0	70.8	85.3	100.6	
8.80	---	---	---	---	---	---	---	---	---	21.1	26.5	35.9	43.6	51.6	55.3	63.1	70.9	85.5	100.7
9.22	---	---	---	---	---	---	---	---	---	21.2	26.6	36.0	43.7	51.8	55.5	63.3	71.0	85.6	100.9
9.69	---	---	---	---	---	---	---	---	---	21.3	26.7	36.2	43.9	51.9	55.6	63.4	71.2	85.8	101.0
10.20	---	---	---	---	---	---	---	---	---	21.4	26.8	36.3	44.0	52.0	55.7	63.5	71.3	85.9	101.2
	---	---	---	---	---	0.77	0.82	0.88	0.92	0.96	1.02	1.05	1.09	1.10	1.13	1.15	1.19	1.23	

NOTE: Selection program VIA-VISA available at www.ptwizard.com.



SELECTION

C S-L CLASSIC CX CLASSIC COG STOCK DRIVE SELECTIONS

Ratio	Stock Shv.		1750 RPM Driver			1160 RPM Driver			870 RPM Driver			Belt Size/Center Distance									
	Datum Diam.		Driven RPM	HP Per Belt		Driven RPM	HP Per Belt		Driven RPM	HP Per Belt		C51 CX51	C60 CX60	C68 CX68	C75 CX75	C81 CX81	C85 CX85	C90 CX90	C96 CX96	C105 CX105	
	Driver	Driven		C	CX		C	CX		C	CX										
1.00	7.0	7.0	1750	12.09	18.97	1160	9.69	14.22	870	7.98	11.39	16.0	20.5	24.5	28.0	31.0	33.0	35.5	38.5	43.0	
1.00	7.5	7.5	1750	14.00	20.59	1160	11.17	15.48	870	9.16	12.40	15.2	19.7	23.7	27.2	30.2	32.2	34.7	37.7	42.2	
1.00	8.0	8.0	1750	15.84	22.15	1160	12.62	16.71	870	10.33	13.40	14.4	18.9	22.9	26.4	29.4	31.4	33.9	36.9	41.4	
1.00	8.5	8.5	1750	17.62	23.65	1160	14.05	17.93	870	11.48	14.39	13.6	18.1	22.1	25.6	28.6	30.6	33.1	36.1	40.6	
1.00	9.0	9.0	1750	19.32	25.09	1160	15.45	19.11	870	12.62	15.36	12.8	17.3	21.3	24.8	27.8	29.8	32.3	35.3	39.8	
1.00	9.5	9.5	1750	20.94	26.47	1160	16.82	20.28	870	13.74	16.32	12.0	16.5	20.5	24.0	27.0	29.0	31.5	34.5	39.0	
1.00	10.0	10.0	1750	22.49	27.78	1160	18.17	21.42	870	14.85	17.26	11.3	15.8	19.7	23.3	26.3	28.3	30.8	33.8	38.3	
1.00	10.5	10.5	1750	23.96	29.02	1160	19.49	22.54	870	15.95	18.20	---	15.0	19.0	22.5	25.5	27.5	30.0	33.0	37.5	
1.00	11.0	11.0	1750	25.35	30.20	1160	20.78	23.63	870	17.03	19.12	---	14.2	18.2	21.7	24.7	26.7	29.2	32.2	36.7	
1.00	12.0	12.0	1750	27.86	32.34	1160	23.27	25.74	870	19.15	20.92	---	12.6	16.6	20.1	23.1	25.1	27.6	30.6	35.1	
1.00	13.0	13.0	1750	30.00	34.18	1160	25.64	27.75	870	21.21	22.66	---	---	15.0	18.5	21.5	23.5	26.0	29.0	33.5	
1.00	14.0	14.0	1750	31.76	35.70	1160	27.88	29.64	870	23.20	24.36	---	---	---	17.0	20.0	22.0	24.5	27.5	32.0	
1.00	16.0	16.0	1750	---	---	1160	31.96	33.10	870	27.00	27.57	---	---	---	---	16.8	18.8	21.3	24.3	28.8	
1.05	10.5	11.0	1673	24.35	29.41	1109	19.74	22.79	832	16.14	18.39	---	14.6	18.6	22.1	25.1	27.1	29.6	32.6	37.1	
1.05	10.0	10.5	1670	22.89	28.18	1107	18.44	21.69	830	15.05	17.45	10.9	15.4	19.4	22.9	25.9	27.9	30.4	33.4	37.9	
1.05	9.5	10.0	1666	21.36	26.88	1104	17.10	20.56	828	13.95	16.53	11.6	16.1	20.1	23.6	26.6	28.6	31.1	34.1	38.6	
1.05	9.0	9.5	1662	19.75	25.53	1101	15.74	19.40	826	12.83	15.58	12.4	16.9	20.9	24.4	27.4	29.4	31.9	34.9	39.4	
1.06	8.5	9.0	1657	18.07	24.11	1098	14.36	18.23	824	11.71	14.61	13.2	17.7	21.7	25.2	28.2	30.2	32.7	35.7	40.2	
1.06	8.0	8.5	1652	16.32	22.63	1095	12.94	17.03	821	10.57	13.64	14.0	18.5	22.5	26.0	29.0	31.0	33.5	36.5	41.0	
1.06	7.5	8.0	1646	14.51	21.10	1091	11.51	15.81	818	9.41	12.65	14.8	19.3	23.3	26.8	29.8	31.8	34.3	37.3	41.8	
1.07	7.0	7.5	1639	12.62	19.51	1087	10.05	14.57	815	8.24	11.65	15.6	20.1	24.1	27.6	30.6	32.6	35.1	38.1	42.6	
1.07	13.0	14.0	1628	30.50	34.76	1079	26.03	28.13	810	21.50	22.95	---	---	14.2	17.7	20.7	22.7	25.3	28.3	32.8	
1.08	12.0	13.0	1619	28.48	32.96	1073	23.68	26.15	805	19.46	21.23	---	---	15.8	19.3	22.3	24.3	26.8	29.8	34.3	
1.09	11.0	12.0	1609	26.01	30.86	1066	21.22	24.07	800	17.36	19.45	---	13.4	17.4	20.9	23.9	25.9	28.4	31.4	35.9	
1.10	10.0	11.0	1596	23.21	28.49	1058	18.65	21.90	794	15.21	17.62	---	15.0	19.0	22.5	25.5	27.5	30.0	33.0	37.5	
ARC-LENGTH CORRECTION FACTOR -->												0.77	0.81	0.83	0.85	0.87	0.88	0.89	0.91	0.93	
1.10	9.5	10.5	1589	21.69	27.21	1054	17.32	20.77	790	14.11	16.69	11.2	15.7	19.7	23.2	26.2	28.2	30.7	33.7	38.2	
1.11	9.0	10.0	1582	20.09	25.86	1048	15.96	19.63	786	13.00	15.74	12.0	16.5	20.5	24.0	27.0	29.0	31.5	34.5	39.0	
1.11	8.5	9.5	1573	18.42	24.46	1043	14.58	18.46	782	11.88	14.79	12.8	17.3	21.3	24.8	27.8	29.8	32.3	35.3	39.8	
1.12	8.0	9.0	1564	16.66	22.99	1037	13.18	17.27	777	10.74	13.82	13.6	18.1	22.1	25.6	28.6	30.6	33.1	36.1	40.6	
1.12	16.0	18.0	1560	---	---	1034	32.53	33.67	775	27.43	28.00	---	---	---	---	---	17.2	19.7	22.7	27.2	
1.13	7.5	8.5	1553	14.86	21.47	1030	11.75	16.06	772	9.59	12.84	14.4	18.9	22.9	26.4	29.4	31.4	33.9	36.9	41.4	
1.14	7.0	8.0	1542	13.01	19.89	1022	10.30	14.83	766	8.43	11.84	15.2	19.7	23.7	27.2	30.2	32.2	34.7	37.7	42.2	
1.14	10.5	12.0	1538	24.89	29.96	1020	20.11	23.16	765	16.41	18.66	---	13.8	17.8	21.3	24.3	26.3	28.8	31.8	36.3	
1.14	14.0	16.0	1537	32.70	36.64	1019	28.51	30.26	764	23.67	24.82	---	---	---	15.4	18.4	20.4	22.9	25.9	30.4	
1.15	9.5	11.0	1520	21.94	27.46	1007	17.49	20.94	756	14.24	16.81	10.8	15.3	19.3	22.8	25.8	27.8	30.3	33.3	37.9	
1.16	9.0	10.5	1509	20.35	26.12	1000	16.13	19.80	750	13.13	15.87	11.6	16.1	20.1	23.6	26.6	28.6	31.1	34.1	38.6	
1.16	12.0	14.0	1507	28.90	33.38	999	23.96	26.43	749	19.66	21.43	---	---	15.0	18.5	21.5	23.5	26.0	29.0	33.5	
1.17	8.5	10.0	1498	18.68	24.72	993	14.76	18.63	745	12.01	14.92	12.4	16.9	20.9	24.4	27.4	29.4	31.9	34.9	39.4	
1.18	11.0	13.0	1489	26.44	31.30	987	21.51	24.36	740	17.57	19.66	---	12.6	16.6	20.1	23.1	25.1	27.6	30.6	35.1	
1.18	8.0	9.5	1486	16.95	23.26	984	13.36	17.45	738	10.88	13.95	13.2	17.7	21.7	25.2	28.2	30.2	32.7	35.7	40.2	
1.19	7.5	9.0	1471	15.15	21.74	975	11.93	16.24	731	9.73	12.97	14.0	18.5	22.5	26.0	29.0	31.0	33.5	36.5	41.0	
1.19	10.0	12.0	1468	23.65	28.94	973	18.94	22.19	730	15.43	17.84	---	14.1	18.2	21.7	24.7	26.7	29.2	32.2	36.7	
1.20	7.0	8.5	1455	13.28	20.17	964	10.49	15.01	723	8.57	11.98	14.8	19.3	23.3	26.8	29.8	31.8	34.3	37.3	41.8	
1.21	9.0	11.0	1443	20.65	26.32	956	16.27	19.93	717	13.23	15.97	11.2	15.7	19.7	23.2	26.2	28.2	30.7	33.7	38.2	
1.22	13.0	16.0	1430	31.27	35.45	948	26.48	28.58	711	21.84	23.29	---	---	---	16.1	19.1	21.1	23.6	26.6	31.1	
1.22	8.5	10.5	1429	18.89	24.92	947	14.89	18.77	710	12.11	15.02	12.0	16.5	20.5	24.0	27.0	29.0	31.5	34.5	39.0	
1.23	10.5	13.0	1424	25.24	30.31	944	20.34	23.39	708	16.59	18.84	---	12.9	17.0	20.5	23.5	25.5	28.0	31.0	35.5	
1.24	8.0	10.0	1413	17.15	23.48	937	13.49	17.58	703	10.98	14.05	12.8	17.3	21.3	24.8	27.8	29.8	32.3	35.3	39.8	
1.24	16.0	20.0	1407	---	---	933	32.84	33.98	699	27.66	28.23	---	---	---	---	---	---	18.1	21.1	25.6	
1.25	9.5	12.0	1397	22.29	27.82	926	17.72	21.18	695	14.41	16.99	---	14.5	18.5	22.0	25.0	27.0	29.5	32.5	37.1	
1.25	7.5	9.5	1396	15.35	21.94	926	12.07	16.37	694	9.83	13.07	13.6	18.1	22.1	25.6	28.6	30.6	33.1	36.1	40.6	
1.26	11.0	14.0	1385	26.73	31.58	918	21.69	24.55	689	17.72	19.80	---	---	15.8	19.3	22.3	24.3				

SELECTION



C	S-L CLASSIC	CX	CLASSIC COG	STOCK DRIVE SELECTIONS
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Ratio	Belt Size/Center Distance																	
	C112 CX112	C120 CX120	C128 CX128	C136 CX136	C144 CX144	C158 CX158	C162 CX162	C173 CX173	C180 CX180	C195 CX195	C210 CX210	C240 CX240	C270 CX270	C300 CX300	C330 CX330	C360 CX360	C390 CX390	C420 CX420
1.00	46.5	50.5	54.5	58.5	62.5	69.5	71.5	77.0	80.5	88.0	95.5	109.5	124.5	139.5	154.5	169.5	184.5	199.5
1.00	45.7	49.7	53.7	57.7	61.7	68.7	70.7	76.2	79.7	87.2	94.7	108.7	123.7	138.7	153.7	168.7	183.7	198.7
1.00	44.9	48.9	52.9	56.9	60.9	67.9	69.9	75.4	78.9	86.4	93.9	107.9	122.9	137.9	152.9	167.9	182.9	197.9
1.00	44.1	48.1	52.1	56.1	60.1	67.1	69.1	74.6	78.1	85.6	93.1	107.1	122.1	137.1	152.1	167.1	182.1	197.1
1.00	43.3	47.3	51.3	55.3	59.3	66.3	68.3	73.8	77.3	84.8	92.3	106.3	121.3	136.3	151.3	166.3	181.3	196.3
1.00	42.5	46.5	50.5	54.5	58.5	65.5	67.5	73.0	76.5	84.0	91.5	105.5	120.5	135.5	150.5	165.5	180.5	195.5
1.00	41.8	45.8	49.7	53.7	57.7	64.8	66.8	72.3	75.8	83.3	90.8	104.8	119.7	134.8	149.7	164.8	179.8	194.7
1.00	41.0	45.0	49.0	53.0	57.0	64.0	66.0	71.5	75.0	82.5	90.0	104.0	119.0	134.0	149.0	164.0	179.0	194.0
1.00	40.2	44.2	48.2	52.2	56.2	63.2	65.2	70.7	74.2	81.7	89.2	103.2	118.2	133.2	148.2	163.2	178.2	193.2
1.00	38.6	42.6	46.6	50.6	54.6	61.6	63.6	69.1	72.6	80.1	87.6	101.6	116.6	131.6	146.6	161.6	176.6	191.6
1.00	37.0	41.0	45.0	49.0	53.0	60.0	62.0	67.5	71.0	78.5	86.0	100.0	115.0	130.0	145.0	160.0	175.0	190.0
1.00	35.5	39.5	43.5	47.5	51.5	58.5	60.5	66.0	69.5	77.0	84.5	98.5	113.5	128.5	143.5	158.5	173.5	188.5
1.00	32.3	35.3	40.3	44.3	48.3	55.3	57.3	62.8	66.3	73.8	81.3	95.3	110.3	125.3	140.3	155.3	170.3	185.3
1.05	40.6	44.6	48.6	52.6	56.6	63.6	65.6	71.1	74.6	82.1	89.6	103.6	118.6	133.6	148.6	163.6	178.6	193.6
1.05	41.4	45.4	49.4	53.4	57.4	64.4	66.4	71.9	75.4	82.9	90.4	104.4	119.4	134.4	149.4	164.4	179.4	194.4
1.05	42.1	46.1	50.1	54.1	58.1	65.1	67.1	72.6	76.1	83.6	91.1	105.1	120.1	135.1	150.1	165.1	180.1	195.1
1.05	42.9	46.9	50.9	54.9	58.9	65.9	67.9	73.4	76.9	84.4	91.9	105.9	120.9	135.9	150.9	165.9	180.9	195.9
1.06	43.7	47.7	51.7	55.7	59.7	66.7	68.7	74.2	77.7	85.2	92.7	106.7	121.7	136.7	151.7	166.7	181.7	196.7
1.06	44.5	48.5	52.5	56.5	60.5	67.5	69.5	75.0	78.5	86.0	93.5	107.5	122.5	137.5	152.5	167.5	182.5	197.5
1.06	45.3	49.3	53.3	57.3	61.3	68.3	70.3	75.8	79.3	86.8	94.3	108.3	123.3	138.3	153.3	168.3	183.3	198.3
1.07	48.1	50.1	54.1	58.1	62.1	69.1	71.1	76.6	80.1	87.6	95.1	109.1	124.1	139.1	154.1	169.1	184.1	199.1
1.07	36.3	40.3	44.3	48.3	52.3	59.3	61.3	66.8	70.3	77.8	85.3	99.3	114.3	129.3	144.3	159.3	174.3	189.3
1.08	37.8	41.8	45.8	49.8	53.8	60.8	62.8	68.3	71.8	79.3	86.8	100.8	115.8	130.8	145.8	160.8	175.8	190.8
1.09	39.4	43.4	47.4	51.4	55.4	62.4	64.4	69.9	73.4	80.9	88.4	102.4	117.4	132.4	147.4	162.4	177.4	192.4
1.10	41.0	45.0	49.0	53.0	57.0	64.0	66.0	71.5	75.0	82.5	90.0	104.0	119.0	134.0	149.0	164.0	179.0	194.0
	0.94	0.96	0.97	0.99	1.00	1.02	1.03	1.04	1.05	1.07	1.08	1.11	1.14	1.16	1.18	1.20	1.22	1.24
1.10	41.7	45.7	49.7	53.7	57.7	64.7	66.7	72.2	75.7	83.2	90.7	104.7	119.7	134.7	149.7	164.7	179.7	194.7
1.11	42.5	46.5	50.5	54.5	58.5	65.5	67.5	73.0	76.5	84.0	91.5	105.5	120.5	135.5	150.5	165.5	180.5	195.5
1.11	43.3	47.3	51.3	55.3	59.3	66.3	68.3	73.8	77.3	84.8	92.3	106.3	121.3	136.3	151.3	166.3	181.3	196.3
1.12	44.1	48.1	52.1	56.1	60.1	67.1	69.1	74.6	78.1	85.6	93.1	107.1	122.1	137.1	152.1	167.1	182.1	197.1
1.12	30.7	34.7	38.7	42.7	46.7	53.8	55.8	61.3	64.8	72.3	79.8	93.8	108.8	123.8	138.8	153.8	168.8	183.8
1.13	44.9	48.9	52.9	56.9	60.9	67.9	69.9	75.4	78.9	86.4	93.9	107.9	122.9	137.9	152.9	167.9	182.9	197.9
1.14	45.7	49.7	53.7	57.7	61.7	68.7	70.7	76.2	79.7	87.2	94.7	108.7	123.7	138.7	153.7	168.7	183.7	198.7
1.14	39.8	43.8	47.8	51.8	55.8	62.8	64.8	70.3	73.8	81.3	88.8	102.8	117.8	132.8	147.8	162.8	177.8	192.8
1.14	33.9	37.9	41.9	45.9	49.9	56.9	58.9	64.4	67.9	75.4	82.9	96.9	111.9	126.9	141.9	156.9	171.9	186.9
1.15	41.4	45.4	49.4	53.4	57.4	64.4	66.4	71.9	75.4	82.9	90.4	104.4	119.4	134.4	149.4	164.4	179.4	194.4
1.16	42.1	46.1	50.1	54.1	58.1	65.1	67.1	72.6	76.1	83.6	91.1	105.1	120.1	135.1	150.1	165.1	180.1	195.1
1.16	37.0	41.0	45.0	49.0	53.0	60.0	62.0	67.5	71.0	78.5	86.0	100.0	115.0	130.0	145.0	160.0	175.0	190.0
1.17	42.9	46.9	50.9	54.9	58.9	65.9	67.9	73.4	76.9	84.4	91.9	105.9	120.9	135.9	150.9	165.9	180.9	195.9
1.18	38.6	42.6	46.6	50.6	54.6	61.6	63.6	69.1	72.6	80.1	87.6	101.6	116.6	131.6	146.6	161.6	176.6	191.6
1.18	43.7	47.7	51.7	55.7	59.7	66.7	68.7	74.2	77.7	85.2	92.7	106.7	121.7	136.7	151.7	166.7	181.7	196.7
1.19	44.5	48.5	52.5	56.5	60.5	67.5	69.5	75.0	78.5	86.0	93.5	107.5	122.5	137.5	152.5	167.5	182.5	197.5
1.19	40.2	44.2	48.2	52.2	56.2	63.2	65.2	70.7	74.2	81.7	89.2	103.2	118.2	133.2	148.2	163.2	178.2	193.2
1.20	45.3	49.3	53.3	57.3	61.3	68.3	70.3	75.8	79.3	86.8	94.3	108.3	123.3	138.3	153.3	168.3	183.3	198.3
1.21	41.7	45.7	49.7	53.7	57.7	64.7	66.7	72.2	75.7	83.2	90.7	104.7	119.7	134.7	149.7	164.7	179.7	194.7
1.22	34.7	38.7	42.7	46.7	50.7	57.7	59.7	65.2	68.7	76.2	83.7	97.7	112.7	127.7	142.7	157.7	172.7	187.7
1.22	42.5	46.5	50.5	54.5	58.5	65.5	67.5	73.0	76.5	84.0	91.5	105.5	120.5	135.5	150.5	165.5	180.5	195.5
1.23	39.0	43.0	47.0	51.0	55.0	62.0	64.0	69.5	73.0	80.5	88.0	102.0	117.0	132.0	147.0	162.0	177.0	192.0
1.24	43.3	47.3	51.3	55.3	59.3	66.3	68.3	73.8	77.3	84.8	92.3	106.3	121.3	136.3	151.3	166.3	181.3	196.3
1.24	29.1	33.1	37.1	41.1	45.1	52.2	54.2	59.7	63.2	70.7	78.2	92.2	107.2	122.2	137.2	152.2	167.2	182.2
1.25	40.6	44.6	48.6	52.6	56.6	63.6	65.6	71.1	74.6	82.1	89.6	103.6	118.6	133.6	148.6	163.6	178.6	193.6
1.25	44.1	48.1	52.1	56.1	60.1	67.1	69.1	74.6	78.1	85.6	93.1	107.1	122.1	137.1	152.1	167.1	182.1	197.1
1.26	37.8	41.8	45.8	49.8	53.8	60.8	62.8	68.3	71.8	79.3	86.8	100.8	115.8	130.8	145.8	160.8	175.8	190.8
1.27	44.9	48.9	52.9	56.9	60.9	67.9	69.9	75.4	78.9	86.4	93.9	107.9	122.9	137.9	152.9	167.9	182.9	197.9
1.28	32.3	36.3	40.3	44.3	48.3	55.3	57.3	62.8	66.3	73.8	81.3	95.3	110.3	125.3	140.3	155.3	170.3	185.3



SELECTION

C S-L CLASSIC CX CLASSIC COG STOCK DRIVE SELECTIONS

Ratio	Stock Shv.		1750 RPM Driver			1160 RPM Driver			870 RPM Driver			Belt Size/Center Distance									
	Datum	Diam.	Driven RPM	HP Per Belt		Driven RPM	HP Per Belt		Driven RPM	HP Per Belt		C51 CX51	C60 CX60	C68 CX68	C75 CX75	C81 CX81	C85 CX85	C90 CX90	C96 CX96	C105 CX105	
	Driver	Driven		C	CX		C	CX		C	CX										
1.38	10.0	14.0	1264	24.12	29.40	838	19.25	22.50	628	15.66	18.07	---	12.4	16.5	20.0	23.0	25.0	27.5	30.5	35.1	
1.39	8.5	12.0	1256	19.26	25.29	833	15.14	19.01	624	12.29	15.20	10.7	15.3	19.3	22.8	25.8	27.8	30.3	33.3	37.8	
1.41	7.0	10.0	1245	13.74	20.63	825	10.79	15.31	619	8.80	12.21	13.5	18.0	22.1	25.6	28.6	30.6	33.1	36.1	40.6	
1.42	14.0	20.0	1235	33.44	37.38	819	28.99	30.75	614	24.03	25.19	---	---	---	---	---	---	19.5	22.6	27.1	
1.43	9.0	13.0	1228	21.00	26.77	814	16.57	20.23	610	13.46	16.20	---	14.0	18.1	21.6	24.6	26.6	29.1	32.1	36.6	
1.44	11.0	16.0	1216	27.05	31.90	806	21.91	24.76	605	17.88	19.96	---	---	14.0	17.6	20.6	22.6	25.1	28.1	32.7	
1.44	7.5	11.0	1213	15.71	22.30	804	12.30	16.61	603	10.01	13.25	12.3	16.8	20.9	24.4	27.4	29.4	31.9	34.9	39.4	
1.45	9.5	14.0	1203	22.67	28.19	797	17.97	21.42	598	14.60	17.17	---	12.8	16.9	20.4	23.4	25.4	27.9	30.9	35.4	
1.47	7.0	10.5	1188	13.83	20.71	788	10.85	15.37	591	8.84	12.25	13.1	17.6	21.6	25.2	28.2	30.2	32.7	35.7	40.2	
1.48	8.0	12.0	1185	17.59	23.90	786	13.78	17.87	589	11.19	14.27	11.1	15.6	19.6	23.2	26.2	28.2	30.7	33.7	38.2	
1.48	12.0	18.0	1179	29.61	34.09	782	24.43	26.90	596	20.02	21.79	---	---	15.1	18.2	20.2	22.7	25.7	30.3		
1.49	16.0	24.0	1176	---	---	780	33.13	34.26	585	27.88	28.45	---	---	---	---	---	---	---	---	22.2	
1.50	10.5	16.0	1163	25.74	30.80	771	20.67	23.72	578	16.83	19.08	---	---	14.4	17.9	21.0	23.0	25.5	28.5	33.0	
1.51	8.5	13.0	1162	19.39	25.43	770	15.23	19.10	578	12.36	15.27	---	14.4	18.4	22.0	25.0	27.0	29.5	32.5	37.0	
1.52	13.0	20.0	1150	31.80	35.97	762	26.83	28.93	571	22.10	23.55	---	---	---	---	---	17.7	20.2	23.3	27.8	
1.53	9.0	14.0	1142	21.12	26.89	757	16.65	20.31	568	13.51	16.25	---	13.2	17.2	20.7	23.8	25.8	28.3	31.3	35.8	
1.54	7.0	11.0	1136	13.90	20.78	753	10.89	15.41	565	8.87	12.28	12.7	17.2	21.2	24.7	27.7	29.8	32.3	35.3	39.8	
1.57	7.5	12.0	1115	15.83	22.42	739	12.39	16.69	554	10.07	13.31	11.4	16.0	20.0	23.5	26.5	28.6	31.1	34.1	38.6	
1.58	10.0	16.0	1110	24.33	29.62	735	19.39	22.64	552	15.77	18.18	---	---	14.7	18.3	21.3	23.3	25.9	28.9	33.4	
1.60	8.0	13.0	1097	17.69	24.00	727	13.85	17.94	545	11.25	14.32	---	14.8	18.8	22.3	25.3	27.4	29.9	32.9	37.4	
1.61	11.0	18.0	1084	27.21	32.06	719	22.01	24.87	539	17.96	20.04	---	---	---	15.8	18.9	20.9	23.4	26.5	31.0	
1.62	8.5	14.0	1082	19.48	25.52	717	15.29	19.16	538	12.41	15.31	---	13.5	17.6	21.1	24.1	26.1	28.7	31.7	36.2	
1.65	12.0	20.0	1064	29.74	34.22	705	24.52	26.99	529	20.08	21.85	---	---	---	---	16.3	18.4	20.9	24.0	28.5	
1.66	9.5	16.0	1056	22.83	28.36	700	18.08	21.53	525	14.68	17.26	---	---	15.1	18.6	21.7	23.7	26.2	29.3	33.8	
1.67	16.0	27.0	1047	---	---	694	33.22	34.36	521	27.95	28.52	---	---	---	---	---	---	---	---	---	
ARC-LENGTH CORRECTION FACTOR -->												0.75	0.79	0.82	0.84	0.86	0.87	0.88	0.90	0.92	
1.68	7.0	12.0	1044	13.99	20.87	692	10.95	15.48	519	8.92	12.33	11.8	16.3	20.4	23.9	26.9	28.9	31.4	34.4	39.0	
1.69	10.5	18.0	1037	25.87	30.93	687	20.75	23.80	515	16.90	19.15	---	---	---	16.1	19.2	21.2	23.8	26.8	31.4	
1.69	14.0	24.0	1033	33.67	37.62	685	29.15	30.91	513	24.15	25.31	---	---	---	---	---	---	---	---	23.6	
1.70	7.5	13.0	1032	15.91	22.50	684	12.44	16.74	513	10.11	13.35	10.5	15.1	19.2	22.7	25.7	27.7	30.2	33.2	37.8	
1.71	8.0	14.0	1021	17.76	24.07	677	13.90	17.99	507	11.28	14.35	---	13.9	17.9	21.5	24.5	26.5	29.0	32.0	36.6	
1.74	9.0	16.0	1003	21.25	27.02	665	16.73	20.40	499	13.56	16.32	---	---	15.4	19.0	22.0	24.1	26.6	29.6	34.1	
1.77	10.0	18.0	989	24.44	29.72	656	19.46	22.71	492	15.82	18.23	---	---	---	16.5	19.6	21.6	24.1	27.2	31.7	
1.79	11.0	20.0	978	27.30	32.15	648	22.07	24.93	486	18.00	20.09	---	---	---	---	17.0	19.1	21.6	24.7	29.3	
1.81	7.0	13.0	966	14.05	20.93	641	10.99	15.52	480	8.95	12.36	10.8	15.5	19.5	23.1	26.1	28.1	30.6	33.6	38.1	
1.82	13.0	24.0	961	31.97	36.15	637	26.94	29.05	478	22.18	23.64	---	---	---	---	---	---	---	19.6	24.3	
1.82	7.5	14.0	960	15.97	22.56	636	12.47	16.78	477	10.14	13.38	---	14.2	18.3	21.8	24.9	26.9	29.4	32.4	36.9	
1.84	8.5	16.0	950	19.59	25.62	630	15.36	19.23	472	12.46	15.37	---	---	15.8	19.4	22.4	24.4	27.0	30.0	34.5	
1.85	16.0	30.0	944	---	---	626	33.27	34.41	469	27.98	28.56	---	---	---	---	---	---	---	---	---	
1.86	9.5	18.0	942	22.92	28.44	624	18.14	21.59	468	14.73	17.30	---	---	---	16.8	19.9	22.0	24.5	27.5	32.1	
1.87	10.5	20.0	935	25.94	31.01	620	20.80	23.85	465	16.93	19.18	---	---	---	---	17.4	19.4	22.0	25.1	29.6	
1.90	14.0	27.0	920	33.75	37.70	610	29.20	30.96	457	24.19	25.35	---	---	---	---	---	---	---	---	20.7	
1.95	7.0	14.0	899	14.09	20.97	596	11.02	15.54	447	8.97	12.38	---	14.5	18.6	22.2	25.2	27.2	29.8	32.8	37.3	
1.95	8.0	16.0	896	17.85	24.15	594	13.95	18.04	446	11.32	14.40	---	---	16.1	19.7	22.8	24.8	27.3	30.3	34.9	
1.96	9.0	18.0	894	21.32	27.10	593	16.78	20.44	444	13.61	16.36	---	---	13.5	17.2	20.3	22.3	24.8	27.9	32.4	
1.96	10.0	20.0	892	24.60	29.79	591	19.50	22.75	444	15.85	18.26	---	---	---	---	17.7	19.8	22.3	25.4	30.0	
1.97	12.0	24.0	889	29.87	34.35	590	24.60	27.07	442	20.15	21.92	---	---	---	---	---	---	---	20.3	25.0	
2.04	13.0	27.0	856	32.03	36.21	567	26.98	29.09	425	22.21	23.67	---	---	---	---	---	---	---	---	21.4	
2.06	9.5	20.0	849	22.97	28.50	563	18.17	21.63	422	14.75	17.33	---	---	---	14.9	18.0	20.1	22.7	25.8	30.3	
2.07	8.5	18.0	846	19.65	25.68	561	15.40	19.27	421	12.49	15.39	---	---	13.8	17.5	20.6	22.6	25.2	28.2	32.8	
2.08	7.5	16.0	843	16.03	22.62	559	12.52	16.82	419	10.17	13.41	---	12.3	16.5	20.1	23.1	25.1	27.7	30.7	35.2	
2.11	14.0	30.0	829	33.80	37.74	549	29.24	30.99	412	24.22	25.37	---	---	---	---	---	---	---	---	---	
2.14	11.0	24.0	818	27.39	32.24	542	22.13	24.99	406	18.05	20.13	---	---	---	---	---	---	17.8	21.0	25.7	
2.17	9.0	20.0	806	21.37	27.14	535	16.81	20.47	401	13.64	16.38	---	---	---	15.2	18.4	20.4	23.0	26.1	30.7	
2.19	8.0	18.0	799	17.89	24.20	530	13.98	18.07	397	11.34	14.42	---	---	---	14.2	17.8	20.9	23.0	25.6	28.6	33.2
2.21	12.0	27.0	792	29.91	34.39	525	24.63	27.10	394	20.17	21.94	---	---	---	---	---	---	---	---	22.1	
2.22	7.0	16.0	790	14.14	21.03	523	11.05	15.58	393	9.00	12.41	---	12.6	16.8	20.4	23.5	25.5	28.0	31.1	35.6	
2.22	16.0	36.0	788	---	---	523	33.33	34.46	392	28.02	28.59	---	---	---	---	---	---	---	---	---	

NOTE: Selection program VIA-VISA available at www.ptwizd.com.

SELECTION



C	S-L CLASSIC	CX	CLASSIC COG	STOCK DRIVE SELECTIONS														
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Ratio	Belt Size/Center Distance																	
	C112 CX112	C120 CX120	C128 CX128	C136 CX136	C144 CX144	C158 CX158	C162 CX162	C173 CX173	C180 CX180	C195 CX195	C210 CX210	C240 CX240	C270 CX270	C300 CX300	C330 CX330	C360 CX360	C390 CX390	C420 CX420
1.38	38.6	42.6	46.6	50.6	54.6	61.6	63.6	69.1	72.6	80.1	87.6	101.6	116.6	131.6	146.6	161.6	176.6	191.6
1.39	41.3	45.3	49.3	53.3	57.3	64.3	66.3	71.8	75.3	82.8	90.3	104.3	119.3	134.3	149.3	164.3	179.3	194.3
1.41	44.1	48.1	52.1	56.1	60.1	67.1	69.1	74.6	78.1	85.6	93.1	107.1	122.1	137.1	152.1	167.1	182.1	197.1
1.42	30.6	34.6	38.6	42.7	46.7	53.7	55.7	61.2	64.7	72.2	79.7	93.7	108.7	123.7	138.7	153.7	168.7	183.7
1.43	40.1	44.1	48.1	52.1	56.1	63.1	65.1	70.7	74.2	81.7	89.2	103.2	118.2	133.2	148.2	163.2	178.2	193.2
1.44	36.2	40.2	44.2	48.2	52.2	59.2	61.2	66.7	70.2	77.7	85.2	99.2	114.2	129.2	144.2	159.2	174.2	189.2
1.44	42.9	46.9	50.9	54.9	58.9	65.9	67.9	73.4	76.9	84.4	91.9	105.9	120.9	135.9	150.9	165.9	180.9	195.9
1.45	38.9	42.9	46.9	51.0	55.0	62.0	64.0	69.5	73.0	80.5	88.0	102.0	117.0	132.0	147.0	162.0	177.0	192.0
1.47	43.7	47.7	51.7	56.7	59.7	66.7	68.7	74.2	77.7	85.2	92.7	106.7	121.7	136.7	151.7	166.7	181.7	196.7
1.48	41.7	45.7	49.7	53.7	57.7	64.7	66.7	72.2	75.7	83.2	90.7	104.7	119.7	134.7	149.7	164.7	179.7	194.7
1.48	33.8	37.8	41.8	45.8	49.8	56.8	58.8	64.3	67.8	75.3	82.8	96.9	111.9	126.9	141.9	156.9	171.9	186.9
1.49	25.7	29.7	33.7	37.7	41.7	48.7	50.7	56.2	59.7	67.2	74.7	88.7	103.7	118.7	133.7	148.7	163.7	178.7
1.50	36.5	40.5	44.5	48.5	52.5	59.5	61.5	67.0	70.5	78.0	85.5	99.5	114.5	129.5	144.5	159.5	174.5	189.5
1.51	40.5	44.5	48.5	52.5	56.5	63.5	65.5	71.0	74.5	82.0	89.5	103.5	118.5	133.5	148.5	163.5	178.5	193.5
1.52	31.3	35.3	39.3	43.3	47.3	54.3	56.3	61.8	65.3	72.8	80.3	94.3	109.3	124.3	139.3	154.3	169.3	184.3
1.53	39.3	43.3	47.3	51.3	55.3	62.3	64.3	69.8	73.3	80.8	88.3	102.3	117.3	132.3	147.3	162.3	177.3	192.3
1.54	43.3	47.3	51.3	55.3	59.3	66.3	68.3	73.8	77.3	84.8	92.3	106.3	121.3	136.3	151.3	166.3	181.3	196.3
1.57	42.1	46.1	50.1	54.1	58.1	65.1	67.1	72.6	76.1	83.6	91.1	105.1	120.1	135.1	150.1	165.1	180.1	195.1
1.58	36.9	40.9	44.9	48.9	52.9	59.9	61.9	67.4	70.9	78.4	85.9	99.9	114.9	129.9	144.9	159.9	174.9	189.9
1.60	40.9	44.9	48.9	52.9	56.9	63.9	65.9	71.4	74.9	82.4	89.9	103.9	118.9	133.9	148.9	163.9	178.9	193.9
1.61	34.5	38.5	42.5	46.5	50.5	57.5	59.5	65.0	68.5	76.0	83.5	97.5	112.5	127.5	142.5	157.5	172.5	187.5
1.62	39.7	43.7	47.7	51.7	55.7	62.7	64.7	70.2	73.7	81.2	88.7	102.7	117.7	132.7	147.7	162.7	177.7	192.7
1.65	32.1	36.1	40.1	44.1	48.1	55.1	57.1	62.6	66.1	73.6	81.1	95.1	110.1	125.1	140.1	155.1	170.1	185.1
1.66	37.3	41.3	45.3	49.3	53.3	60.3	62.3	67.8	71.3	78.8	86.3	100.3	115.3	130.3	145.3	160.3	175.3	190.3
1.67	23.0	27.1	31.2	35.3	39.3	46.3	48.3	53.8	57.3	64.8	72.3	86.3	101.3	116.3	131.3	146.3	161.3	176.3
0.94	0.95	0.97	0.98	0.99	1.01	1.02	1.03	1.04	1.06	1.08	1.11	1.03	1.16	1.18	1.20	1.22	1.24	
1.66	42.5	46.5	50.5	54.5	58.5	65.5	67.5	73.0	76.5	84.0	91.5	105.5	120.5	135.5	150.5	165.5	180.5	195.5
1.69	34.9	38.9	42.9	46.9	50.9	57.9	59.9	65.4	68.9	76.4	83.9	97.9	112.9	127.9	142.9	157.9	172.9	187.9
1.69	27.2	31.2	35.2	39.2	43.2	50.2	52.2	57.7	61.2	68.7	76.2	90.2	105.2	120.2	135.2	150.2	165.2	180.2
1.70	41.3	45.3	49.3	53.3	57.3	64.3	66.3	71.8	75.3	82.8	90.3	104.3	119.3	134.3	149.3	164.3	179.3	194.3
1.71	40.1	44.1	48.1	52.1	56.1	63.1	65.1	70.6	74.1	81.6	89.1	103.1	118.1	133.1	148.1	163.1	178.1	193.1
1.74	37.7	41.7	45.7	49.7	53.7	60.7	62.7	68.2	71.7	79.2	86.7	100.7	115.7	130.7	145.7	160.7	175.7	190.7
1.77	35.2	39.2	43.2	47.2	51.2	58.2	60.2	65.7	69.2	76.7	84.2	98.2	113.2	128.2	143.2	158.2	173.2	188.2
1.79	32.8	36.8	40.8	44.8	48.8	55.8	57.8	63.3	66.8	74.3	81.8	95.8	110.8	125.8	140.8	155.8	170.8	185.8
1.81	41.6	45.6	49.6	53.6	57.6	64.6	66.6	72.1	75.6	83.1	90.6	104.6	119.6	134.6	149.6	164.6	179.6	194.6
1.82	27.9	31.9	35.9	39.9	43.9	50.9	52.9	58.4	61.9	69.4	76.9	90.9	105.9	120.9	135.9	150.9	165.9	180.9
1.82	40.4	44.4	48.4	52.4	56.4	63.4	65.4	70.9	74.4	81.9	89.4	103.4	118.4	133.4	148.4	163.4	178.4	193.4
1.84	38.0	42.0	46.0	50.0	54.0	61.0	63.0	68.5	72.0	79.5	87.0	101.0	116.0	131.0	146.0	161.0	176.0	191.0
1.85	---	24.3	28.3	32.3	36.3	43.3	45.3	50.8	54.3	61.8	69.3	83.3	98.3	113.3	128.3	143.3	158.3	173.3
1.86	35.6	39.6	43.6	47.6	51.6	58.6	60.6	66.1	69.6	77.1	84.6	98.6	113.6	128.6	143.6	158.6	173.6	188.6
1.87	33.2	37.2	41.2	45.2	49.2	56.2	58.2	63.7	67.2	74.7	82.2	96.2	111.2	126.2	141.2	156.2	171.2	186.2
1.90	24.4	28.4	32.4	36.4	40.4	47.4	49.4	54.9	58.4	65.9	73.4	87.4	102.4	117.4	132.4	147.4	162.4	177.4
1.95	40.8	44.8	48.8	52.8	56.8	63.8	65.8	71.3	74.8	82.3	89.8	103.8	118.8	133.8	148.8	163.8	178.8	193.8
1.95	38.4	42.4	46.4	50.4	54.4	61.4	63.4	68.9	72.4	79.9	87.4	101.4	116.4	131.4	146.4	161.4	176.4	191.4
1.96	36.0	40.0	44.0	48.0	52.0	59.0	61.0	66.5	70.0	77.5	85.0	99.0	114.0	129.0	144.0	159.0	174.0	189.0
1.96	33.5	37.5	41.5	45.5	49.5	56.5	58.5	64.0	67.5	75.0	82.5	96.5	111.5	126.5	141.5	156.5	171.5	186.5
1.97	28.6	32.6	36.6	40.6	44.6	51.6	53.6	59.1	62.6	70.1	77.6	91.6	106.6	121.6	136.6	151.6	166.6	181.6
2.04	25.1	29.1	33.1	37.1	41.1	48.1	50.1	55.6	59.1	66.6	74.1	88.1	103.1	118.1	133.1	148.1	163.1	178.1
2.06	32.9	36.9	40.9	44.9	48.9	55.9	57.9	63.4	66.9	74.4	81.9	95.9	110.9	125.9	140.9	155.9	170.9	185.9
2.07	36.3	40.3	44.3	48.3	52.3	59.3	61.3	66.8	70.3	77.8	85.3	99.3	114.3	129.3	144.3	159.3	174.3	189.3
2.06	38.8	42.8	46.8	50.8	54.8	61.8	63.8	69.3	72.8	80.3	87.8	101.8	116.8	131.8	146.8	161.8	176.8	191.8
2.11	---	25.7	29.7	33.7	37.7	44.7	46.7	52.2	55.7	63.2	70.7	84.7	99.7	114.7	129.7	144.7	159.7	174.7
2.14	29.3	33.3	37.3	41.3	45.3	52.3	54.3	59.8	63.3	70.8	78.3	92.3	107.3	122.3	137.3	152.3	167.3	182.3
2.17	34.2	38.2	42.2	46.2	50.2	57.2	59.2	64.7	68.2	75.7	83.2	97.2	112.2	127.2	142.2	157.2	172.2	187.2
2.19	36.7	40.7	44.7	48.7	52.7	59.7	61.7	67.2	70.7	78.2	85.7	99.7	114.7	129.7	144.7	159.7	174.7	189.7
2.21	25.7	29.7	33.7	37.7	41.7	48.7	50.7	56.2	59.7	67.2	74.7	88.7	103.7	118.7	133.7	148.7	163.7	178.7
2.22	39.1	43.1	47.1	51.1	55.1	62.1	64.1	69.6	73.1	80.6	88.1	102.1	117.1	132.1	147.1	162.1	177.1	192.1
2.22	---	---	---	26.8	31.0	38.3	40.4	46.0	49.6	57.3	64.9	79.0	94.1	109.2	124.3	139.4	154.5	169.6
2.24	29.6	33.6	37.6	41.6	45.6	52.6	54.6	60.1	63.6	71.1	78.7	92.7	107.7	122.7	137.7	152.7	167.7	182.7
2.27	22.1	26.1	30.1	34.1	38.1	45.1	47.1	52.6	56.1	63.6	71.2	85.2	100.2	115.2	130.2	145.2	160.2	175.2
0.93	0.95	0.96	0.97	0.99	1.01	1.02	1.03	1.04	1.06	1.08	1.10	1.13	1.16	1.18	1.20	1.22	1.23	

NOTE: Selection program VIA-VISA available at www.ptwizard.com.

SELECTION

**C****S-L CLASSIC****CX****CLASSIC COG****STOCK DRIVE SELECTIONS**

Ratio	Stock Shv.		1750 RPM Driver			1160 RPM Driver			870 RPM Driver			Belt Size/Center Distance									
	Datum Diam.		Driven RPM	HP Per Belt		Driven RPM	HP Per Belt		Driven RPM	HP Per Belt		C51 CX51	C60 CX60	C68 CX68	C75 CX75	C81 CX81	C85 CX85	C90 CX90	C96 CX96	C105 CX105	
	Driver	Driven		C	CX		C	CX		C	CX										
2.29	8.5	20.0	763	19.68	25.71	506	15.42	19.29	380	12.50	15.41	---	---	---	15.5	18.7	20.8	23.4	26.5	31.0	
2.33	7.5	18.0	751	16.07	22.66	498	12.54	16.85	374	10.19	13.43	---	---	14.5	18.2	21.3	23.3	25.9	29.0	33.5	
2.35	10.0	24.0	746	24.56	29.85	494	19.54	22.79	371	15.88	18.29	---	---	---	---	---	---	18.4	21.6	26.3	
2.40	11.0	27.0	728	27.42	32.28	483	22.16	25.01	362	18.06	20.15	---	---	---	---	---	---	---	---	22.7	
2.43	8.0	20.0	721	17.92	24.23	478	14.00	18.09	358	11.36	14.43	---	---	---	15.8	19.0	21.1	23.7	26.8	31.4	
2.45	12.0	30.0	714	29.94	34.42	473	24.65	27.12	355	20.18	21.95	---	---	---	---	---	---	---	---	---	
2.48	9.5	24.0	710	23.03	28.55	471	18.20	21.66	353	14.78	17.35	---	---	---	---	---	18.8	22.0	26.7	---	
2.49	7.0	18.0	704	14.17	21.05	467	11.07	15.60	350	9.01	12.42	---	---	14.8	18.5	21.6	23.7	26.2	29.3	33.9	
2.51	10.5	27.0	696	26.05	31.11	461	20.87	23.92	346	16.99	19.23	---	---	---	---	---	---	---	---	23.0	
2.53	14.0	36.0	692	33.85	37.79	459	29.27	31.03	344	24.24	25.39	---	---	---	---	---	---	---	---	---	
2.58	7.5	20.0	678	16.09	22.68	449	12.56	16.86	337	10.20	13.44	---	---	---	16.2	19.4	21.5	24.1	27.1	31.7	
2.60	9.0	24.0	674	21.41	27.18	447	16.84	20.50	335	13.66	16.40	---	---	---	---	---	---	19.1	22.3	27.0	
2.63	10.0	27.0	664	24.59	29.87	440	19.56	22.81	330	15.89	18.31	---	---	---	---	---	---	---	---	23.4	
2.67	11.0	30.0	656	27.44	32.30	435	22.17	25.02	326	18.07	20.16	---	---	---	---	---	---	---	---	---	
2.71	16.0	44.0	646	---	---	428	33.36	34.49	321	28.05	28.62	---	---	---	---	---	---	---	---	---	
2.72	13.0	36.0	644	32.10	36.28	427	27.03	29.14	320	22.25	23.71	---	---	---	---	---	---	---	---	---	
2.74	8.5	24.0	638	19.72	25.75	423	15.44	19.32	317	12.52	15.43	---	---	---	---	---	16.6	19.4	22.6	27.3	
2.76	7.0	20.0	635	14.19	21.07	421	11.09	15.61	316	9.02	12.43	---	---	---	16.5	19.7	21.8	24.4	27.5	32.1	
2.77	9.5	27.0	632	23.05	28.57	419	18.22	21.67	314	14.79	17.36	---	---	---	---	---	---	---	18.8	23.7	
2.79	10.5	30.0	627	26.06	31.13	416	20.88	23.93	312	16.99	19.24	---	---	---	---	---	---	---	---	---	
2.90	8.0	24.0	602	17.95	24.26	399	14.02	18.11	300	11.37	14.45	---	---	---	---	---	16.9	19.7	22.9	27.7	
2.91	9.0	27.0	600	21.43	27.20	398	16.85	20.51	298	13.67	16.41	---	---	---	---	---	---	---	19.1	24.0	
2.92	10.0	30.0	599	24.60	29.89	397	19.57	22.82	298	15.90	18.31	---	---	---	---	---	---	---	---	20.1	
2.94	12.0	36.0	596	29.97	34.45	395	24.67	27.14	296	20.20	21.97	---	---	---	---	---	---	---	---	---	
3.07	9.5	30.0	570	23.06	28.58	378	18.23	21.68	283	14.79	17.37	---	---	---	---	---	---	---	---	20.4	
ARC-LENGTH CORRECTION FACTOR -->												---	---	0.76	0.79	0.82	0.83	0.85	0.87	0.89	
3.08	8.5	27.0	568	19.73	25.77	377	15.45	19.33	283	12.53	15.44	---	---	---	---	---	---	---	19.4	24.3	
3.08	14.0	44.0	568	33.88	37.82	376	29.29	31.05	282	24.25	25.41	---	---	---	---	---	---	---	---	---	
3.09	7.5	24.0	567	16.11	22.70	376	12.57	16.88	282	10.21	13.45	---	---	---	---	---	17.2	20.0	23.3	28.0	
3.19	11.0	36.0	648	27.47	32.32	363	22.18	25.04	272	18.08	20.17	---	---	---	---	---	---	---	---	---	
3.23	9.0	30.0	541	21.44	27.21	359	16.86	20.52	269	13.67	16.41	---	---	---	---	---	---	---	---	20.7	
3.26	8.0	27.0	536	17.96	24.27	356	14.03	18.12	267	11.38	14.45	---	---	---	---	---	---	---	19.7	24.6	
3.30	7.0	24.0	531	14.21	21.09	352	11.10	15.62	264	9.03	12.44	---	---	---	---	---	17.6	20.3	23.6	28.3	
3.31	13.0	44.0	528	32.13	36.30	350	27.05	29.15	263	22.26	23.72	---	---	---	---	---	---	---	---	---	
3.34	10.5	36.0	524	26.08	31.15	347	20.90	23.95	261	17.00	19.25	---	---	---	---	---	---	---	---	---	
3.42	8.5	30.0	512	19.74	25.77	340	15.46	19.33	255	12.53	15.44	---	---	---	---	---	---	---	---	21.0	
3.47	7.5	27.0	505	16.12	22.71	334	12.58	16.88	251	10.21	13.46	---	---	---	---	---	---	---	20.0	25.0	
3.50	10.0	36.0	500	24.62	29.90	331	19.58	22.83	249	15.91	18.32	---	---	---	---	---	---	---	---	---	
3.58	12.0	44.0	489	29.99	34.47	324	24.68	27.15	243	20.21	21.98	---	---	---	---	---	---	---	---	---	
3.62	8.0	30.0	484	17.97	24.28	321	14.04	18.12	240	11.38	14.46	---	---	---	---	---	---	---	---	21.3	
3.68	9.5	36.0	476	23.07	28.60	315	18.24	21.69	237	14.80	17.38	---	---	---	---	---	---	---	---	---	
3.70	7.0	27.0	473	14.22	21.10	313	11.10	15.63	235	9.04	12.44	---	---	---	---	---	---	---	20.3	25.3	
3.85	7.5	30.0	455	16.13	22.72	301	12.58	16.89	226	10.22	13.46	---	---	---	---	---	---	---	---	21.6	
3.87	9.0	36.0	452	21.45	27.22	300	16.87	20.53	225	13.68	16.42	---	---	---	---	---	---	---	---	---	
3.89	11.0	44.0	449	27.48	32.33	298	22.19	25.05	223	18.09	20.18	---	---	---	---	---	---	---	---	---	
4.07	10.5	44.0	430	26.10	31.16	285	20.91	23.95	214	17.01	19.26	---	---	---	---	---	---	---	---	---	
ARC-LENGTH CORRECTION FACTOR -->												---	---	---	---	---	0.74	0.77	0.80	0.84	
4.09	8.5	36.0	428	19.75	25.79	284	15.47	19.34	213	12.54	15.45	---	---	---	---	---	---	---	---	---	
4.11	7.0	30.0	426	14.22	21.11	282	11.11	15.63	212	9.04	12.45	---	---	---	---	---	---	---	---	21.9	
4.27	10.0	44.0	410	24.63	29.92	272	19.59	22.84	204	15.92	18.33	---	---	---	---	---	---	---	---	---	
4.33	8.0	36.0	404	17.98	24.29	268	14.04	18.13	201	11.39	14.46	---	---	---	---	---	---	---	---	---	
4.48	9.5	44.0	390	23.08	28.61	259	18.24	21.70	194	14.81	17.38	---	---	---	---	---	---	---	---	---	
4.61	7.5	36.0	380	16.14	22.73	252	12.59	16.90	189	10.22	13.46	---	---	---	---	---	---	---	---	---	
4.72	9.0	44.0	370	21.46	27.23	246	16.87	20.53	184	13.68	16.42	---	---	---	---	---	---	---	---	---	
4.92	7.0	36.0	356	14.23	21.11	236	11.11	15.64	177	9.04	12.45	---	---	---	---	---	---	---	---	---	
4.99	8.5	44.0	351	19.76	25.79	233	15.47	19.35	174	12.54	15.45	---	---	---	---	---	---	---	---	---	
5.29	8.0	44.0	331	17.99	24.29	219	14.05	18.13	165	11.39	14.47	---	---	---	---	---	---	---	---	---	
5.62	7.5	44.0	311	16.15	22.74	206	12.59	16.90	155	10.23	13.47	---	---	---	---	---	---	---	---	---	
6.00	7.0	44.0	292	14.24	21.12	193	11.12	15.64	145	9.04	12.45	---	---	---	---	---	---	---	---	---	
ARC-LENGTH CORRECTION FACTOR -->												---	---	---	---	---	---	---	---	---	0.79

NOTE: Selection program VIA-VISA available at www.ptwizd.com.

SELECTION



C	S-L CLASSIC	CX	CLASSIC COG	STOCK DRIVE SELECTIONS
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Ratio	Belt Size/Center Distance																	
	C112 CX112	C120 CX120	C128 CX128	C136 CX136	C144 CX144	C158 CX158	C162 CX162	C173 CX173	C180 CX180	C195 CX195	C210 CX210	C240 CX240	C270 CX270	C300 CX300	C330 CX330	C360 CX360	C390 CX390	C420 CX420
2.29	34.6	38.6	42.7	46.7	50.8	57.8	59.8	65.3	68.8	76.4	83.9	97.9	112.9	127.9	143.0	158.0	173.0	188.0
2.33	37.1	41.1	45.1	49.2	53.2	60.2	62.2	67.7	71.2	78.8	86.3	100.3	115.3	130.3	145.3	160.3	175.4	190.4
2.35	29.9	34.0	38.1	42.2	46.2	53.3	55.3	60.9	64.4	71.9	79.5	93.5	108.5	123.6	138.6	153.6	168.6	183.6
2.40	26.4	30.6	34.7	38.8	42.9	50.0	52.0	57.6	61.1	68.7	76.2	90.3	105.3	120.4	135.4	150.4	165.4	180.4
2.43	35.0	39.0	43.1	47.1	51.1	58.2	60.2	65.7	69.2	76.7	84.3	98.3	113.3	128.3	143.3	158.4	173.4	188.4
2.45	22.7	27.0	31.2	35.3	39.5	46.6	48.6	54.2	57.8	65.4	72.9	87.0	102.1	117.1	132.2	147.2	162.2	177.3
2.48	30.3	34.4	38.5	42.5	46.6	53.7	55.7	61.2	64.7	72.3	79.8	93.9	108.9	123.9	139.0	154.0	169.0	184.0
2.49	37.4	41.5	45.5	49.5	53.5	60.6	62.6	68.1	71.6	79.1	86.7	100.7	115.7	130.7	145.7	160.7	175.7	190.7
2.51	26.7	30.9	35.0	39.1	43.2	50.3	52.4	57.9	61.5	69.0	76.6	90.6	105.7	120.7	135.8	150.8	165.8	180.8
2.53	---	---	---	28.0	32.3	39.7	41.8	47.4	51.0	58.7	66.3	80.4	95.6	110.7	125.7	140.8	155.8	170.8
2.58	35.3	39.4	43.4	47.5	51.5	58.5	60.5	66.1	69.6	77.1	84.6	98.7	113.7	128.7	143.7	158.7	173.8	188.8
2.60	30.6	34.7	38.8	42.9	46.9	54.0	56.0	61.6	65.1	72.7	80.2	94.2	109.3	124.3	139.3	154.4	169.4	184.4
2.63	27.1	31.2	35.4	39.5	43.6	50.7	52.7	58.3	61.8	69.4	76.9	91.0	106.1	121.1	136.1	151.2	166.2	181.2
2.67	23.3	27.6	31.8	36.0	40.1	47.3	49.4	54.9	58.5	66.1	73.7	87.8	102.8	117.9	132.9	148.0	163.0	178.0
2.71	---	---	---	---	---	30.1	32.3	38.3	42.0	49.9	57.7	72.0	87.2	102.4	117.5	132.6	147.7	162.7
2.72	---	---	---	28.7	33.0	40.3	42.4	48.1	51.7	59.4	67.0	81.2	96.3	111.4	126.5	141.5	156.6	171.6
2.74	31.0	35.1	39.2	43.2	47.3	54.4	56.4	62.0	65.5	73.0	80.6	94.6	109.7	124.7	139.7	154.7	169.8	184.8
2.76	35.7	39.7	43.8	47.8	51.8	58.9	60.9	66.4	70.0	77.5	85.0	99.0	114.1	129.1	144.1	159.1	174.1	189.1
2.77	27.4	31.6	35.7	39.8	43.9	51.0	53.1	58.6	62.2	69.7	77.3	91.4	106.4	121.5	136.5	151.5	166.6	181.6
2.79	23.6	28.0	32.2	36.3	40.5	47.7	49.7	55.3	58.8	66.4	74.0	88.1	103.2	118.3	133.3	148.3	163.4	178.4
2.90	31.3	35.4	39.5	43.6	47.7	54.7	56.8	62.3	65.8	73.4	80.9	95.0	110.0	125.1	140.1	155.1	170.1	185.2
2.91	27.7	31.9	36.1	40.2	44.3	51.4	53.4	59.0	62.5	70.1	77.7	91.7	106.8	121.9	136.9	151.9	166.9	182.0
2.92	24.0	28.3	32.5	36.7	40.8	48.0	50.1	55.7	59.2	66.8	74.4	88.5	103.6	118.6	133.7	148.7	163.7	178.8
2.94	---	---	24.9	29.3	33.6	41.0	43.1	48.8	52.4	60.1	67.7	81.9	97.0	112.1	127.2	142.3	157.3	172.4
3.07	24.3	28.6	32.8	37.0	41.2	48.4	50.4	56.0	59.6	67.2	74.7	88.9	103.9	119.0	134.1	149.1	164.1	179.1
	0.91	0.93	0.94	0.95	0.97	1.00	1.01	1.02	1.03	1.05	1.07	1.10	1.12	1.15	1.17	1.19	1.21	1.23
3.08	28.1	32.3	36.4	40.5	44.6	51.8	53.8	59.4	62.9	70.5	78.0	92.1	107.2	122.2	137.3	152.3	167.3	182.3
3.08	---	---	---	---	---	31.3	33.6	39.6	43.3	51.2	59.0	73.4	88.7	103.8	119.0	134.1	149.2	164.2
3.09	31.6	35.8	39.9	43.9	48.0	55.1	57.1	62.7	66.2	73.8	81.3	95.4	110.4	125.5	140.5	155.5	170.5	185.5
3.19	---	---	25.5	29.9	34.3	41.7	43.8	49.5	53.1	60.8	68.4	82.6	97.8	112.9	127.9	143.0	158.1	173.1
3.23	24.6	28.9	33.2	37.4	41.5	48.7	50.7	56.4	59.9	67.5	75.1	89.2	104.3	119.4	134.4	149.5	164.5	179.5
3.26	28.4	32.6	36.7	40.9	45.0	52.1	54.1	59.7	63.3	70.8	78.4	92.5	107.6	122.6	137.6	152.7	167.7	182.7
3.30	32.0	36.1	40.2	44.3	48.4	55.5	57.5	63.0	66.6	74.1	81.7	95.7	110.8	125.8	140.9	155.9	170.9	185.9
3.31	---	---	---	---	---	31.9	34.2	40.2	44.0	51.9	59.7	74.1	89.4	104.6	119.7	134.8	149.9	165.0
3.34	---	---	25.8	30.3	34.6	42.0	44.1	49.8	53.4	61.1	68.8	83.0	98.1	113.2	128.3	143.4	158.4	173.5
3.42	24.9	29.3	33.5	37.7	41.8	49.0	51.1	56.7	60.3	67.9	75.5	89.6	104.7	119.7	134.8	149.8	164.9	179.9
3.47	28.7	32.9	37.1	41.2	45.3	52.5	54.5	60.1	63.6	71.2	78.8	92.9	107.9	123.0	138.0	153.1	168.1	183.1
3.50	---	---	26.1	30.6	34.9	42.3	44.4	50.2	53.8	61.5	69.1	83.3	98.5	113.6	128.7	143.8	158.8	173.9
3.58	---	---	---	---	---	32.6	34.8	40.9	44.6	52.6	60.4	74.8	90.1	105.3	120.4	135.5	150.6	165.7
3.62	25.2	29.6	33.8	38.0	42.2	49.4	51.4	57.1	60.6	68.2	75.8	89.9	105.0	120.1	135.2	150.2	165.3	180.3
3.68	---	---	26.4	30.9	35.2	42.7	44.8	50.5	54.1	61.8	69.5	83.7	98.8	114.0	129.1	144.1	159.2	174.2
3.70	29.0	33.3	37.4	41.6	45.7	52.8	54.8	60.4	64.0	71.6	79.1	93.2	108.3	123.4	138.4	153.4	168.5	183.5
3.85	25.5	29.9	34.2	38.4	42.5	49.7	51.8	57.4	61.0	68.6	76.2	90.3	105.4	120.5	135.5	150.6	165.6	180.7
3.87	---	---	26.7	31.2	35.6	43.0	45.1	50.8	54.5	62.2	69.8	84.0	99.2	114.3	129.4	144.5	159.6	174.6
3.89	---	---	---	---	---	33.2	35.4	41.5	45.3	53.2	61.0	75.5	90.8	106.0	121.2	136.3	151.4	166.5
4.07	---	---	---	---	---	33.5	35.7	41.8	45.6	53.5	61.4	75.8	91.1	106.3	121.5	136.6	151.7	166.8
	0.86	0.89	0.91	0.93	0.95	0.97	0.98	1.00	1.01	1.03	1.05	1.08	1.11	1.14	1.16	1.19	1.20	1.22
4.09	---	22.3	27.0	31.5	35.9	43.3	45.4	51.2	54.8	62.5	70.2	84.4	99.6	114.7	129.8	144.9	159.9	175.0
4.11	25.8	30.2	34.5	38.7	42.9	50.1	52.1	57.8	61.3	68.9	76.5	90.7	105.8	120.9	135.9	151.0	166.0	181.0
4.27	---	---	---	---	---	33.8	36.1	42.1	45.9	53.9	61.7	76.2	91.5	106.7	121.9	137.0	152.1	167.2
4.33	---	22.6	27.3	31.8	36.2	43.7	45.8	51.5	55.1	62.9	70.5	84.8	99.9	115.1	130.2	145.2	160.3	175.4
4.48	---	---	---	---	---	34.1	36.4	42.4	46.2	54.2	62.1	76.5	91.8	107.1	122.2	137.4	152.5	167.6
4.61	---	22.9	27.6	32.1	36.5	44.0	46.1	51.8	55.5	63.2	70.9	85.1	100.3	115.4	130.5	145.6	160.7	175.7
4.72	---	---	---	---	---	34.4	36.7	42.8	46.6	54.5	62.4	76.9	92.2	107.4	122.6	137.7	152.8	167.9
4.92	---	23.2	27.9	32.5	36.8	44.3	46.4	52.2	55.8	63.5	71.2	85.5	100.7	115.8	130.9	146.0	161.0	176.1
4.99	---	---	---	---	---	34.7	37.0	43.1	46.9	54.9	62.7	77.2	92.5	107.8	123.0	138.1	153.2	168.3
5.29	---	---	---	---	26.5	35.0	37.3	43.4	47.2	55.2	63.1	77.5	92.9	108.1	123.3	138.5	153.6	168.7
5.62	---	---	---	---	26.8	35.3	37.6	43.7	47.5	55.5	63.4	77.9	93.2	108.5	123.7	138.8	153.9	169.0
6.00	---	---	---	---	27.1	35.6	37.9	44.0	47.8	55.9	63.7	78.2	93.6	108.8	124.0	139.2	154.3	169.4
	0.82	0.85	0.87	0.89	0.91	0.95	0.96	0.98	0.99	1.01	1.04	1.07	1.10	1.13	1.16	1.18	1.20	1.22

NOTE: Selection program VIA-VISA available at www.ptwizard.com.

**D****S-L CLASSIC****STOCK DRIVE SELECTIONS**

Ratio	Stock Shv. Datum Diam.		1160 RPM Driver		870 RPM Driver		690 RPM Driver		Belt Size/Center Distance					
	Driver	Driven	Driven RPM	HP/Belt D	Driven RPM	HP/Belt D	Driven RPM	HP/Belt D	D120	D128	D144	D158	D162	D173
1.00	12.00	12.00	1160	28.43	870	24.56	690	21.13	42.8	46.8	54.8	61.8	63.8	69.3
1.00	13.00	13.00	1160	32.81	870	28.39	690	24.40	41.2	45.2	53.2	60.2	62.2	67.7
1.00	13.50	13.50	1160	34.92	870	30.26	690	26.02	40.5	44.5	52.5	59.5	61.5	67.0
1.00	14.00	14.00	1160	36.96	870	32.10	690	27.61	39.7	43.7	51.7	58.7	60.7	66.2
1.00	14.50	14.50	1160	38.93	870	33.92	690	29.19	38.9	42.9	50.9	57.9	59.9	65.4
1.00	15.00	15.00	1160	40.84	870	35.70	690	30.75	38.1	42.1	50.1	57.1	59.1	64.6
1.00	15.50	15.50	1160	42.68	870	37.45	690	32.30	37.3	41.3	49.3	56.3	58.3	63.8
1.00	16.00	16.00	1160	44.46	870	39.16	690	33.82	36.5	40.5	48.5	55.5	57.5	63.0
1.00	18.00	18.00	1160	50.84	870	45.70	690	39.74	33.4	37.4	45.4	52.4	54.4	59.9
1.00	22.00	22.00	1160	---	870	57.07	690	50.64	27.1	31.1	39.1	46.1	48.1	53.6
1.03	15.50	16.00	1125	43.34	844	37.94	669	32.69	36.9	40.9	48.9	55.9	57.9	63.4
1.03	15.00	15.50	1124	41.52	843	36.20	669	31.16	37.7	41.7	49.7	56.7	58.7	64.2
1.03	14.50	15.00	1123	39.63	842	34.44	668	29.61	38.5	42.5	50.5	57.5	59.5	65.0
1.03	14.00	14.50	1122	37.67	841	32.64	667	28.04	39.3	43.3	51.3	58.3	60.3	65.8
1.04	13.50	14.00	1120	35.66	840	30.82	666	26.46	40.1	44.1	52.1	59.1	61.1	66.6
1.04	13.00	13.50	1119	33.58	839	28.96	666	24.86	40.8	44.8	52.8	59.8	61.8	67.3
1.06	15.00	16.00	1090	42.09	818	36.64	648	31.50	37.3	41.3	49.3	46.3	58.3	63.8
1.07	14.50	15.50	1088	40.22	816	34.88	647	29.96	38.1	42.1	50.1	57.1	59.1	64.6
1.07	14.00	15.00	1086	38.28	814	33.10	646	28.40	38.9	42.9	50.9	57.9	59.9	65.4
1.07	13.50	14.50	1083	36.28	812	31.28	644	26.83	39.7	43.7	51.7	58.7	60.7	66.2
1.07	13.00	14.00	1081	34.22	810	29.44	643	25.24	40.5	44.5	52.5	59.5	61.5	67.0
1.08	12.00	13.00	1075	29.93	806	25.68	639	22.02	42.0	46.0	54.0	61.0	63.0	68.5
1.10	14.50	16.00	1055	40.72	791	35.26	628	30.26	37.7	41.7	49.7	56.7	58.7	64.2
1.10	14.00	15.00	1052	38.79	789	33.48	626	28.70	38.5	42.5	50.5	57.5	59.5	65.0
1.11	13.50	15.00	1048	36.80	786	31.67	624	27.14	39.3	43.3	51.3	58.3	60.3	65.8
ARC-LENGTH CORRECTION FACTOR -->									0.86	0.87	0.90	0.92	0.92	0.93
1.11	18.00	20.00	1047	52.74	786	47.13	623	40.87	31.8	35.8	43.8	50.8	52.8	58.3
1.11	13.00	14.50	1045	34.85	784	29.84	621	25.55	40.1	44.1	52.1	59.1	61.1	66.6
1.12	12.00	13.50	1037	30.48	777	26.09	617	22.34	41.6	45.6	53.6	60.6	62.6	68.1
1.12	16.00	18.00	1035	46.53	776	40.71	616	35.05	34.9	38.9	46.9	54.0	56.0	61.5
1.14	14.00	16.00	1020	39.22	765	33.80	607	28.96	38.1	42.1	50.1	57.1	59.1	64.6
1.14	13.50	15.50	1016	37.24	762	32.00	604	27.40	38.9	42.9	50.9	57.1	59.9	65.4
1.15	13.00	15.00	1011	35.19	758	30.17	602	25.82	39.7	43.7	51.7	58.7	60.7	66.2
1.16	15.50	18.00	1004	45.15	753	39.30	597	33.76	35.3	39.3	47.3	54.3	56.3	61.2
1.16	12.00	14.00	1001	30.93	751	26.44	595	24.61	41.2	45.2	53.2	60.2	62.2	67.7
1.18	13.50	16.00	985	37.60	739	32.28	586	27.62	38.5	42.5	50.5	57.5	59.5	65.0
1.18	13.00	15.50	980	35.56	735	30.45	583	26.04	39.3	43.3	51.3	58.3	60.3	65.8
1.19	15.00	18.00	973	43.67	730	37.82	579	32.43	35.7	39.7	47.7	54.7	56.7	62.2
1.20	12.00	14.50	968	31.31	726	26.72	576	22.84	40.8	44.8	52.8	59.8	61.8	67.3
1.22	18.00	22.00	955	53.86	716	47.97	568	41.53	30.2	34.2	42.2	49.2	51.2	56.7
1.22	13.00	16.00	950	35.87	713	30.68	565	26.22	38.9	42.9	50.9	57.9	59.9	65.4
1.22	22.00	27.00	950	---	712	59.37	565	52.46	---	27.1	35.1	42.1	44.1	49.6
1.23	14.50	18.00	942	42.08	706	36.27	560	31.06	36.1	40.1	48.1	55.1	57.1	62.6
1.24	12.00	15.00	937	31.62	703	26.95	557	23.02	40.4	44.4	52.4	59.4	61.4	66.9
1.24	16.00	20.00	935	47.67	701	41.57	556	35.73	33.3	37.3	45.3	52.4	54.4	59.9
1.27	14.00	18.00	911	40.38	683	34.67	542	29.65	36.5	40.5	48.5	55.5	57.5	63.0
1.28	12.00	15.50	908	31.88	681	27.15	540	23.18	40.0	44.0	52.0	59.0	61.0	66.5
1.28	15.50	20.00	907	46.14	680	40.04	539	34.36	33.7	37.7	45.7	52.7	54.7	60.2
1.32	12.00	16.00	880	32.10	660	27.31	524	23.31	39.6	43.6	51.6	58.6	60.6	66.1
1.32	13.50	18.00	879	38.59	660	33.02	523	28.20	36.9	40.9	48.9	55.9	57.9	63.4
1.32	15.00	20.00	878	44.52	659	38.46	523	32.94	34.1	38.1	46.1	53.1	55.1	60.6
1.36	16.00	22.00	852	48.33	639	42.07	507	36.12	31.7	35.7	43.7	50.7	52.7	58.2
1.36	14.50	20.00	850	42.81	638	36.83	506	31.50	34.5	38.5	46.5	53.5	55.5	61.0
1.37	13.00	18.00	848	36.71	636	31.31	505	26.72	37.2	41.2	49.2	56.2	58.2	63.7
1.40	15.50	22.00	826	46.72	620	40.47	492	34.69	32.0	36.1	44.1	51.1	53.1	58.6
1.41	14.00	20.00	822	41.01	617	35.15	489	30.03	34.8	38.8	46.8	53.8	55.8	61.3
1.45	15.00	22.00	801	45.02	601	38.83	476	33.24	32.4	36.4	44.4	51.4	53.4	58.9
1.46	13.50	20.00	794	39.13	595	33.42	472	28.52	35.2	39.2	47.2	54.2	56.2	61.7
1.48	12.00	18.00	786	32.68	589	27.75	467	23.66	38.0	42.0	50.0	57.0	59.0	64.5
1.48	18.00	27.00	782	55.12	586	48.91	465	42.28	25.9	30.0	38.1	45.1	47.1	52.6
1.49	22.00	33.00	780	---	585	60.28	464	53.18	---	---	30.0	37.1	39.1	44.6
ARC-LENGTH CORRECTION FACTOR -->									0.84	0.86	0.88	0.90	0.91	0.92

NOTE: Selection program VIA-VISA available at www.ptwizd.com.

**D****S-L CLASSIC****STOCK DRIVE SELECTIONS**

Ratio	Belt Size/Center Distance																
	D180	D195	D210	D225	D240	D255	D270	D300	D315	D330	D360	D390	D420	D480	D540	D600	D660
1.00	72.8	80.3	87.8	94.1	101.6	109.1	116.6	131.6	139.1	146.6	161.6	176.6	191.6	221.6	251.6	281.6	311.6
1.00	71.2	78.7	86.2	92.5	100.0	107.5	115.0	130.0	137.5	145.0	160.0	175.0	190.0	220.0	250.0	280.0	310.0
1.00	70.5	78.0	85.5	91.7	99.2	106.7	114.2	129.2	136.7	144.2	159.2	174.2	189.2	219.2	249.2	279.2	309.2
1.00	69.7	77.2	84.7	90.9	98.4	105.9	113.4	128.4	135.9	143.4	158.4	173.4	188.4	218.4	248.4	278.4	308.4
1.00	68.9	76.4	83.4	90.1	97.6	105.1	112.6	127.6	135.1	142.6	157.6	172.6	187.6	217.6	247.6	277.6	307.6
1.00	68.1	75.6	83.1	89.4	96.8	104.4	111.9	126.9	134.4	141.8	156.8	171.8	186.9	216.9	246.8	276.9	306.9
1.00	67.3	74.8	82.3	88.6	96.1	103.6	111.1	126.1	133.6	141.1	156.1	171.1	186.1	216.1	246.1	276.1	306.1
1.00	66.5	74.0	81.5	87.8	95.3	102.8	110.3	125.3	132.8	140.3	155.3	170.3	185.3	215.3	245.3	275.3	305.3
1.00	63.4	70.9	78.4	84.6	92.1	99.6	107.1	122.1	129.6	137.1	152.1	167.1	182.1	212.1	242.1	272.1	302.1
1.00	57.1	64.6	72.1	78.4	85.9	93.4	100.9	115.9	123.4	130.9	145.9	160.9	175.9	205.9	235.9	265.9	295.9
1.03	66.9	74.4	81.9	88.2	95.7	103.2	110.7	125.7	133.2	140.7	155.7	170.7	185.7	215.7	245.7	275.7	305.7
1.03	67.7	75.2	82.7	89.0	96.5	104.0	111.5	126.5	134.0	141.5	156.5	171.5	186.5	216.5	246.5	276.5	306.5
1.03	68.5	76.0	83.5	89.7	97.2	104.7	112.2	127.2	134.7	142.2	157.2	172.2	187.2	217.2	247.2	277.2	307.2
1.03	69.3	76.8	84.3	90.5	98.0	105.5	113.0	128.0	135.5	143.0	158.0	173.0	188.0	218.0	248.0	278.0	308.0
1.04	70.1	77.6	85.1	91.3	98.8	106.3	113.8	128.8	136.3	143.8	158.8	173.8	188.8	218.8	248.8	278.8	308.8
1.04	70.8	78.3	85.8	92.1	99.6	107.1	114.6	129.6	137.1	144.6	159.6	174.6	189.6	219.6	249.6	279.6	309.6
1.06	67.3	74.8	82.3	88.6	96.1	103.6	111.1	126.1	133.6	141.1	156.1	171.1	186.1	216.1	246.1	276.1	306.1
1.07	68.1	75.6	83.1	89.3	96.8	104.3	111.8	126.8	134.3	141.8	156.8	171.8	186.8	216.8	246.8	276.8	306.8
1.07	68.9	76.4	83.9	90.1	97.6	105.1	112.6	127.6	135.1	142.6	157.6	172.6	187.6	217.6	247.6	277.6	307.6
1.07	69.7	77.2	84.7	90.9	98.4	105.9	113.4	128.4	135.9	143.4	158.4	173.4	188.4	218.4	248.4	278.4	308.4
1.07	70.5	78.0	85.5	91.5	99.2	106.7	114.2	129.2	136.7	144.2	159.2	174.2	189.2	219.2	249.2	279.2	309.2
1.08	72.0	79.5	87.0	93.3	100.8	108.3	115.8	130.8	138.3	145.8	160.8	175.8	190.8	220.8	250.8	280.8	310.8
1.10	67.7	75.2	82.7	89.0	96.5	104.0	111.5	126.5	134.0	141.5	156.5	171.5	186.5	216.5	246.5	276.5	306.5
1.10	68.5	76.0	83.5	89.7	97.2	104.7	112.2	127.2	134.7	142.2	157.2	172.2	187.2	217.2	247.2	277.2	307.2
1.11	69.3	76.8	84.3	90.5	98.0	105.5	113.0	128.0	135.5	143.0	158.0	173.0	188.0	218.0	248.0	278.0	308.0
	0.94	0.96	0.97	0.99	1.00	1.01	1.02	1.04	1.05	1.05	1.08	1.10	1.11	1.14	1.16	1.19	1.20
1.11	61.8	69.3	76.8	83.1	90.6	98.1	105.6	120.6	128.1	135.6	150.6	165.6	180.6	210.6	240.6	270.6	300.6
1.11	70.1	77.6	85.1	91.3	98.8	106.3	113.8	128.8	136.3	143.8	158.8	173.8	188.8	218.8	248.8	278.8	308.8
1.12	71.6	79.1	86.6	92.9	100.4	107.9	115.4	130.4	137.9	145.4	160.4	175.4	190.4	220.4	250.4	280.4	310.4
1.12	65.0	72.5	80.0	86.2	93.7	101.2	108.7	123.7	131.2	138.7	153.7	168.7	183.7	213.7	243.7	273.7	303.7
1.14	68.1	75.6	83.1	89.3	96.8	104.3	111.8	126.8	134.3	141.8	156.8	171.8	186.8	216.8	246.8	276.8	306.8
1.14	68.9	76.4	83.9	90.1	97.6	105.1	112.6	127.6	135.1	142.6	157.6	172.6	187.6	217.6	247.6	277.6	307.6
1.15	69.7	77.2	84.7	90.9	98.4	105.9	113.4	128.4	135.9	143.4	158.4	173.4	188.4	218.4	248.4	278.4	308.4
1.16	65.3	72.8	80.3	86.6	94.1	101.6	109.1	124.1	131.6	139.1	154.1	169.1	184.1	214.1	244.1	274.1	304.1
1.16	71.2	78.7	86.2	92.5	100.0	107.5	115.0	130.0	137.5	145.0	160.0	175.0	190.0	220.0	250.0	280.0	310.0
1.18	68.5	76.0	83.5	89.7	97.2	104.7	112.2	127.2	134.7	142.2	157.2	172.2	187.2	217.2	247.2	277.2	307.2
1.18	69.3	76.8	84.3	90.5	98.0	105.5	113.0	128.0	135.5	143.0	158.0	173.0	188.0	218.0	248.0	278.0	308.0
1.19	65.7	73.2	80.7	87.0	94.5	102.0	109.5	124.5	132.0	139.5	154.5	169.5	184.5	214.5	244.5	274.5	304.5
1.20	70.8	78.3	85.8	92.1	99.6	107.1	114.6	129.6	137.1	144.6	159.6	174.6	189.6	219.6	249.6	279.6	309.6
1.22	60.2	67.7	75.2	81.5	89.0	96.5	104.0	119.0	126.5	134.0	149.0	164.0	179.0	209.0	239.0	269.0	299.0
1.22	68.9	76.4	83.9	90.1	97.6	105.1	112.6	127.6	135.1	142.6	157.6	172.6	187.6	217.6	247.6	277.6	307.6
1.22	53.1	60.6	68.1	74.4	81.9	89.4	96.9	111.9	119.4	126.9	141.9	156.9	171.9	201.9	231.9	261.9	291.9
1.23	66.1	73.6	81.1	87.4	94.9	102.4	109.9	124.9	132.4	139.9	154.9	169.9	184.9	214.9	244.9	274.9	304.9
1.24	70.4	77.9	85.4	91.7	99.2	106.7	114.2	129.2	136.7	144.2	159.2	174.2	189.2	219.2	249.2	279.2	309.2
1.24	63.4	70.9	78.4	84.6	92.1	99.6	107.1	122.1	129.6	137.1	152.1	167.1	182.1	212.1	242.1	272.1	302.1
1.27	66.5	74.0	81.5	87.8	95.3	102.8	110.3	125.3	132.8	140.3	155.3	170.3	185.3	215.3	245.3	275.3	305.3
1.28	70.0	77.5	85.0	91.3	98.8	106.3	113.8	128.8	136.3	143.8	158.8	173.8	188.8	218.8	248.8	278.8	308.8
1.28	63.7	71.2	78.7	85.0	92.5	100.0	107.5	122.5	130.0	137.5	152.5	167.5	182.5	212.5	242.5	272.5	302.5
1.32	69.6	77.1	84.6	90.9	98.4	105.9	113.4	128.4	135.9	143.4	158.4	173.4	188.4	218.4	248.4	278.4	308.4
1.32	66.9	74.4	81.9	88.1	95.6	103.1	110.6	125.6	133.1	140.6	155.6	170.6	185.6	215.6	245.6	275.6	305.6
1.32	64.1	71.6	79.1	85.4	92.9	100.4	107.9	122.9	130.4	137.9	152.9	167.9	182.9	212.9	242.9	272.9	302.9
1.36	61.7	69.3	76.8	83.0	90.5	98.0	105.5	120.5	128.0	135.5	150.5	165.5	180.5	210.5	240.6	270.6	300.6
1.36	64.5	72.0	79.5	85.8	93.3	100.8	108.3	123.3	130.8	138.3	153.3	168.3	183.3	213.3	243.3	273.3	303.3
1.37	67.3	74.8	82.3	88.5	96.0	103.5	111.0	126.0	133.5	141.0	156.0	171.0	186.0	216.1	246.1	276.1	306.1
1.40	62.1	69.6	77.1	83.4	90.9	98.4	105.9	120.9	128.4	135.9	150.9	165.9	180.9	210.9	240.9	270.9	300.9
1.41	64.9	72.4	79.9	86.2	93.7	101.2	108.7	123.7	131.2	138.7	153.7	168.7	183.7	213.7	243.7	273.7	303.7
1.45	62.5	70.0	77.5	83.8	91.3	98.8	106.3	121.3	128.8	136.3	151.3	166.3	181.3	211.3	241.3	271.3	301.3
1.46	65.3	72.8	80.3	86.5	94.0	101.6	109.1	124.1	131.6	139.1	154.1	169.1	184.1	214.1	244.1	274.1	304.1
1.48	68.0	75.5	83.0	89.3	96.8	104.3	111.8	126.8	134.3	141.8	156.8	171.8	186.8	216.8	246.8	276.8	306.8
1.48	56.1	63.7	71.2	77.4	85.0	92.5	100.0	115.0	122.5	130.0	145.0	160.0	175.0	205.0	235.0	265.0	295.0
1.49	48.2	55.7	63.2	69.5	77.0	84.5	92.1	107.1	114.6	122.1	137.1	152.1	167.1	197.1	227.2	257.2	287.2
	0.93	0.95	0.97	0.98	0.99	1.00	1.02	1.04	1.05	1.06	1.08	1.09	1.11	1.14	1.16	1.18	1.19

NOTE: Selection program VIA-VISA available at www.ptwizard.com.



SELECTION

STOCK DRIVE SELECTIONS

D	S-L CLASSIC
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Ratio	Stock Shv. Datum Diam.		1160 RPM Driver		870 RPM Driver		690 RPM Driver		Belt Size/Center Distance					
	Driver	Driven	Driven RPM	HP/Belt D	Driven RPM	HP/Belt D	Driven RPM	HP/Belt D	D120	D128	D144	D158	D162	D173
1.50	14.50	22.00	775	43.24	581	37.14	461	31.75	32.8	36.8	44.8	51.9	53.9	59.4
1.51	13.00	20.00	766	37.16	574	31.65	456	26.99	35.6	39.6	47.6	54.6	56.6	62.1
1.55	14.00	22.00	749	41.38	562	35.42	446	30.24	33.1	37.2	45.2	52.2	54.2	59.8
1.60	13.50	22.00	724	39.44	543	33.65	430	28.71	33.5	37.5	45.6	52.6	54.6	60.1
1.63	12.00	20.00	710	33.00	532	27.99	422	23.85	36.3	40.3	48.4	55.4	57.4	62.9
ARC-LENGTH CORRECTION FACTOR —>									0.84	0.85	0.88	0.90	0.91	0.92
1.66	13.00	22.00	698	37.43	524	31.85	415	27.15	33.9	37.9	46.0	53.0	55.0	60.5
1.66	16.00	27.00	698	49.07	523	42.62	415	36.57	27.3	31.4	39.5	46.6	48.6	54.1
1.71	15.50	27.00	677	47.37	507	40.96	403	35.08	27.7	31.8	39.9	46.9	48.9	54.5
1.77	15.00	27.00	656	45.58	492	39.25	390	33.57	28.0	32.1	40.2	47.3	49.3	54.9
1.79	12.00	22.00	647	33.19	485	28.13	385	23.96	34.6	38.6	46.7	53.7	55.7	61.3
1.80	22.00	40.00	646	---	484	60.65	384	53.47	---	---	---	---	32.7	38.4
1.81	18.00	33.00	642	55.62	482	49.29	382	42.58	---	---	32.8	39.9	41.9	47.5
1.83	14.50	27.00	635	43.73	476	37.51	378	32.04	28.4	32.5	40.6	47.7	49.7	55.2
1.89	14.00	27.00	614	41.80	460	35.74	365	30.49	28.7	32.8	40.9	48.0	50.0	55.6
1.96	13.50	27.00	593	39.80	444	33.93	353	28.92	29.1	33.2	41.3	48.4	50.4	56.0
2.02	16.00	33.00	573	49.38	430	42.86	341	36.75	---	25.8	34.1	41.3	43.4	48.9
2.03	13.00	27.00	572	37.74	429	32.09	340	27.34	29.4	33.5	41.7	48.7	50.8	56.3
2.09	15.50	33.00	556	47.64	417	41.16	331	35.24	---	26.1	34.5	41.7	43.7	49.3
2.15	22.00	48.00	539	---	405	60.81	321	53.60	---	---	---	---	---	---
2.15	15.00	33.00	539	45.82	404	39.43	320	33.72	---	26.4	34.8	42.0	44.1	49.7
2.18	18.00	40.00	531	55.84	399	49.45	316	42.71	---	---	---	33.3	35.4	41.1
2.19	12.00	27.00	530	33.43	397	28.31	315	24.10	30.1	34.2	42.4	49.5	51.5	57.0
2.23	14.50	33.00	521	43.94	391	37.67	310	32.17	---	26.8	35.1	42.4	44.4	50.0
2.30	14.00	33.00	504	41.99	378	35.88	300	30.61	---	27.1	35.5	42.7	44.7	50.4
2.38	13.50	33.00	487	39.97	365	34.05	290	29.02	---	27.4	35.8	43.0	45.1	50.7
ARC-LENGTH CORRECTION FACTOR —>									0.80	0.82	0.86	0.88	0.89	0.90
2.45	16.00	40.00	474	49.53	356	42.96	282	36.84	---	---	---	34.6	36.7	42.5
2.47	13.00	33.00	470	37.89	352	32.19	279	27.42	23.4	27.7	36.2	43.4	45.4	51.1
2.52	15.50	40.00	460	47.77	345	41.26	274	35.32	---	---	---	34.9	37.1	42.8
2.59	22.00	58.00	447	---	336	60.89	266	53.67	---	---	---	---	---	---
2.60	15.00	40.00	446	45.94	334	39.52	265	33.78	---	---	27.6	35.3	37.4	43.2
2.61	18.00	48.00	444	55.94	333	49.53	264	42.77	---	---	---	---	---	---
2.67	12.00	33.00	435	33.54	326	28.39	259	24.16	24.0	28.4	36.8	44.1	46.1	51.8
2.69	14.50	40.00	431	44.04	324	37.75	257	32.23	---	---	28.0	35.6	37.7	43.5
2.78	14.00	40.00	417	42.08	313	35.95	248	30.66	---	---	28.3	35.9	38.0	43.8
2.88	13.50	40.00	403	40.05	302	34.11	240	29.07	---	---	28.6	36.2	38.4	44.2
ARC-LENGTH CORRECTION FACTOR —>									0.79	0.82	0.86	0.88	0.89	0.90
2.93	16.00	48.00	396	49.60	297	43.02	236	36.88	---	---	---	---	---	34.2
2.99	13.00	40.00	389	37.96	291	32.25	231	27.46	---	---	28.9	36.6	38.7	44.5
3.02	15.50	48.00	384	47.83	288	41.31	229	35.36	---	---	---	---	---	34.5
3.12	15.00	48.00	372	46.00	279	39.56	221	33.82	---	---	---	---	---	34.8
3.15	18.00	58.00	368	56.00	276	49.57	219	42.81	---	---	---	---	---	---
3.22	14.50	48.00	360	44.09	270	37.79	214	32.26	---	---	---	---	---	35.1
3.22	12.00	40.00	360	33.59	270	28.43	214	24.20	---	---	29.5	37.2	39.3	45.2
3.33	14.00	48.00	348	42.13	261	35.98	207	30.69	---	---	---	---	---	35.4
3.45	13.50	48.00	337	40.09	252	34.14	200	29.10	---	---	---	---	---	35.7
3.53	16.00	58.00	329	49.64	246	43.05	195	36.90	---	---	---	---	---	---
ARC-LENGTH CORRECTION FACTOR —>									---	---	0.75	0.81	0.82	0.85
3.57	13.00	48.00	325	38.00	243	32.28	193	27.49	---	---	---	---	---	36.0
3.64	15.50	58.00	319	47.87	239	41.34	190	35.38	---	---	---	---	---	---
3.76	15.00	58.00	309	46.03	232	39.59	184	33.84	---	---	---	---	---	---
3.86	12.00	48.00	301	33.63	226	28.45	179	24.22	---	---	---	---	30.2	36.6
3.88	14.50	58.00	299	44.13	224	37.81	178	32.28	---	---	---	---	---	---
4.01	14.00	58.00	289	42.16	217	36.00	172	30.71	---	---	---	---	---	---
4.16	13.50	58.00	279	40.12	209	34.17	166	29.11	---	---	---	---	---	---
4.31	13.00	58.00	269	38.02	202	32.30	160	27.50	---	---	---	---	---	---
4.65	12.00	58.00	249	33.65	187	28.47	148	24.23	---	---	---	---	---	---
ARC-LENGTH CORRECTION FACTOR —>									---	---	---	---	0.74	0.77

NOTE: Selection program VIA-VISA available at www.ptwizd.com.

SELECTION



V-Drives

FHP Drives

Drive Component Accessories

DYNA-SYNC

HT200/HTD Synchronous Drives

HT500 Synchronous Drives

Roller Chain Sprockets

D

S-L CLASSIC

STOCK DRIVE SELECTIONS

Ratio	Belt Size/Center Distance																
	D180	D195	D210	D225	D240	D255	D270	D300	D315	D330	D360	D390	D420	D480	D540	D600	D660
1.50	62.9	70.4	77.9	84.9	91.7	99.2	106.7	121.7	129.2	136.7	151.7	166.7	181.7	211.7	241.7	271.7	301.7
1.51	65.7	73.2	80.7	86.9	94.4	101.9	109.4	124.4	131.9	139.5	154.5	169.5	184.5	214.5	244.5	274.5	304.5
1.55	63.3	70.8	78.3	84.5	92.1	99.6	107.1	122.1	129.6	137.1	152.1	167.1	182.1	212.1	242.1	272.1	302.1
1.60	63.6	71.2	78.7	84.9	92.4	99.9	107.4	122.5	130.0	137.5	152.5	167.5	182.5	212.5	242.5	272.5	302.5
1.63	66.4	73.9	81.4	87.7	95.2	102.7	110.2	125.2	132.7	140.2	155.2	170.2	185.2	215.2	245.2	275.3	305.3
	0.93	0.95	0.96	0.98	0.99	1.00	1.02	1.04	1.05	1.06	1.08	1.09	1.11	1.14	1.16	1.18	1.19
1.66	64.0	71.5	79.0	85.3	92.8	100.3	107.8	122.8	130.3	137.9	152.9	167.9	182.9	212.9	242.9	272.9	302.9
1.66	57.6	65.2	72.7	79.0	86.5	94.0	101.5	116.5	124.0	131.5	146.5	161.6	176.6	206.6	236.6	266.6	296.6
1.71	58.0	65.5	73.1	79.3	86.8	94.4	101.9	116.9	124.4	131.9	146.9	161.9	176.9	207.0	237.0	267.0	297.0
1.77	58.4	65.9	73.4	79.7	87.2	94.7	102.3	117.3	124.8	132.3	147.3	162.3	177.3	207.3	237.4	267.4	297.4
1.79	64.8	72.3	79.8	86.1	93.6	101.1	108.6	123.6	131.1	138.6	153.6	168.6	183.6	213.7	243.7	273.7	303.7
1.80	42.0	49.7	57.3	63.6	71.2	78.7	86.3	101.3	108.9	116.4	131.4	146.5	161.5	191.5	221.5	251.6	281.6
1.81	51.1	58.6	66.2	72.5	80.0	87.5	95.1	110.1	117.6	125.1	140.2	155.2	170.2	200.2	230.2	260.3	290.3
1.83	58.7	66.3	73.8	80.1	87.6	95.1	102.6	117.7	125.2	132.7	147.7	162.7	177.7	207.7	237.7	267.7	297.8
1.89	59.1	66.6	74.2	80.5	88.0	95.5	103.0	118.0	125.5	133.1	148.1	163.1	178.1	208.1	238.1	268.1	298.1
1.96	59.5	67.0	74.6	80.8	88.3	95.9	103.4	118.4	125.9	133.4	148.5	163.5	178.5	208.5	238.5	268.5	298.5
2.02	52.5	60.1	67.7	73.9	81.5	89.0	96.6	111.6	119.1	126.6	141.7	156.7	171.7	201.8	231.8	261.8	291.8
2.03	59.8	67.4	74.9	81.2	88.7	96.2	103.8	118.8	126.3	133.8	148.8	163.9	178.9	208.9	238.9	268.9	298.9
2.09	52.9	60.4	68.0	74.3	81.9	89.4	96.9	112.0	119.5	127.0	142.1	157.1	172.1	202.1	232.2	262.2	292.2
2.15	---	42.2	50.0	56.5	64.1	71.8	79.4	94.6	102.1	109.7	124.8	139.8	154.9	185.0	215.1	245.1	275.1
2.15	53.2	60.8	68.4	74.7	82.2	89.8	97.3	112.4	119.9	127.4	142.4	157.5	172.5	202.5	232.5	262.6	292.6
2.18	44.8	52.5	60.1	66.5	74.1	81.6	89.2	104.3	111.8	119.4	134.4	149.5	164.5	194.6	224.6	254.6	284.7
2.19	60.6	68.1	75.7	81.9	89.5	97.0	104.5	119.5	127.1	134.6	149.6	164.6	179.6	209.7	239.7	269.7	299.7
2.23	53.6	61.2	68.7	75.0	82.6	90.1	97.7	112.7	120.3	127.8	142.8	157.8	172.9	202.9	232.9	262.9	293.0
2.30	53.9	61.5	69.1	75.4	83.0	90.5	98.0	113.1	120.6	128.2	143.2	158.2	173.2	203.3	233.3	263.3	293.4
2.38	54.3	61.9	69.5	75.8	83.3	90.9	98.4	113.5	121.0	128.5	143.6	158.6	173.6	203.7	233.7	263.7	293.7
	0.91	0.93	0.95	0.96	0.98	0.99	1.00	1.03	1.04	1.05	1.07	1.09	1.10	1.13	1.16	1.18	1.19
2.45	46.1	53.9	61.5	67.9	75.5	83.1	90.6	105.8	113.3	120.8	135.9	151.0	166.0	196.1	226.1	256.2	286.2
2.47	54.6	62.2	69.8	76.1	83.7	91.2	98.8	113.9	121.4	128.9	143.9	159.0	174.0	204.0	234.1	264.1	294.1
2.52	46.5	54.2	61.9	68.2	75.8	83.4	91.0	106.1	113.7	121.2	136.3	151.3	166.4	196.5	226.5	256.5	286.6
2.59	---	---	---	46.6	54.6	62.5	70.3	85.7	93.4	101.0	116.2	131.4	146.5	176.7	206.8	236.9	267.0
2.60	46.8	54.5	62.2	68.6	76.2	83.8	91.4	106.5	114.0	121.6	136.7	151.7	166.8	196.8	226.9	256.9	287.0
2.61	36.8	44.8	52.7	59.2	66.9	74.6	82.2	97.4	105.0	112.6	127.7	142.8	157.9	188.0	218.1	248.1	278.2
2.67	55.3	62.9	70.5	76.9	84.4	92.0	99.5	114.6	122.1	129.6	144.7	159.7	174.8	204.8	234.8	264.9	294.9
2.69	47.1	54.9	62.6	68.9	76.6	84.2	91.7	106.9	114.4	122.0	137.0	152.1	167.1	197.2	227.3	257.3	287.3
2.78	47.5	55.2	62.9	69.3	76.9	84.5	92.1	107.2	114.8	122.3	137.4	152.5	167.5	197.6	227.6	257.7	287.7
2.88	47.8	55.6	63.3	69.6	77.3	84.9	92.5	107.6	115.1	122.7	137.8	152.8	167.9	198.0	228.0	258.1	288.1
	0.91	0.93	0.95	0.96	0.98	0.99	1.00	1.03	1.04	1.05	1.07	1.09	1.10	1.13	1.16	1.18	1.19
2.93	38.0	46.1	54.0	60.5	68.3	76.0	83.6	98.9	106.5	114.0	129.2	144.3	159.4	189.5	219.6	249.6	279.7
2.99	48.2	55.9	63.6	70.0	77.6	85.2	92.8	108.0	115.5	123.1	138.1	153.2	168.3	198.3	228.4	258.4	288.5
3.02	38.4	46.5	54.4	60.9	68.6	76.3	84.0	99.2	106.8	114.4	129.5	144.6	159.7	189.9	220.0	250.0	280.1
3.12	38.7	46.8	54.7	61.2	69.0	76.7	84.3	99.6	107.2	114.8	129.9	145.0	160.1	190.2	220.3	250.4	280.5
3.15	---	---	42.3	49.2	57.2	65.2	73.0	88.5	96.2	103.8	119.1	134.3	149.4	179.6	209.8	239.9	270.0
3.22	39.0	47.1	55.0	61.6	69.3	77.0	84.7	99.9	107.5	115.1	130.3	145.4	160.5	190.6	220.7	250.8	280.8
3.22	48.8	56.6	64.3	70.7	78.3	85.9	93.5	108.7	116.2	123.8	138.9	153.9	169.0	199.1	229.2	259.2	289.2
3.33	39.3	47.4	55.4	61.9	69.7	77.4	85.0	100.3	107.9	115.5	130.6	145.7	160.8	191.0	221.1	251.2	281.2
3.45	39.6	47.8	55.7	62.2	70.0	77.7	85.4	100.6	108.2	115.8	131.0	146.1	161.2	191.3	221.5	251.5	281.6
3.53	---	---	43.5	50.4	58.5	66.5	74.3	89.9	97.5	105.2	120.5	135.7	150.8	181.1	211.3	241.4	271.5
	0.86	0.89	0.91	0.93	0.95	0.97	0.98	1.01	1.02	1.03	1.05	1.07	1.09	1.12	1.15	1.17	1.18
3.57	39.9	48.1	56.0	62.6	70.3	78.1	85.7	101.0	108.6	116.2	131.3	146.5	161.6	191.7	221.8	251.9	282.0
3.64	---	---	43.8	50.8	58.9	66.8	74.7	90.2	97.9	105.6	120.8	136.0	151.2	181.5	211.6	241.8	271.9
3.76	---	---	44.1	51.1	59.2	67.2	75.0	90.5	98.2	105.9	121.2	136.4	151.6	181.8	212.0	242.1	272.2
3.86	40.6	48.7	56.7	63.2	71.0	78.7	86.4	101.7	109.3	116.9	132.1	147.2	162.3	192.5	222.6	252.7	282.7
3.88	---	---	44.4	51.4	59.5	67.5	75.3	90.9	98.6	106.3	121.5	136.8	151.9	182.2	212.4	242.5	272.6
4.01	---	---	44.7	51.7	59.8	67.8	75.7	91.2	98.9	106.6	121.9	137.1	152.3	182.6	212.7	242.9	273.0
4.16	---	36.2	45.0	52.0	60.2	68.1	76.0	91.6	99.3	107.0	122.2	137.5	152.7	182.9	213.1	243.3	273.4
4.31	---	36.5	45.3	52.3	60.5	68.5	76.3	91.9	99.6	107.3	122.6	137.8	153.0	183.3	213.5	243.6	273.7
4.65	---	37.1	45.9	53.0	61.1	69.1	77.0	92.6	100.3	108.0	123.3	138.5	153.7	184.0	214.2	244.4	274.5
	0.80	0.85	0.88	0.90	0.93	0.95	0.96	0.99	1.00	1.02	1.04	1.06	1.08	1.11	1.14	1.16	1.17

NOTE: Selection program VIA-VISA available at www.ptwizord.com.

SELECTION



V-Drives

A **S-L CLASSIC**

AX **CLASSIC COG**

Basic Horsepower Ratings

Faster Shaft RPM	Rated HP per Belt for Small Sheave Datum Dia.																							
	2.2		2.6		3.0		3.2		3.4		3.6		3.8		4.0		4.2		4.6		4.8		5.0	
	AX	AX	A	AX	A	AX	A	AX	A	AX	A	AX	A	AX	A	AX	A	AX	A	AX	A	AX	A	AX
870	1.02	1.40	1.31	1.78	1.51	1.96	1.71	2.14	1.91	2.32	2.10	2.50	2.30	2.68	2.49	2.86	2.87	3.20	3.06	3.38	3.25	3.55		
1160	1.22	1.70	1.62	2.18	1.87	2.41	2.13	2.64	2.38	2.87	2.63	3.10	2.88	3.32	3.13	3.55	3.62	3.98	3.85	4.20	4.10	4.42		
1750	1.52	2.21	2.13	2.87	2.50	3.20	2.86	3.52	3.21	3.83	3.57	4.15	3.92	4.46	4.26	4.77	4.94	5.37	5.28	5.67	5.61	5.96		
3500	1.97	3.14	3.02	4.26	3.63	4.80	4.22	5.34	4.80	5.86	5.36	6.37	5.91	6.88	6.44	7.37	7.44	8.32	7.92	8.78	8.38	9.23		
100	0.21	0.27	0.23	0.33	0.26	0.36	0.29	0.38	0.32	0.41	0.35	0.44	0.37	0.47	0.40	0.50	0.46	0.55	0.46	0.58	0.51	0.61		
200	0.36	0.47	0.42	0.57	0.47	0.63	0.52	0.68	0.57	0.73	0.63	0.78	0.68	0.83	0.73	0.88	0.83	0.99	0.88	1.04	0.93	1.09		
300	0.49	0.64	0.58	0.79	0.65	0.87	0.73	0.94	0.81	1.02	0.88	1.09	0.96	1.16	1.03	1.23	1.18	1.38	1.25	1.45	1.33	1.52		
400	0.60	0.80	0.72	0.99	0.82	1.09	0.92	1.18	1.02	1.28	1.12	1.37	1.22	1.46	1.31	1.56	1.50	1.74	1.60	1.83	1.70	1.92		
500	0.70	0.94	0.86	1.18	0.98	1.29	1.10	1.41	1.22	1.52	1.34	1.63	1.46	1.75	1.58	1.86	1.82	2.08	1.93	2.19	2.05	2.29		
600	0.80	1.08	0.99	1.35	1.14	1.49	1.28	1.62	1.42	1.75	1.56	1.88	1.70	2.01	1.84	2.14	2.11	2.40	2.25	2.53	2.39	2.65		
700	0.88	1.20	1.12	1.52	1.28	1.67	1.44	1.82	1.61	1.97	1.77	2.12	1.93	2.27	2.09	2.42	2.40	2.71	2.56	2.85	2.72	3.00		
800	0.97	1.32	1.23	1.67	1.42	1.84	1.60	2.01	1.78	2.18	1.97	2.35	2.15	2.52	2.33	2.68	2.68	3.00	2.86	3.17	3.03	3.32		
900	1.04	1.44	1.35	1.82	1.55	2.01	1.75	2.20	1.96	2.38	2.16	2.57	2.36	2.75	2.56	2.93	2.95	3.29	3.15	3.47	3.34	3.64		
1000	1.11	1.54	1.45	1.96	1.68	2.17	1.90	2.37	2.12	2.58	2.34	2.78	2.56	2.98	2.78	3.17	3.21	3.56	3.43	3.76	3.64	3.95		
1100	1.18	1.64	1.56	2.10	1.80	2.32	2.04	2.54	2.29	2.76	2.52	2.98	2.76	3.20	3.00	3.41	3.47	3.83	3.70	4.04	3.93	4.24		
1200	1.24	1.74	1.66	2.23	1.92	2.47	2.18	2.71	2.44	2.94	2.70	3.18	2.96	3.41	3.21	3.64	3.71	4.09	3.96	4.31	4.21	4.53		
1300	1.30	1.83	1.75	2.36	2.03	2.61	2.31	2.87	2.59	3.12	2.87	3.37	3.14	3.61	3.41	3.86	3.95	4.34	4.22	4.57	4.48	4.81		
1400	1.35	1.92	1.84	2.46	2.14	2.75	2.44	3.02	2.74	3.29	3.03	3.55	3.32	3.81	3.61	4.07	4.18	4.58	4.47	4.83	4.75	5.08		
1500	1.41	2.01	1.93	2.59	2.25	2.88	2.57	3.17	2.88	3.45	3.19	3.73	3.50	4.00	3.81	4.28	4.41	4.81	4.71	5.08	5.00	5.34		
1600	1.46	2.09	2.01	2.71	2.35	3.01	2.69	3.31	3.02	3.61	3.35	3.90	3.67	4.19	3.99	4.48	4.63	5.04	4.94	5.32	5.25	5.59		
1700	1.50	2.17	2.09	2.82	2.45	3.13	2.80	3.45	3.15	3.76	3.49	4.07	3.84	4.37	4.17	4.67	4.84	5.26	5.17	5.55	5.49	5.84		
1800	1.55	2.24	2.17	2.92	2.54	3.26	2.91	3.58	3.28	3.91	3.64	4.23	4.00	4.55	4.35	4.86	5.05	5.46	5.39	5.78	5.73	6.08		
1900	1.59	2.32	2.25	3.02	2.64	3.37	3.02	3.71	3.40	4.05	3.78	4.39	4.15	4.72	4.52	5.05	5.24	5.69	5.60	6.00	5.95	6.32		
2000	1.63	2.38	2.32	3.12	2.72	3.48	3.13	3.84	3.52	4.19	3.91	4.54	4.30	4.88	4.68	5.22	5.44	5.89	5.81	6.22	6.17	6.54		
2100	1.66	2.45	2.39	3.22	2.81	3.59	3.23	3.96	3.64	4.33	4.04	4.69	4.45	5.05	4.84	5.40	5.62	6.09	6.00	6.43	6.38	6.76		
2200	1.70	2.52	2.45	3.31	2.89	3.70	3.32	4.08	3.75	4.46	4.17	4.84	4.59	5.20	5.00	5.57	5.80	6.28	6.19	6.63	6.58	6.98		
2300	1.73	2.58	2.51	3.40	2.97	3.80	3.41	4.20	3.86	4.59	4.29	4.98	4.72	5.36	5.14	5.73	5.97	6.47	6.37	6.83	6.77	7.19		
2400	1.76	2.64	2.57	3.49	3.04	3.90	3.50	4.31	3.96	4.71	4.41	5.11	4.85	5.51	5.28	5.89	6.13	6.65	6.55	7.02	6.96	7.39		
2500	1.79	2.69	2.63	3.57	3.11	4.00	3.59	4.42	4.06	4.84	4.52	5.25	4.97	5.65	5.42	6.05	6.29	6.83	6.72	7.21	7.13	7.59		
2600	1.81	2.75	2.68	3.65	3.18	4.09	3.67	4.53	4.15	4.95	4.63	5.38	5.09	5.79	5.55	6.20	6.44	7.00	6.87	7.39	7.30	7.78		
2700	1.84	2.80	2.73	3.73	3.24	4.18	3.75	4.63	4.24	5.07	4.73	5.50	5.20	5.93	5.67	6.35	6.58	7.17	7.02	7.57	7.46	7.96		
2800	1.86	2.85	2.78	3.80	3.30	4.27	3.82	4.73	4.33	5.18	4.82	5.62	5.31	6.06	5.79	6.49	6.72	7.33	7.17	7.74	7.61	8.14		
2900	1.88	2.90	2.82	3.88	3.36	4.35	3.89	4.82	4.41	5.29	4.92	5.74	5.41	6.19	5.90	6.63	6.85	7.49	7.30	7.90	7.74	8.32		
3000	1.90	2.94	2.86	3.95	3.41	4.44	3.95	4.92	4.48	5.39	5.00	5.85	5.51	6.31	6.01	6.76	6.97	7.64	7.43	8.06	7.87	8.48		
3100	1.92	2.98	2.90	4.01	3.46	4.51	4.02	5.01	4.56	5.49	5.09	5.97	5.60	6.43	6.11	6.89	7.08	7.78	7.54	8.22	8.00	8.64		
3200	1.93	3.03	2.94	4.08	3.51	4.59	4.07	5.09	4.62	5.59	5.16	6.07	5.69	6.55	6.20	7.02	7.18	7.93	7.65	8.37	8.11	8.80		
3300	1.95	3.06	2.97	4.14	3.55	4.66	4.13	5.18	4.69	5.68	5.23	6.18	5.77	6.66	6.28	7.14	7.28	8.06	7.75	8.51	8.21	8.95		
3400	1.96	3.10	3.00	4.20	3.59	4.74	4.18	5.26	4.75	5.77	5.30	6.28	5.84	6.77	6.36	7.25	7.36	8.19	7.84	8.65	8.30	9.10		
3500	1.97	3.14	3.02	4.26	3.63	4.80	4.22	5.34	4.80	5.86	5.36	6.37	5.91	6.88	6.44	7.37	7.44	8.32	7.92	8.78	8.38	9.23		
3600	1.98	3.17	3.04	4.31	3.56	4.87	4.26	5.41	4.85	5.94	5.42	6.47	5.97	6.98	6.50	7.48	7.51	8.44	7.99	8.91	8.45	9.37		
3700	1.99	3.20	3.06	4.37	3.69	4.93	4.30	5.49	4.89	6.03	5.47	6.56	6.02	7.07	6.56	7.58	7.57	8.56	8.05	9.03	8.50	9.50		
3800	1.99	3.23	3.08	4.42	3.71	4.99	4.33	5.55	4.93	6.10	5.51	6.64	6.07	7.17	6.61	7.68	7.63	8.67	8.10	9.15	8.55	9.62		
3900	2.00	3.26	3.09	4.47	3.74	5.05	4.36	5.62	4.97	6.18	5.55	6.73	6.11	7.26	6.65	7.78	7.67	8.78	8.14	9.26	8.59	9.73		
4000	2.00	3.29	3.10	4.51	3.75	5.11	4.38	5.69	4.99	6.25	5.58	6.81	6.15	7.34	6.69	7.87	7.70	8.88	8.17	9.37	8.61	9.84		

NOTE: Selection program VIA-VISA available at www.ptwizd.com.

Roller Chain Sprockets

Synchronous Drives

HT200/HTD

DYNA-SYNC

Drive Component Accessories

FHP Drives

SELECTION



A	S-L CLASSIC	AX	CLASSIC COG
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Basic Horsepower Ratings

Faster Shaft RPM	Rated HP per Belt for Small Sheave Datum Dia.														Add'l HP/Belt for Speed Ratio of:									
	5.2		5.6		5.8		6.0		6.4		6.6		7.0		1.02	1.05	1.09	1.13	1.19	1.25	1.35	1.52	2.00	
	A	AX	A	AX	A	AX	A	AX	A	AX	A	AX	A	AX	1.04	1.08	1.12	1.18	1.24	1.34	1.51	1.99	& up	
870	3.44	3.72	3.81	4.05	3.99	4.22	4.18	4.38	4.54	4.71	4.72	4.87	5.08	5.19	0.03	0.05	0.08	0.10	0.13	0.15	0.16	0.20	0.23	
1160	4.34	4.63	4.81	5.05	5.04	5.26	5.28	5.47	5.74	5.87	5.96	6.08	6.42	6.48	0.03	0.06	0.10	0.13	0.17	0.20	0.21	0.26	0.29	
1750	5.94	6.25	6.59	6.83	6.90	7.11	7.22	7.39	7.84	7.94	8.14	8.21	8.73	8.75	0.04	0.09	0.15	0.20	0.26	0.30	0.35	0.40	0.44	
3500	8.82	9.68	9.64	10.53	10.02	10.94	10.38	11.34	11.03	12.10	11.32	12.47	---	---	0.08	0.19	0.31	0.41	0.52	0.60	0.70	0.79	0.87	
100	0.54	0.63	0.59	0.69	0.62	0.71	0.64	0.74	0.70	0.79	0.72	0.82	0.78	0.87	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	
200	0.98	1.13	1.09	1.23	1.14	1.28	1.19	1.33	1.29	1.43	1.34	1.47	1.43	1.57	0.00	0.01	0.02	0.02	0.03	0.03	0.04	0.04	0.05	
300	1.40	1.59	1.54	1.73	1.62	1.79	1.69	1.86	1.83	2.00	1.90	2.07	2.05	2.20	0.01	0.02	0.03	0.03	0.04	0.05	0.05	0.06	0.06	
400	1.79	2.01	1.98	2.18	2.07	2.27	2.17	2.36	2.35	2.53	2.44	2.62	2.63	2.79	0.01	0.02	0.03	0.04	0.06	0.07	0.08	0.09	0.09	
500	2.16	2.40	2.39	2.62	2.51	2.72	2.62	2.83	2.85	3.03	2.96	3.14	3.18	3.34	0.01	0.03	0.04	0.06	0.07	0.08	0.10	0.11	0.12	
600	2.52	2.78	2.79	3.03	2.93	3.15	3.06	3.27	3.33	3.51	3.46	3.63	3.72	3.87	0.01	0.03	0.05	0.07	0.09	0.10	0.12	0.13	0.15	
700	2.87	3.14	3.18	3.42	3.33	3.56	3.49	3.70	3.79	3.97	3.94	4.11	4.24	4.38	0.02	0.04	0.06	0.08	0.10	0.12	0.14	0.16	0.17	
800	3.21	3.48	3.55	3.80	3.73	3.95	3.90	4.11	4.24	4.41	4.41	4.56	4.74	4.86	0.02	0.04	0.07	0.09	0.12	0.14	0.16	0.18	0.20	
900	3.53	3.82	3.92	4.16	4.11	4.33	4.30	4.50	4.67	4.84	4.86	5.00	5.23	5.33	0.02	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.22	
1000	3.85	4.14	4.27	4.51	4.48	4.70	4.68	4.88	5.09	5.25	5.29	5.43	5.70	5.78	0.02	0.05	0.09	0.11	0.15	0.17	0.20	0.22	0.25	
1100	4.16	4.45	4.61	4.85	4.83	5.05	5.06	5.25	5.50	5.64	5.72	5.84	6.15	6.22	0.02	0.06	0.09	0.13	0.16	0.19	0.22	0.25	0.27	
1200	4.45	4.75	4.94	5.18	5.18	5.40	5.42	5.61	5.89	6.03	6.13	6.23	6.59	6.64	0.03	0.06	0.10	0.14	0.18	0.21	0.24	0.27	0.29	
1300	4.74	5.04	5.26	5.50	5.52	5.73	5.77	5.95	6.27	6.40	6.52	6.62	7.01	7.05	0.03	0.07	0.11	0.15	0.19	0.22	0.26	0.29	0.32	
1400	5.02	5.32	5.57	5.81	5.84	6.05	6.11	6.29	6.64	6.76	6.91	6.99	7.42	7.45	0.03	0.07	0.12	0.16	0.21	0.24	0.28	0.31	0.35	
1500	5.30	5.60	5.88	6.11	6.16	6.37	6.44	6.62	7.00	7.11	7.28	7.35	7.82	7.84	0.03	0.08	0.13	0.17	0.22	0.26	0.30	0.33	0.37	
1600	5.56	5.87	6.17	6.40	6.47	6.67	6.76	6.93	7.34	7.45	7.63	7.71	8.20	8.21	0.04	0.08	0.14	0.19	0.24	0.27	0.32	0.36	0.40	
1700	5.82	6.13	6.45	6.69	6.76	6.97	7.07	7.24	7.68	7.78	7.97	8.05	8.56	8.57	0.04	0.09	0.15	0.20	0.25	0.29	0.34	0.38	0.42	
1800	6.06	6.38	6.72	6.96	7.04	7.25	7.36	7.54	7.99	8.10	8.30	8.38	8.90	8.92	0.04	0.09	0.16	0.21	0.27	0.31	0.36	0.41	0.45	
1900	6.30	6.62	6.98	7.23	7.32	7.53	7.65	7.83	8.30	8.41	8.61	8.70	9.23	9.26	0.04	0.10	0.17	0.22	0.28	0.32	0.38	0.43	0.47	
2000	6.53	6.86	7.23	7.49	7.58	7.80	7.92	8.11	8.59	8.71	8.91	9.01	9.55	9.59	0.05	0.11	0.18	0.23	0.29	0.34	0.40	0.45	0.49	
2100	6.75	7.10	7.48	7.75	7.83	8.07	8.18	8.38	8.86	9.00	9.19	9.31	9.84	9.90	0.05	0.11	0.19	0.24	0.31	0.36	0.42	0.47	0.52	
2200	6.96	7.32	7.71	7.99	8.07	8.32	8.43	8.65	9.12	9.28	9.46	9.60	10.12	10.21	0.05	0.12	0.20	0.26	0.32	0.38	0.44	0.49	0.55	
2300	7.16	7.54	7.93	8.23	8.30	8.57	8.66	8.90	9.37	9.56	9.71	9.88	10.38	10.50	0.05	0.12	0.21	0.27	0.34	0.40	0.46	0.51	0.57	
2400	7.36	7.75	8.14	8.46	8.51	8.81	8.88	9.15	9.60	9.82	9.95	10.15	10.62	10.79	0.05	0.13	0.21	0.28	0.36	0.42	0.46	0.54	0.60	
2500	7.54	7.96	8.33	8.68	8.72	9.04	9.09	9.39	9.82	10.07	10.17	10.41	10.83	11.06	0.05	0.13	0.22	0.29	0.37	0.43	0.49	0.56	0.62	
2600	7.71	8.16	8.52	8.90	8.91	9.26	9.29	9.62	10.02	10.32	10.37	10.56	11.03	11.32	0.06	0.14	0.23	0.30	0.39	0.45	0.51	0.58	0.65	
2700	7.88	8.35	8.69	9.11	9.09	9.48	9.47	9.84	10.20	10.55	10.55	10.90	11.21	11.57	0.06	0.14	0.24	0.31	0.40	0.46	0.53	0.61	0.67	
2800	8.03	8.54	8.86	9.31	9.25	9.69	9.63	10.06	10.37	10.78	10.71	11.13	11.37	11.81	0.06	0.15	0.25	0.32	0.42	0.46	0.56	0.63	0.69	
2900	8.18	8.72	9.01	9.51	9.40	9.89	9.79	10.27	10.52	11.00	10.86	11.35	11.51	12.04	0.06	0.16	0.26	0.33	0.43	0.48	0.58	0.65	0.71	
3000	8.31	8.89	9.14	9.69	9.54	10.08	9.92	10.47	10.65	11.21	10.99	11.57	11.62	12.26	0.07	0.16	0.27	0.35	0.45	0.51	0.60	0.67	0.74	
3100	8.43	9.06	9.27	9.88	9.67	10.27	10.05	10.66	10.76	11.40	11.10	11.77	11.71	12.47	0.07	0.17	0.27	0.36	0.47	0.53	0.62	0.69	0.77	
3200	8.55	9.23	9.38	10.05	9.78	10.45	10.15	10.84	10.86	11.59	11.18	11.96	11.78	12.66	0.07	0.17	0.28	0.37	0.48	0.55	0.64	0.72	0.80	
3300	8.65	9.38	9.38	10.22	9.87	10.62	10.24	11.01	10.93	11.77	11.25	12.14	11.83	12.84	0.07	0.18	0.27	0.38	0.49	0.57	0.66	0.74	0.82	
3400	8.74	9.53	9.57	10.38	9.95	10.78	10.32	11.18	10.99	10.94	11.30	12.31	11.85	13.02	0.08	0.19	0.30	0.40	0.50	0.59	0.68	0.76	0.84	
3500	8.82	9.68	9.64	10.53	10.02	10.94	10.38	11.34	11.03	12.10	11.32	12.47	---	---	0.08	0.20	0.31	0.41	0.51	0.60	0.70	0.79	0.86	
3600	8.88	9.81	9.69	10.67	10.07	11.08	10.42	11.49	11.05	12.26	11.33	12.62	---	---	0.08	0.20	0.32	0.42	0.53	0.62	0.72	0.81	0.89	
3700	8.94	9.94	9.74	10.81	10.10	11.22	10.44	11.63	11.04	12.40	---	---	---	---	0.08	0.21	0.33	0.43	0.55	0.64	0.74	0.83	0.91	
3800	8.98	10.07	9.76	10.94	10.12	11.36	10.45	11.76	---	---	---	---	---	---	0.09	0.21	0.34	0.44	0.56	0.66	0.76	0.85	0.94	
3900	9.01	10.19	9.78	11.06	10.12	11.48	10.43	11.88	---	---	---	---	---	---	0.09	0.22	0.35	0.45	0.58	0.67	0.78	0.87	0.97	
4000	9.03	10.30	9.77	11.18	10.10	11.60	---	---	---	---	---	---	---	---	0.09	0.22	0.35	0.47	0.60	0.69	0.80	0.90	1.00	



Note: Shaded area indicates operation above 6500 FPM rim speed. Special sheave construction required.

NOTE: Selection program VIA-VISA available at www.ptwizd.com.

SELECTION



V-Drives

B	S-L CLASSIC	BX	CLASSIC COG
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Basic Horsepower Ratings

Faster Shaft RPM	Rated HP per Belt for Small Sheave Datum Dia.																			
	3.4		3.6		3.8		4.0		4.2		4.4		4.6		5.0		5.4		5.6	
	B	BX	B	BX	B	BX	B	BX	B	BX	B	BX	B	BX	B	BX	B	BX	B	BX
870	1.42	3.01	1.73	3.27	2.04	3.53	2.35	3.79	2.66	4.04	2.96	4.30	3.27	4.55	3.87	5.04	4.47	5.53	4.76	5.78
1160	1.65	3.72	2.05	4.06	2.45	4.38	2.84	4.71	3.24	5.03	3.63	5.35	4.02	5.67	4.78	6.29	5.54	6.91	5.92	7.21
1750	1.92	4.96	2.48	5.42	3.05	5.87	3.60	6.32	4.15	6.76	4.70	7.20	5.23	7.63	6.30	8.47	7.33	9.29	7.84	9.69
3500	1.37	7.27	2.27	7.96	3.16	8.64	4.01	9.28	4.84	9.91	5.64	10.51	6.41	11.08	7.87	12.14	92.0	13.10	9.82	13.53
100	0.31	0.53	0.36	0.56	0.40	0.60	0.44	0.64	0.49	0.68	0.53	0.72	0.57	0.76	0.56	0.84	0.75	0.91	0.79	0.95
200	0.53	0.94	0.61	1.01	0.70	1.08	0.78	1.16	0.86	1.23	0.94	1.30	1.02	1.37	1.19	1.51	1.35	1.65	1.43	1.72
300	0.71	1.30	0.83	1.41	0.95	1.51	1.07	1.62	1.19	1.72	1.31	1.82	1.43	1.92	1.66	2.13	1.89	2.33	2.01	2.42
400	0.87	1.64	1.03	1.78	1.18	1.91	1.34	2.05	1.49	2.18	1.64	2.31	1.80	2.44	2.10	2.70	2.40	2.95	2.55	3.08
500	1.01	1.96	1.20	2.13	1.39	2.29	1.58	2.45	1.77	2.61	1.96	2.77	2.14	2.93	2.51	3.24	2.88	3.55	3.06	3.70
600	1.14	2.26	1.36	2.45	1.59	2.64	1.81	2.83	2.03	3.02	2.25	3.20	2.47	3.39	2.90	3.75	3.33	4.11	3.55	4.29
700	1.25	2.55	1.51	2.77	1.76	2.98	2.02	3.20	2.27	3.41	2.53	3.62	2.78	3.83	3.28	4.25	3.77	4.66	4.01	4.86
800	1.35	2.82	1.64	3.07	1.93	3.31	2.22	3.55	2.50	3.79	2.79	4.02	3.07	4.26	3.63	4.72	4.18	5.18	4.46	5.41
900	1.45	3.09	1.77	3.36	2.09	3.62	2.41	3.89	2.72	4.15	3.04	4.41	3.35	4.67	3.97	5.18	4.58	5.68	4.89	5.93
1000	1.53	3.34	1.88	3.63	2.23	3.92	2.58	4.21	2.93	4.50	3.27	4.78	3.62	5.06	4.29	5.62	4.96	6.17	5.30	6.44
1100	1.61	3.58	1.99	3.90	2.37	4.21	2.75	4.53	3.12	4.84	3.50	5.14	3.87	5.44	4.60	6.04	5.33	6.63	5.69	6.92
1200	1.67	3.82	2.09	4.16	2.50	4.50	2.90	4.83	3.31	5.16	3.71	5.49	4.11	5.81	4.90	6.45	5.68	7.08	6.07	7.40
1300	1.73	4.04	2.18	4.41	2.62	4.77	3.05	5.12	3.48	5.47	3.91	5.82	4.34	6.17	5.18	6.85	6.02	7.52	6.43	7.85
1400	1.79	4.26	2.26	4.65	2.73	5.03	3.19	5.40	3.65	5.78	4.11	6.15	4.56	6.51	5.45	7.23	6.33	7.94	6.77	8.29
1500	1.83	4.47	2.33	4.88	2.83	5.28	3.32	5.68	3.80	6.07	4.29	6.46	4.77	6.85	5.71	7.60	6.64	8.34	7.10	8.71
1600	1.87	4.67	2.40	5.10	2.92	5.52	3.44	5.94	3.95	6.35	4.46	6.76	4.96	7.17	5.95	7.96	6.93	8.73	7.41	9.11
1700	1.90	4.87	2.46	5.32	3.01	5.76	3.55	6.20	4.09	6.63	4.62	7.05	5.15	7.48	6.19	8.30	7.20	9.11	7.70	9.50
1800	1.93	5.06	2.51	5.53	3.08	5.99	3.65	6.44	4.21	6.89	4.77	7.34	5.32	7.77	6.40	8.63	7.46	9.46	7.98	9.87
1900	1.95	5.24	2.55	5.73	3.15	6.21	3.74	6.68	4.33	7.15	4.91	7.61	5.48	8.06	6.61	8.95	7.70	9.81	8.24	10.23
2000	1.96	5.42	2.59	5.92	3.21	6.42	3.83	6.91	4.44	7.39	5.04	7.87	5.63	8.34	6.80	9.25	7.93	10.14	8.49	10.57
2100	1.97	5.58	2.62	6.11	3.27	6.62	3.91	7.13	4.54	7.63	5.16	8.12	5.77	8.60	6.97	9.54	8.14	10.45	8.71	10.89
2200	1.97	5.75	2.65	6.29	3.31	6.82	3.97	7.34	4.63	7.85	5.27	8.36	5.90	8.85	7.14	9.82	8.34	10.75	8.92	11.20
2300	1.96	5.90	2.66	6.46	3.35	7.00	4.03	7.54	4.70	8.07	5.36	8.59	6.02	9.09	7.29	10.08	8.51	11.03	9.11	11.49
2400	1.95	6.05	2.67	6.62	3.38	7.18	4.08	7.74	4.77	8.28	5.45	8.81	6.12	9.33	7.42	10.33	8.67	11.29	9.28	11.76
2500	1.93	6.19	2.67	6.78	3.40	7.36	4.12	7.92	4.83	8.47	5.53	9.02	6.21	9.54	7.54	10.57	8.82	11.54	9.44	12.01
2600	1.90	6.33	2.67	6.93	3.42	7.52	4.16	8.10	4.88	8.66	5.59	9.21	6.29	9.75	7.65	10.79	8.94	11.78	9.57	12.25
2700	1.87	6.46	2.65	7.08	3.42	7.68	4.18	8.27	4.92	8.84	5.65	9.40	6.36	9.95	7.74	11.00	9.05	11.99	9.68	12.47
2800	1.83	6.58	2.63	7.21	3.42	7.83	4.19	8.42	4.95	9.01	5.69	9.58	6.41	10.13	7.81	11.20	9.14	12.19	9.78	12.67
2900	1.78	6.70	2.60	7.34	3.41	7.97	4.20	8.57	4.97	9.17	5.72	9.74	6.45	10.30	7.87	11.38	9.21	12.38	9.85	12.85
3000	1.73	6.81	2.57	7.46	3.39	8.10	4.19	8.72	4.97	9.32	5.74	9.90	6.48	10.46	7.91	11.54	9.26	12.54	9.90	13.02
3100	1.67	6.92	2.53	7.58	3.36	8.22	4.17	8.85	4.97	9.45	5.74	10.04	6.50	10.61	7.94	11.69	9.29	12.69	9.93	13.16
3200	1.61	7.01	2.47	7.68	3.32	8.34	4.15	8.97	4.95	9.58	5.74	10.18	6.50	10.75	7.95	11.83	9.30	12.82	9.93	13.28
3300	1.53	7.10	2.42	7.78	3.28	8.45	4.11	9.08	4.93	9.70	5.72	10.30	6.48	10.87	7.94	11.95	9.29	12.93	9.92	13.39
3400	1.45	7.19	2.35	7.88	3.22	8.54	4.07	9.19	4.89	9.81	5.69	10.41	6.46	10.98	7.91	12.05	9.25	13.03	9.88	13.47
3500	1.37	7.27	2.27	7.96	3.16	8.64	4.01	9.28	4.84	9.91	5.64	10.51	6.41	11.08	7.87	12.14	9.20	13.10	9.82	13.53
3600	1.27	7.34	2.19	8.04	3.08	8.72	3.95	9.37	4.78	9.99	5.58	10.59	6.36	11.16	7.81	12.22	9.12	13.15	9.73	13.58
3700	1.17	7.40	2.10	8.11	3.00	8.79	3.87	9.44	4.71	10.07	5.51	10.67	6.29	11.23	7.73	12.27	9.03	13.19	9.62	13.59
3800	1.06	7.46	2.00	8.17	2.91	8.86	3.78	9.51	4.62	10.13	5.43	10.73	6.20	11.29	7.63	12.31	8.90	13.20	9.46	13.59
3900	0.94	7.51	1.89	8.23	2.80	8.91	3.68	9.57	4.52	10.19	5.33	10.78	6.10	11.33	7.51	12.34	8.76	13.20	9.32	13.57
4000	0.82	7.55	1.77	8.27	2.69	8.96	3.57	9.61	4.41	10.23	5.22	10.81	5.98	11.36	7.37	12.34	8.59	13.17	9.13	13.52

NOTE: Selection program VIA-VISA available at www.ptwizd.com.

Roller Chain Sprockets

Synchronous Drives

HT200/HTD Synchronous Drives

DYNA-SYNC

Drive Component Accessories

FHP Drives

SELECTION



V-Drives

FHP Drives

Drive Component Accessories

DYNA-SYNC

HT200/HTD Synchronous Drives

HT500 Synchronous Drives

Roller Chain Sprockets

B

S-L CLASSIC

BX

CLASSIC COG

Basic Horsepower Ratings

Faster Shaft RPM	Rated HP per Belt for Small Sheave Datum Dia.														Add'l HP/Belt for Speed Ratio of:								
	6.0		6.4		6.8		7.4		8.0		8.6		9.4		1.02	1.05	1.09	1.13	1.19	1.25	1.35	1.52	2.00
	B	BX	B	BX	B	BX	B	BX	B	BX	B	BX	B	BX	1.04	1.08	1.12	1.18	1.24	1.34	1.51	1.99	& up
870	5.35	6.26	5.93	6.73	6.50	7.20	7.36	7.89	8.19	8.56	9.02	9.23	10.10	10.09	0.04	0.01	0.17	0.22	0.28	0.32	0.38	0.42	0.47
1160	6.66	7.81	7.39	8.40	8.12	8.97	9.18	9.82	10.23	10.65	11.25	11.45	12.58	12.49	0.06	0.14	0.22	0.29	0.38	0.43	0.50	0.56	0.63
1750	8.85	10.47	9.83	11.24	10.78	11.98	12.17	13.04	13.50	14.06	14.77	15.02	16.36	16.21	0.09	0.20	0.34	0.44	0.66	0.56	0.70	0.79	0.88
3500	10.95	14.31	11.94	14.97	---	---	---	---	---	---	---	---	---	---	0.18	0.42	0.68	0.89	1.13	1.32	1.52	1.71	1.89
100	0.87	1.03	0.96	1.10	1.04	1.18	1.17	1.29	1.29	1.40	1.42	1.51	1.58	1.65	0.00	0.01	0.02	0.02	0.03	0.03	0.04	0.05	0.05
200	1.59	1.86	1.75	2.09	1.90	2.14	2.14	2.34	2.37	2.54	2.60	2.74	2.91	3.09	0.01	0.02	0.04	0.05	0.06	0.07	0.08	0.09	0.10
300	2.24	2.62	2.47	2.82	2.69	3.01	3.03	3.30	3.37	3.58	3.70	3.86	4.14	4.23	0.01	0.03	0.05	0.07	0.09	0.11	0.13	0.15	0.16
400	2.85	3.33	3.14	3.58	3.44	3.83	3.87	4.20	4.31	4.56	4.74	4.92	5.30	5.39	0.02	0.04	0.07	0.10	0.11	0.15	0.17	0.19	0.21
500	3.42	4.01	3.79	4.31	4.14	4.61	4.67	5.05	5.20	5.49	5.72	5.92	6.41	6.48	0.02	0.06	0.09	0.12	0.16	0.19	0.21	0.24	0.27
600	3.98	4.65	4.40	5.09	4.82	5.35	5.44	5.86	6.06	6.37	6.67	6.87	7.47	7.52	0.03	0.07	0.12	0.15	0.19	0.22	0.26	0.29	0.32
700	4.50	5.26	4.98	5.66	5.46	6.06	6.17	6.64	6.88	7.21	7.57	7.77	8.48	8.51	0.03	0.08	0.14	0.17	0.22	0.26	0.30	0.34	0.38
800	5.01	5.86	5.55	6.30	6.08	6.74	6.88	7.38	7.66	8.02	8.44	8.64	9.45	9.46	0.04	0.09	0.16	0.20	0.26	0.30	0.34	0.39	0.43
900	5.49	6.42	6.09	6.91	6.68	7.39	7.56	8.10	8.42	8.79	9.27	9.47	10.38	10.36	0.04	0.11	0.17	0.23	0.29	0.33	0.39	0.44	0.49
1000	5.96	6.97	6.61	7.50	7.25	8.02	8.20	8.78	9.14	9.53	10.06	10.26	11.26	11.21	0.05	0.12	0.19	0.25	0.32	0.37	0.43	0.49	0.54
1100	6.40	7.50	7.11	8.07	7.80	8.62	8.82	9.44	9.83	10.24	10.81	11.02	12.10	12.02	0.05	0.11	0.21	0.28	0.35	0.41	0.47	0.54	0.59
1200	6.83	8.01	7.58	8.61	8.32	9.20	9.42	10.07	10.49	10.92	11.53	11.74	12.89	12.79	0.06	0.14	0.23	0.30	0.39	0.45	0.52	0.58	0.65
1300	7.24	8.50	8.04	9.14	8.83	9.76	9.98	10.67	11.11	11.56	12.21	12.42	13.63	13.52	0.06	0.15	0.25	0.33	0.42	0.49	0.56	0.64	0.70
1400	7.63	8.97	8.47	9.64	9.30	10.29	10.52	11.25	11.70	12.17	12.85	13.06	14.33	14.20	0.07	0.16	0.27	0.35	0.45	0.53	0.60	0.68	0.76
1500	8.00	9.42	8.89	10.12	9.76	10.80	11.03	11.80	12.26	12.75	13.45	13.67	14.98	14.83	0.07	0.18	0.29	0.38	0.48	0.56	0.65	0.73	0.81
1600	8.35	9.85	9.28	10.58	10.19	11.29	11.51	12.32	12.78	13.30	14.01	14.24	15.57	15.42	0.08	0.19	0.31	0.41	0.52	0.60	0.69	0.78	0.86
1700	8.69	10.27	9.65	11.02	10.59	11.75	11.96	12.81	13.27	13.81	14.53	14.77	16.11	15.96	0.08	0.20	0.33	0.43	0.55	0.64	0.74	0.83	0.92
1800	9.00	10.67	10.09	11.44	10.97	12.19	12.37	13.27	13.72	14.29	15.00	15.25	16.60	16.44	0.09	0.21	0.35	0.45	0.58	0.68	0.78	0.88	0.97
1900	9.30	11.05	10.32	11.84	11.32	12.61	12.76	13.70	14.13	14.74	15.42	15.70	17.03	16.88	0.10	0.22	0.37	0.48	0.61	0.71	0.82	0.93	1.03
2000	9.57	11.41	10.63	12.22	11.65	13.00	13.11	14.11	14.50	15.14	15.80	16.10	17.39	17.26	0.10	0.24	0.39	0.51	0.65	0.75	0.87	0.97	1.08
2100	9.83	11.75	10.91	12.57	11.95	13.36	13.43	14.48	14.83	15.52	16.13	16.47	17.70	17.59	0.11	0.25	0.41	0.53	0.68	0.79	0.91	1.03	1.14
2200	10.06	12.07	11.16	12.91	12.22	13.70	13.72	14.82	15.11	15.85	16.40	16.78	17.94	17.85	0.11	0.26	0.42	0.56	0.71	0.82	0.95	1.08	1.19
2300	10.27	12.37	11.39	13.21	12.46	14.02	13.97	15.13	15.36	16.14	16.63	17.05	18.12	18.08	0.12	0.27	0.44	0.58	0.74	0.86	1.09	1.12	1.24
2400	10.46	12.65	11.59	13.50	12.67	14.30	14.18	15.41	15.56	16.40	16.80	17.27	18.22	18.23	0.12	0.28	0.46	0.61	0.78	0.90	1.02	1.18	1.30
2500	10.63	12.91	11.77	13.76	12.85	14.56	14.35	15.65	15.71	16.61	16.91	17.44	18.26	18.32	0.12	0.29	0.48	0.63	0.83	0.93	1.08	1.22	1.35
2600	10.78	13.15	11.92	14.00	13.00	14.79	14.49	15.86	15.81	16.79	16.96	17.56	---	---	0.13	0.31	0.50	0.56	0.84	0.97	1.13	1.27	1.41
2700	10.90	13.37	12.04	14.22	13.11	14.99	14.58	16.03	15.86	16.92	16.96	17.63	---	---	0.13	0.32	0.52	0.68	0.87	1.01	1.17	1.32	1.46
2800	10.99	13.57	12.14	14.40	13.20	15.17	14.63	16.17	15.87	17.00	16.42	17.74	---	---	0.14	0.33	0.54	0.71	0.91	1.05	1.21	1.37	1.51
2900	11.07	13.75	12.20	14.57	13.25	15.31	14.64	16.27	15.82	17.04	---	---	---	---	0.14	0.34	0.56	0.73	0.94	1.09	1.25	1.42	1.56
3000	11.11	13.90	12.24	14.70	13.26	15.42	14.61	16.33	15.81	17.09	---	---	---	---	0.15	0.36	0.58	0.76	0.97	1.12	1.30	1.47	1.62
3100	11.13	14.06	12.24	14.81	13.24	15.50	14.53	16.36	---	---	---	---	---	---	0.15	0.37	0.60	0.78	0.99	1.14	1.34	1.51	1.67
3200	11.13	14.14	12.21	14.90	13.18	15.55	14.41	16.34	---	---	---	---	---	---	0.16	0.38	0.62	0.81	1.02	1.19	1.39	1.56	1.73
3300	11.10	14.22	12.15	14.95	13.09	15.57	---	---	---	---	---	---	---	---	0.16	0.39	0.64	0.83	1.06	1.23	1.43	1.61	1.77
3400	11.04	14.28	12.06	14.98	12.95	15.55	---	---	---	---	---	---	---	---	0.17	0.40	0.66	0.85	1.10	1.28	1.47	1.56	1.84
3500	10.95	15.31	11.94	14.97	---	---	---	---	---	---	---	---	---	---	0.17	0.41	0.68	0.89	1.12	1.31	1.51	1.71	1.89
3600	10.83	14.32	11.78	14.94	---	---	---	---	---	---	---	---	---	---	0.18	0.43	0.70	0.92	1.15	1.35	1.56	1.76	1.95
3700	10.68	14.31	---	---	---	---	---	---	---	---	---	---	---	---	0.18	0.44	0.71	0.94	1.19	1.39	1.61	1.81	2.01
3800	10.50	14.26	---	---	---	---	---	---	---	---	---	---	---	---	0.19	0.45	0.73	0.96	1.23	1.43	1.66	1.86	2.06
3900	10.30	14.19	---	---	---	---	---	---	---	---	---	---	---	---	0.19	0.46	0.74	0.99	1.27	1.47	1.70	1.91	2.11
4000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.20	0.47	0.76	1.02	1.30	1.50	1.74	1.96	2.16



Note: Shaded area indicates operation above 6500 FPM rim speed. Special sheave construction required.

NOTE: Selection program VIA-VISA available at www.ptwizard.com.

SELECTION



V-Drives

C	S-L CLASSIC	CX	CLASSIC COG
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Basic Horsepower Ratings

Faster Shaft RPM	Rated HP per Belt for Small Sheave Datum Dia.																			
	6.0		6.5		7.0		7.5		8.0		8.5		9.0		9.5		10.0		10.5	
	C	CX	C	CX	C	CX	C	CX	C	CX	C	CX	C	CX	C	CX	C	CX	C	CX
870	5.57	9.32	6.78	10.36	7.98	11.39	9.16	12.40	10.33	13.40	11.48	14.39	12.62	15.36	13.74	16.32	14.85	17.26	15.95	18.20
1160	6.66	11.62	8.19	12.93	9.69	14.22	11.17	15.48	12.62	16.71	14.05	17.93	15.45	19.11	16.82	20.28	18.17	21.42	19.49	22.54
1750	8.07	15.57	10.11	17.30	12.09	18.97	14.00	20.59	15.84	22.15	17.62	23.65	19.32	25.09	20.94	26.47	22.49	27.78	23.96	29.02
3500	4.78	20.81	6.77	22.53	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
100	1.06	1.53	1.23	1.68	1.41	1.84	1.58	1.99	1.75	2.15	1.92	2.30	2.09	2.45	2.26	2.61	2.43	2.76	2.60	2.91
200	1.86	2.77	2.19	3.06	2.51	3.35	2.84	3.64	3.16	3.92	3.48	4.21	3.80	4.49	4.12	4.77	4.43	5.05	4.75	5.33
300	2.56	3.90	3.03	4.32	3.50	4.73	3.97	5.14	4.44	5.55	4.90	5.96	5.36	6.36	5.81	6.76	6.27	7.16	6.72	7.55
400	3.19	4.96	3.80	5.50	4.41	6.03	5.02	6.56	5.62	7.08	6.22	7.60	6.81	8.12	7.40	8.63	7.99	9.14	8.57	9.65
500	3.77	5.96	4.52	6.62	5.26	7.26	6.00	7.90	6.73	8.54	7.46	9.17	8.18	9.79	8.89	10.41	9.60	11.02	10.31	11.63
600	4.31	6.92	5.19	7.68	6.06	8.44	6.92	9.19	7.78	9.93	8.63	10.56	9.47	11.39	10.31	12.11	11.13	12.82	11.96	13.52
700	4.80	7.84	5.81	8.71	6.81	9.57	7.79	10.42	8.77	11.26	9.74	12.09	10.69	12.91	11.64	13.73	12.58	14.53	13.51	15.33
800	5.27	8.72	6.39	9.69	7.51	10.65	8.61	11.60	9.70	12.54	10.78	13.46	11.85	14.37	12.90	15.27	13.95	16.17	14.98	17.04
900	5.69	9.57	6.94	10.64	8.17	11.69	9.38	12.73	10.58	13.76	11.77	14.77	12.94	15.77	14.09	16.75	15.23	17.72	16.35	18.68
1000	6.09	10.38	7.45	11.55	8.79	12.69	10.11	13.82	11.41	14.94	12.69	16.03	13.96	17.11	15.20	18.17	16.43	19.21	17.63	20.23
1100	6.46	11.17	7.92	12.42	9.37	13.66	10.79	14.87	12.19	16.06	13.56	17.23	14.91	18.38	16.24	19.51	17.54	20.61	18.82	21.70
1200	6.79	11.92	8.36	13.26	9.90	14.58	11.42	15.87	12.91	17.14	14.37	18.38	15.80	19.59	17.20	20.78	18.57	21.94	19.91	23.08
1300	7.09	12.65	8.76	14.07	10.40	15.47	12.00	16.83	13.57	18.16	15.11	19.47	16.61	20.74	18.08	21.98	19.51	23.19	20.90	24.37
1400	7.36	13.35	9.13	14.85	10.85	16.31	12.53	17.74	14.18	19.14	15.78	20.50	17.35	21.82	18.87	23.11	20.35	24.36	21.78	25.58
1500	7.61	14.02	9.45	15.59	11.26	17.12	13.02	18.61	14.73	20.06	16.40	21.48	18.01	22.84	19.58	24.17	21.09	25.45	22.55	26.69
1600	7.82	14.66	9.75	16.30	11.62	17.89	13.45	19.44	15.22	20.94	16.94	22.39	18.60	23.79	20.19	25.15	21.73	26.45	23.21	27.70
1700	7.99	15.27	10.00	16.97	11.94	18.62	13.83	20.22	15.65	21.76	17.41	23.25	19.10	24.68	20.72	26.05	22.27	27.36	23.74	28.61
1800	8.14	15.85	10.21	17.61	12.22	19.31	14.15	20.95	16.02	22.53	17.81	24.04	19.52	25.49	21.14	26.86	22.69	28.17	24.15	29.41
1900	8.25	16.41	10.39	18.22	12.44	19.96	14.42	21.63	16.32	23.24	18.13	24.77	19.84	26.22	21.47	27.60	23.00	28.90	24.42	30.11
2000	8.33	16.93	10.52	18.79	12.62	20.57	14.63	22.27	16.55	23.89	18.37	25.43	20.08	26.88	21.69	28.25	23.18	29.52	24.56	30.69
2100	8.37	17.42	10.61	19.32	12.75	21.13	14.79	22.85	16.71	24.49	18.53	26.02	20.22	27.46	21.80	28.80	23.25	30.04	24.56	31.16
2200	8.38	17.89	10.56	19.82	12.82	21.65	14.88	23.39	16.80	25.02	18.60	26.55	20.27	27.96	21.80	29.27	23.18	30.45	24.41	31.51
2300	8.35	18.32	10.66	20.28	12.85	22.13	14.90	23.87	16.82	25.49	18.59	27.00	20.21	28.38	21.68	29.63	22.98	30.75	---	---
2400	8.28	18.72	10.62	20.70	12.81	22.56	14.86	24.29	16.76	25.90	18.49	27.38	20.05	28.71	21.44	29.90	---	---	---	---
2500	8.17	19.08	10.53	21.08	12.73	22.94	14.76	24.66	16.62	26.25	18.29	27.68	19.78	28.95	21.07	30.07	---	---	---	---
2600	8.03	19.42	10.39	21.42	12.58	25.27	14.25	24.98	16.39	23.52	18.00	27.90	19.40	29.11	---	---	---	---	---	---
2700	7.84	19.72	10.20	21.72	12.37	23.56	14.34	25.23	16.09	26.73	17.61	28.04	---	---	---	---	---	---	---	---
2800	7.61	19.98	9.97	21.98	12.10	23.80	14.02	25.43	15.69	26.87	---	---	---	---	---	---	---	---	---	---
2900	7.34	20.21	9.68	22.19	11.77	23.98	13.62	25.56	15.21	26.93	---	---	---	---	---	---	---	---	---	---
3000	7.03	20.41	9.33	22.37	11.38	24.11	13.15	25.63	---	---	---	---	---	---	---	---	---	---	---	---
3100	6.67	20.57	8.94	22.49	10.91	24.19	12.59	25.64	---	---	---	---	---	---	---	---	---	---	---	---
3200	6.27	20.69	8.48	22.57	10.38	24.21	---	---	---	---	---	---	---	---	---	---	---	---	---	---
3300	5.82	20.77	7.97	22.61	9.78	24.17	---	---	---	---	---	---	---	---	---	---	---	---	---	---
3400	5.32	20.81	7.40	22.59	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
3500	4.78	20.81	6.77	22.53	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
3600	4.18	20.77	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
3700	3.53	20.69	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
3800	2.83	20.57	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Note: Shaded area indicates operation above 6500 FPM rim speed. Special sheave construction required.

NOTE: Selection program VIA-VISA available at www.ptwizd.com.

SELECTION



V-Drives

FHP Drives

Drive Component
Accessories

DYNA-SYNC

HT200/HTD
Synchronous Drives

HT500
Synchronous Drives

Roller Chain Sprockets

C

S-L CLASSIC

CX

CLASSIC COG

Basic Horsepower Ratings

Faster	Rated HP per Belt for Small Sheave Datum Dia.										Add'l HP/Belt for Speed Ratio of:					
Shaft	11.0		12.0		13.0		14.0		16.0		1.03	1.10	1.20	1.40	1.80	3.00
RPM	C	CX	C	CX	C	CX	C	CX	C	CX	1.09	1.19	1.39	1.79	2.99	& up
870	17.03	19.12	19.15	20.92	21.21	22.66	23.20	24.36	27.00	27.57	0.13	0.37	0.59	0.82	0.97	1.05
1160	20.78	23.63	23.27	25.74	25.64	27.75	27.88	29.64	31.96	33.10	0.17	0.49	0.79	1.09	1.30	1.40
1750	25.35	30.20	27.86	32.34	30.00	34.18	---	---	---	---	0.26	0.74	1.19	1.65	1.96	2.11
3500	---	---	---	---	---	---	---	---	---	---	0.52	1.47	2.37	3.30	3.92	4.22
100	2.76	3.06	3.10	3.35	3.43	3.65	3.75	3.94	4.40	4.51	0.01	0.04	0.07	0.09	0.11	0.12
200	5.06	5.60	5.68	6.15	6.30	6.69	6.91	7.22	8.12	8.28	0.03	0.08	0.14	0.19	0.22	0.24
300	7.17	7.94	8.06	8.72	8.95	9.49	9.82	10.25	11.55	11.74	0.04	0.13	0.20	0.28	0.34	0.36
400	9.15	10.15	10.29	11.14	11.43	12.12	12.55	13.08	14.75	14.98	0.06	0.17	0.27	0.38	0.45	0.48
500	11.01	12.23	12.39	13.43	13.76	14.60	15.11	15.75	17.75	18.01	0.07	0.21	0.34	0.47	0.56	0.60
600	12.77	14.22	14.38	15.60	15.96	16.95	17.51	18.27	20.54	20.85	0.09	0.25	0.41	0.57	0.67	0.72
700	14.43	16.11	16.24	17.66	18.02	19.17	19.76	20.65	23.12	23.51	0.10	0.29	0.47	0.66	0.78	0.84
800	15.99	17.91	17.99	19.61	19.94	21.27	21.84	22.88	25.48	25.97	0.12	0.34	0.54	0.75	0.90	0.97
900	17.46	19.62	19.62	21.46	21.73	23.24	23.76	24.96	27.62	28.23	0.13	0.38	0.61	0.85	1.01	1.09
1000	18.82	21.24	21.13	23.20	23.36	25.08	25.50	26.89	29.50	30.28	0.15	0.42	0.68	0.94	1.12	1.21
1100	20.08	22.76	22.51	24.82	24.83	26.79	27.05	28.66	31.12	32.11	0.16	0.46	0.75	1.04	1.23	1.33
1200	21.22	24.19	23.75	26.33	26.15	28.35	28.40	30.26	32.47	33.71	0.18	0.51	0.81	1.13	1.34	1.45
1300	22.26	25.52	24.85	27.72	27.28	29.77	29.54	31.69	33.51	35.06	0.19	0.55	0.88	1.23	1.45	1.57
1400	23.17	26.75	25.80	28.98	28.24	31.04	30.46	32.93	34.24	36.16	0.21	0.59	0.95	1.32	1.57	1.69
1500	23.96	27.88	26.60	30.11	29.00	32.15	31.15	33.98	34.63	36.98	0.22	0.63	1.02	1.41	1.68	1.81
1600	24.62	28.89	27.23	31.11	29.56	33.09	31.59	34.83	---	---	0.24	0.67	1.09	1.51	1.79	1.93
1700	25.14	29.79	27.69	31.97	29.91	33.86	31.77	35.47	---	---	0.25	0.72	1.15	1.60	1.90	2.05
1800	25.52	30.58	27.98	32.67	30.04	34.45	---	---	---	---	0.27	0.76	1.22	1.70	2.01	2.17
1900	25.75	31.24	28.07	33.23	---	---	---	---	---	---	0.28	0.80	1.29	1.79	2.13	2.29
2000	25.82	31.77	27.97	33.63	---	---	---	---	---	---	0.30	0.84	1.36	1.89	2.24	2.41
2100	25.74	32.18	---	---	---	---	---	---	---	---	0.31	0.88	1.42	1.98	2.35	2.53
2200	---	---	---	---	---	---	---	---	---	---	0.33	0.93	1.49	2.07	2.46	2.66
2300	---	---	---	---	---	---	---	---	---	---	0.34	0.97	1.56	2.17	2.57	2.78
2400	---	---	---	---	---	---	---	---	---	---	0.36	1.01	1.63	2.26	2.69	2.90
2500	---	---	---	---	---	---	---	---	---	---	0.37	1.05	1.70	2.36	2.80	3.02
2600	---	---	---	---	---	---	---	---	---	---	0.39	1.10	1.76	2.45	2.91	3.14
2700	---	---	---	---	---	---	---	---	---	---	0.40	1.14	1.83	2.54	3.02	3.26
2800	---	---	---	---	---	---	---	---	---	---	0.42	1.18	1.90	2.64	3.13	3.38
2900	---	---	---	---	---	---	---	---	---	---	0.43	1.22	1.97	2.73	3.25	3.50
3000	---	---	---	---	---	---	---	---	---	---	0.45	1.26	2.04	2.83	3.36	3.62
3100	---	---	---	---	---	---	---	---	---	---	0.46	1.31	2.10	2.92	3.47	3.74
3200	---	---	---	---	---	---	---	---	---	---	0.48	1.35	2.17	3.02	3.58	3.86
3300	---	---	---	---	---	---	---	---	---	---	0.49	1.39	2.24	3.11	3.69	3.98
3400	---	---	---	---	---	---	---	---	---	---	0.51	1.43	2.31	3.20	3.80	4.10
3500	---	---	---	---	---	---	---	---	---	---	0.52	1.47	2.37	3.30	3.92	4.22
3600	---	---	---	---	---	---	---	---	---	---	0.54	1.52	2.44	3.39	4.03	4.35
3700	---	---	---	---	---	---	---	---	---	---	0.55	1.56	2.51	3.49	4.14	4.47
3800	---	---	---	---	---	---	---	---	---	---	0.57	1.60	2.58	3.58	4.25	4.59



Note: Shaded area indicates operation above 6500 FPM rim speed. Special sheave construction required.

NOTE: Selection program VIA-VISA available at www.ptwizard.com.



SELECTION

D

S-L CLASSIC

Basic Horsepower Ratings

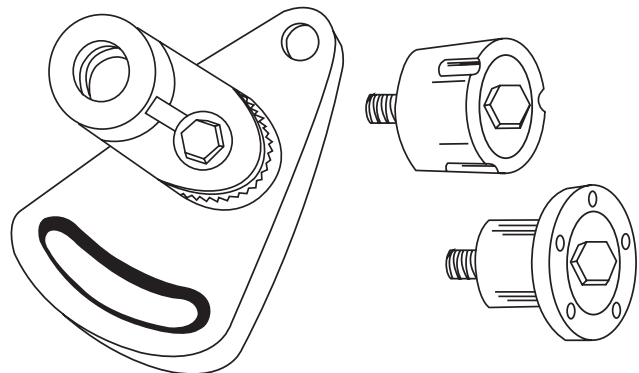
Faster Shaft RPM	Rated HP per Belt for Small Sheave Datum Dia.											Additional HP/Belt for Speed Ratio of:									
	12.0	13.0	13.5	14.0	14.5	15.0	15.5	16.0	18.0	20.0	22.0	1.02	1.05	1.09	1.13	1.19	1.25	1.35	1.52	2.00	
												thru 1.04	thru 1.08	thru 1.12	thru 1.18	thru 1.24	thru 1.34	thru 1.51	thru 1.99	and Up	
700	19.3	22.7	24.3	25.9	27.6	29.2	30.7	32.3	38.4	44.1	49.5	.26	.60	.98	1.29	1.65	1.91	2.20	2.48	2.75	
870	22.2	26.1	28.0	29.9	31.7	33.5	35.3	37.1	43.8	50.0	55.5	.32	.75	1.22	1.61	2.05	2.37	2.74	3.09	3.42	
1150	25.7	30.2	32.4	34.5	36.5	38.5	40.5	42.3	49.1	54.6	58.8	.43	1.00	1.63	2.14	2.73	3.16	3.65	4.11	4.56	
50	2.26	2.59	2.75	2.91	3.07	3.24	3.40	3.56	4.19	4.82	5.44	.02	.04	.07	.09	.12	.14	.16	.18	.20	
100	4.10	4.71	5.02	5.32	5.63	5.93	6.23	6.53	7.73	8.91	10.1	.04	.09	.14	.18	.24	.27	.31	.35	.39	
150	5.76	6.65	7.09	7.53	7.97	8.41	8.85	9.28	11.0	12.7	14.4	.06	.13	.21	.28	.35	.41	.47	.53	.59	
200	7.32	8.47	9.04	9.61	10.2	10.7	11.3	11.9	14.1	16.3	18.5	.07	.17	.28	.37	.47	.54	.63	.71	.79	
300	10.2	11.8	12.7	13.5	14.3	15.1	15.9	16.7	19.9	23.0	26.1	.11	.26	.42	.55	.71	.82	.94	1.06	1.18	
400	12.8	14.9	16.0	17.0	18.1	19.1	20.1	21.1	25.2	29.2	33.0	.15	.35	.56	.74	.94	1.09	1.26	1.42	1.57	
500	15.1	17.7	19.0	20.3	21.5	22.8	24.0	25.2	30.0	34.7	39.3	.19	.43	.70	.92	1.18	1.36	1.57	1.77	1.96	
600	17.3	20.3	21.8	23.2	24.7	26.1	27.5	28.9	34.4	39.7	44.8	.22	.52	.84	1.11	1.41	1.63	1.89	2.13	2.36	
700	19.3	22.7	24.3	25.9	27.6	29.2	30.7	32.3	38.3	44.1	49.5	.26	.60	.98	1.29	1.65	1.91	2.20	2.48	2.75	
800	21.1	24.8	26.6	28.4	30.1	31.9	33.6	35.3	41.7	47.8	53.4	.30	.69	1.13	1.48	1.88	2.18	2.52	2.84	3.14	
900	22.6	26.6	28.6	30.5	32.4	34.2	36.0	37.8	44.6	50.7	56.3	.34	.78	1.27	1.66	2.12	2.45	2.83	3.19	3.53	
1000	24.0	28.2	30.3	32.3	34.3	36.2	38.1	39.9	46.8	52.9	58.2	.37	.86	1.41	1.85	2.35	2.72	3.15	3.55	3.93	
1100	25.1	29.5	31.7	33.8	35.8	37.8	39.7	41.6	48.4	54.2	58.9	.41	.95	1.55	2.03	2.59	3.00	3.46	3.90	4.32	
1200	26.0	30.6	32.8	34.9	36.9	38.9	40.9	42.7	49.3	54.6	58.5	.45	1.04	1.69	2.21	2.82	3.27	3.78	4.26	4.71	
1300	26.7	31.3	33.5	35.7	37.7	39.7	41.5	43.3	49.5	54.0	56.8	.49	1.12	1.83	2.40	3.06	3.54	4.09	4.61	5.11	
1400	27.0	31.7	33.9	36.0	38.0	39.9	41.7	43.4	48.9	52.4	53.6	.52	1.21	1.97	2.58	3.29	3.81	4.41	4.97	5.50	
1500	27.1	31.8	33.9	36.0	37.9	39.7	41.3	42.8	47.4	49.6	49.1	.56	1.30	2.11	2.77	3.53	4.09	4.72	5.32	5.89	
1600	27.0	31.5	33.6	35.5	37.3	38.9	40.3	41.6	45.1	45.6	42.9	.60	1.38	2.25	2.95	3.76	4.36	5.04	5.68	6.28	
1700	26.5	30.9	32.8	34.6	36.1	37.5	38.8	39.8	41.8	40.4	35.0	.63	1.47	2.39	3.14	4.00	4.63	5.35	6.03	6.68	
1800	25.7	29.8	31.6	33.1	34.5	35.6	36.5	37.2	37.6	33.8	---	.67	1.55	2.53	3.32	4.23	4.90	5.67	6.38	7.07	

Shaded areas indicate rim speed exceeding 6500 FPM which may require special sheaves

IDLER

Brackets and Bushings

- Double Adjustable Bracket for Maximum Flexibility
- Positive Ratchet Locking Between Base and Arm
- Idler Bushings in TAPER-LOCK and QD Style
- Use with Stock Products, such as: Sheaves, Roller Chain Sprockets, HTD Sprockets
- Compatible with Products Machined for:
TAPER-LOCK 1610, 2012 and 2517 Bushings QD SK, SF and E Bushings
- Also, NEMA - Motor Bases Shaft Collars



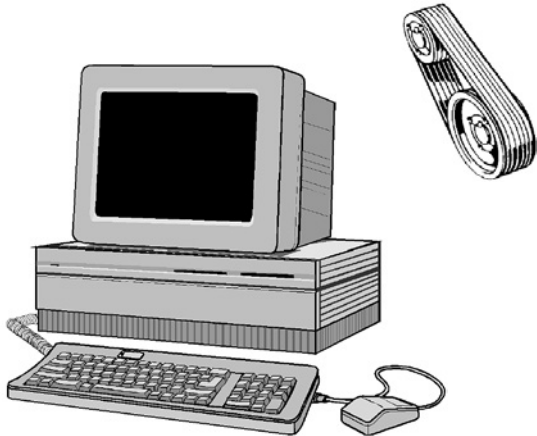
Refer to Related Products (page PT12-40) for complete data.

NOTE: Selection program VIA-VISA available at www.ptwizard.com.

RELATED PRODUCTS



Computer Drive Selection Program



For any given set of drive conditions, there are many different drives that will satisfy the requirements. What is a "best drive"? It could be the drive with lowest initial cost, or the drive with the lowest bearing load, or the drive which minimizes the number of parts required.

Finding the best drive is a time-consuming and frustrating task for the design engineer. Manual drive selection, pricing, and organizing of data for analysis can be a long, drawn-out process, prone to errors and oversights. VIA-VISA Software handles such problems with ease and displays drive selection alternatives in an organized format that makes analysis a simple process.

Here's what you get with VIA-VISA Software selection:

- Belt size, type, quantity, part number.
- Sheave sizes, part number.
- Bushing type, part number.
- Drive face width.
- Actual center distance.
- Installation force/deflection values for drive tensioning.
- Belt pull, dynamic shaft load for bearing and shafting calculations.
- Net price (if discount multipliers entered). Default to total list price.
- Belt speed in feet per minute.
- Calculated driven RPM
- Calculated actual service factor.

Ask your DODGE Sales Engineer for a demonstration and instruction on how you can obtain your personal VIA-VISA package.

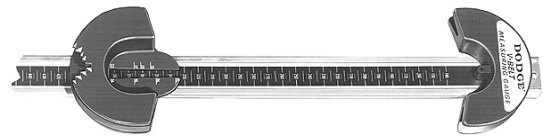
V-Drive Accessories

V-Belt Measuring Gage

This gage allows you to measure belts that may have lost their identification. This is easily done by slipping belt in "sheave" grooves and moving bottom sheave until belts is taut. Notched portion of bottom sheave indicates belt width. Belt length is then read opposite corresponding width on scale. Gage is made of aluminum and plastic – rust proof and durable.

Part No. 450966

Wt - 1 Lb.

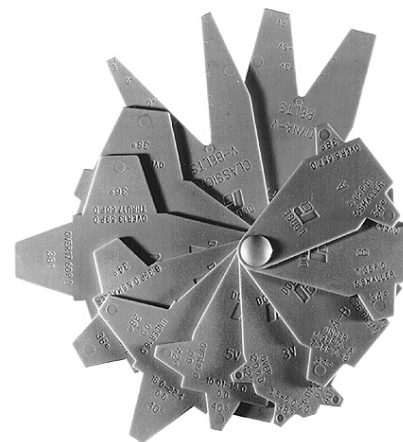


V-Belt Groove and Belt Gage

When V-belt sections or sheave groove need to be identified this set of molded plastic gages can be the handiest thing in your tool box. Includes 8 gages for grooves and 2 for belts covering Classical A thru E, A/B Combination grooves and Narrow 3V, 5V and 8V. They are pinned together so that the individual gages will not become lost.

Part No. 121294

Wt. - 0.12 Lb.



NOTE: Selection program VIA-VISA available at www.ptwizd.com.



RELATED PRODUCTS

V-Drive Accessories

V-Belt Tension Tester

This convenient tool facilitates easy checking of belt tension on drives having two or more belts. Scales are provided for reading both the required force and the distance of belt deflection which are used in properly tensioning belts. Force range is 0 - 35 lbs.



Part No. 109082
Wt. - 0.5 Lb.

Precision Laser Alignment Device

Identifies common types of pulley misalignment.



Part No. 109993
Wt. - 30 Lb

Double Barrel Tension Tester

Maximum deflection force: 66 lbs. For use with all multiple V-belts and large synchronous belts.



Part No. 109991
Wt. - 0.5 Lb

Five Barrel Tension Tester

Maximum deflection force: 165 lbs. For use with multiple V-belts and large synchronous belts.



Part No. 109992
Wt. - 1 Lb.

Sonic Tension Meter - Model 507C



The Sonic Tension Meter is an electronic device that measures the natural frequency of a free stationary belt span and instantly computes the static belt tensions based upon the belt span length, belt width, and belt type. The Sonic Tension Meter can accurately measure belt tensions for both synchronous and v-belts. Other features include:

- Output readings can be switched between pounds, kilograms, newtons and hertz
- Auto gain control automatically adjusts meter sensitivity
- Auto frequency range filters for background noise
- Frequency range from 10 - 5,000 Hz

Sonic Tension Meter - Model 507C
(Comes with meter)

Part No. 109994

Wt. - 1.0 Lb.

★ Flexible Sensor

Part No. 109995

Wt. - 0.2 Lb.

Cord Sensor

Part No. 109996

Wt. - 0.2 Lb.

★ Inductive Sensor
(magnets included)

Part No. 109997

Wt. - 0.2 Lb.

★ Optional accessories

NOTE: Selection program VIA-VISA available at www.ptwizard.com.



INSTALLING/TENSIONING V-DRIVES INSTALLING A DRIVE

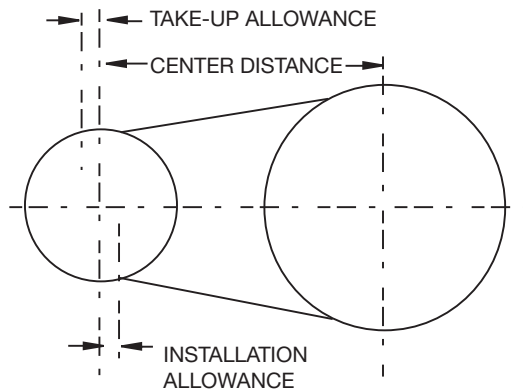
Check Condition of Sheaves—Before a new set of V-belts are installed, check the condition of the sheaves. Dirty or rusty sheaves impair the drive's efficiency and abrade the belts, which result in premature failure.

Worn sheaves shorten belt life as much as 50%. If the grooves are worn to where the belt bottoms, slippage may result and burn the belts. If the sidewalls are "dished out," the bottom shoulder ruins the belts prematurely by wearing off the bottom corners.

Check Sheave Alignment—Sheave adjustment should be checked by placing a straight edge or tight cord across the sheave faces so that it touches all four points of contact. Ordinarily, a misalignment of more than one-half of one degree (one-eighth inch in one foot) will adversely affect belt life. Improper sheave alignment produces uneven wear on one side of the belt, causes the belt to roll over in the sheaves or throws all the load on one side of the belt, stretching or breaking the cords on that side.

INSTALLATION AND TAKE-UP ALLOWANCES

After calculating a center distance from a standard pitch length,



make provision for adjusting the center distance as in sketch below, to allow for installation of the belts without injury, for tensioning, and for maintenance of proper tension throughout the life of the belt. (Refer to Tables 11 or 12 for values).

Placing Belts on Sheaves—Shorten the center distance of the drive until the belts can be put on the sheaves without forcing. Forcing the belts can cause internal injury to the belts.

Belt Selection—For maximum service, replace V-belt drives with a complete new matched set of belts or use the new Matchmaker belts.

Never employ a used belt as a replacement for a unit of a set. Used belts, normally, are worn in cross-section and stretched. A new belt so applied will ride higher in the sheave, travel faster and operate at a much higher tension than the used belts. The cord center may be ruptured, allowing the new belt to elongate. Shortly after this occurs it will cease to accept its full share of the load, leaving the drive under-belted. Thus, the new belt is wasted. Belts of different manufacturers should not be mixed for the same reasons.

Table 11 - Center Distance Allowance for Narrow Belt Installation and Take-Up

Nom. Belt Lgth. in Inches	Min. Installation Allowance (in inches) (Below Center)						Min. Take-up Allowance (Above Center)
	3V Dyna-V	3V Poly-band	5V Dyna-V	5V Poly-band	8V Dyna-V	8V Poly-band	
Up to & incl. 47.5	.05	1.2	...	...	...	...	1.0"
50-71	0.8	1.4	1.0	2.1	...	...	1.2
75-106	0.8	1.4	1.0	2.1	1.5	3.4	1.5
112-125	0.8	1.4	1.0	2.1	1.5	3.4	1.8
132-170	0.8	1.4	1.0	2.1	1.5	3.4	2.2
180-200	...	...	1.0	2.1	1.8	3.6	2.5
212-236	...	...	1.2	2.4	1.8	3.6	3.0
250 & 265	...	...	1.2	2.4	1.8	3.6	3.2
280 & 300	...	...	1.2	2.4	1.8	3.6	3.5
315-355	...	...	1.2	2.4	2.0	4.0	4.0
375	...	...	...	...	2.0	4.0	4.5
400-560	...	...	...	...	2.0	4.0	5.5

NOTE: Selection program VIA-VISA available at www.ptwizd.com.



TECHNICAL

INSTALLING/TENSIONING V-DRIVES

Table 12 - Center Distance Allowance for Classical Belt Installation and Take-Up

Nom. Belt Lgth. in Inches	Min. Installation Allowance (in inches) (Below Center)							Min. Take-up Allowance (Above Center)
	A	B	B Poly-band	C	C Poly-band	D	D Poly-band	
26-37	0.75	1.00	1.50	1.50	...	...	...	1.00"
38-59	0.75	1.00	1.50	1.50	2.00	...	...	1.50
60-89	0.75	1.25	1.61	1.50	2.00	...	...	2.00
90-119	1.00	1.25	1.61	1.50	2.00	...	...	2.50
120-157	1.00	1.25	1.81	1.50	2.11	2.0	2.00	3.00
158-194	...	1.25	1.81	2.00	2.20	2.00	3.00	3.50
195-239	...	1.50	1.81	2.00	2.31	2.00	3.20	4.00
240-269	...	1.50	2.00	2.00	2.50	2.50	3.20	4.50
270-329	...	1.50	2.20	2.00	2.50	2.50	3.50	5.00
330-419	...	...	...	2.00	2.70	2.50	3.60	6.00
420 & Over	...	...	...	2.50	2.90	3.00	4.10	1-1/2% of belt lgth.

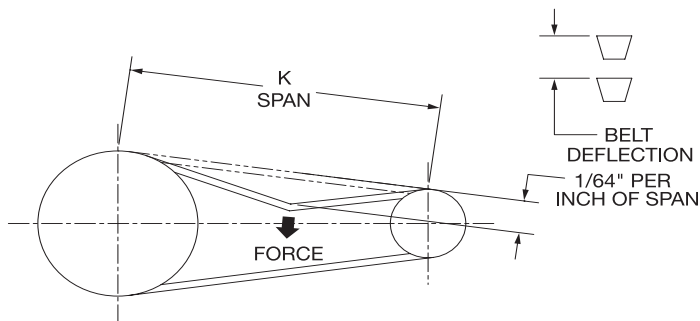
TENSIONING A DRIVE

General Rules of Tensioning-

1. Ideal tension is the lowest tension at which the belt will not slip under peak load conditions.
2. Check tension frequently during the first 24-48 hours of run-in operation.
3. Over tensioning shortens belt and bearing life.
4. Keep belts free from foreign material which may cause slip.
5. Make V-Drive inspection on a periodic basis. Tension when slipping. Never apply belt dressing as this will damage the belt and cause early failure.

SIMPLE TENSIONING PROCEDURE

1. Measure the span length, K.
2. At the center of the span (K) apply a force (perpendicular to the span) large enough to deflect the 1/64, for every inch of span length. For example, one deflection of a 100 inch span would be 100/64 or 1-9/16 inches.



NOTE: Selection program VIA-VISA available at www.ptwizard.com.

3. Compare the force you have applied with the values given in Tables 13 or 14. If the force is between the values for normal tension, and 1-1/2 times normal tension, the drive tension should be satisfactory. A force below the value for normal tension indicates an under-tensioned drive. If the force exceeds the value for 1-1/2 times normal tension, the drive is tighter than it needs to be.

For V-Belt Tension Testers, See Page PT7-142.

After the proper operating tension has been applied to the belts, a double-check should be made of the following:

- a. Parallel position of the sheave shafts.
- b. Correct alignment of sheave grooves.



INSTALLING/TENSIONING V-DRIVES

Table 13 - Belt Deflection Force (Check Factory For Conditions Not Covered In This Table)

V-Belt Section	Small Sheave		Deflection Force In Lbs. For Drive Speed Ratio of:			
	Speed Range	Diameter	1.0	1.5	2.0	4.0 +
A (AP)	1800-3600	3.0	2.0	2.3	2.4	2.6
	1800-3600	4.0	2.6	2.8	3.0	3.3
	1800-3600	5.0	3.0	3.3	3.4	3.7
	1800-3600	7.0	3.5	3.7	3.8	4.3
B (BP)	1200-1800	4.6	3.7	4.3	4.5	5.0
	1200-1800	5.0	4.1	4.6	4.8	5.6
	1200-1800	6.0	4.8	5.3	5.5	6.3
	1200-1800	8.0	5.7	6.2	6.4	7.2
C (CP)	900-1800	7.0	6.5	7.0	8.0	9.0
	900-1800	9.0	8.0	9.0	10.0	11.0
	900-1800	12.0	10.0	11.0	12.0	13.0
	700-1500	16.0	12.0	13.0	13.0	14.0
D (DP)	900-1500	12.0	13.0	15.0	16.0	17.0
	900-1500	15.0	16.0	18.0	19.0	21.0
	700-1200	18.0	19.0	21.0	22.0	24.0
	700-1200	22.0	22.0	23.0	24.0	26.0
AX	1800-3600	3.0	2.5	2.8	3.0	3.3
	1800-3600	4.0	3.3	3.6	3.8	4.2
	1800-3600	5.0	3.7	4.1	4.3	4.6
	1800-3600	7.0	4.3	4.6	4.8	5.3
BX	1200-1800	4.6	5.2	5.8	6.0	6.9
	1200-1800	5.0	5.4	6.0	6.3	7.1
	1200-1800	6.0	6.0	6.4	6.7	7.7
	1200-1800	8.0	6.6	7.1	7.5	8.2
CX	900-1800	7.0	10.0	11.0	12.0	13.0
	900-1800	9.0	11.0	12.0	13.0	14.0
	900-1800	12.0	12.0	13.0	13.0	14.0
	700-1500	16.0	13.0	14.0	14.0	15.0
DX	900-1500	12.0	16.0	18.0	19.0	20.0
	900-1500	15.0	19.0	21.0	22.0	24.0
	700-1200	18.0	22.0	24.0	25.0	27.0
	700-1200	22.0	25.0	27.0	28.0	30.0

V-Belt Section	Small Sheave		Deflection Force in Lbs. for Drive Speed Ratio of:			
	Speed Range	Diameter	1.0	1.5	2.0	4.0+
3VX	1200-3600	2.2	2.2	2.5	2.7	3.0
	1200-3600	2.5	2.6	2.9	3.1	3.6
	1200-3600	3.0	3.1	3.5	3.7	4.2
	1200-3600	4.1	3.9	4.3	4.5	5.1
	1200-3600	5.3	4.6	4.9	5.1	5.7
	1200-3600	6.9	5.0	5.4	5.6	6.2
5VX	1200-3600	4.4	6.5	7.5	8.0	9.0
	1200-3600	5.2	8.0	9.0	9.5	10.0
	1200-3600	6.3	9.5	10.0	11.0	12.0
	1200-3600	7.1	10.0	11.0	12.0	13.0
	900-1800	9.0	12.0	13.0	14.0	15.0
	900-1800	14	14.0	15.0	16.0	17.0
8VX	900-1800	12.5	18.0	21.0	23.0	25.0
	900-1800	14.0	21.0	23.0	24.0	28.0
	700-1500	17.0	24.0	26.0	28.0	30.0
	700-1500	21.2	28.0	30.0	32.0	34.0
	400-1000	24.8	31.0	32.0	34.0	36.0
5V	900-1800	7.1	8.5	9.5	10.0	11.0
	900-1800	9.0	10.0	11.0	12.0	13.0
	900-1800	14	12.0	13.0	14.0	15.0
	700-1200	21.2	14.0	15.0	16.0	17.0
8V	900-1800	12.5	18.0	21.0	23.0	25.0
	900-1800	14.0	21.0	23.0	24.0	28.0
	700-1500	17.0	24.0	26.0	28.0	30.0
	700-1200	21.2	28.0	30.0	32.0	34.0
	400-1000	24.8	31.0	32.0		36.0

Notes: 1. Use approximately 130% of above values to tension a new set of belts
 2. Use closest sheave diameter for sizes not shown.

NOTE: Selection program VIA-VISA available at www.ptwizrd.com.



TECHNICAL

INSTALLING/TENSIONING V-DRIVES

Table 14 - POLYBAND Plus Belt Deflection Force (Lbs.)
(Force is pounds for one belt only)

Cross Section	Small Sheave Diameter Range	RPM Range	Belt Deflection Force*	
			Normal	New Belt
5VF	7.1-10.9	200-700	21.1	30.9
		701-1250	18.0	26.3
		1251-1900	16.7	23.4
		1901-3000	15.8	23.0
5VF	11.8-16.0	200-700	26.8	39.5
		701-1250	23.5	34.7
		1251-2100	22.7	33.3
8VF	12.5-20.0	200-500	44.7	65.8
		501-850	38.5	56.6
		851-1150	35.2	51.6
		1151-1650	33.5	49.0
8VF	21.2-25.0	200-500	65.9	97.6
		501-850	61.2	90.6
		851-1200	57.0	84.3

* Multiply the force required for one belt by the number of belts in the Polyband Plus unit to get total force to apply.

Example: New 8VF drive with a small sheave dia. equal to 20".

The rpm of the sheave is 1000.

The belt to be installed is 8/8VF4000.

Total deflection force = table value x 8 = 51.6 x 8 = 413 lbs.

Belt Pull and Bearing Loads

Belt Pull Calculations—The following method of calculating belt pull is found to be the most convenient and accurate for drives operating at design loads and tensions:

$$T_1 + T_2 = 33,000 (2.5-G) \left(\frac{HP}{GV} \right)$$

WHERE:

T1 = Tight side tension, pounds

T2 = Slack side tension, pounds

HP = Design horsepower

V = Belt speed, feet per minute = (PD) (RPM) (.262)

G = Arc of contact correction factor

D-d	Arc of	Factor	D-d	Arc of	Factor
C	Contact	G	C	Contact	G
.00	180°	1.00	.80	133°	.87
.10	174°	.99	.90	127°	.85
.20	169°	.97	1.00	120°	.82
.30	163°	.96	1.10	113°	.80
.40	157°	.94	1.20	106°	.77
.50	151°	.93	1.30	99°	.73
.60	145°	.91	1.40	91°	.70
.70	139°	.89	1.50	83°	.65

Arc of contact is on small sheave

D = Diam. of large sheave

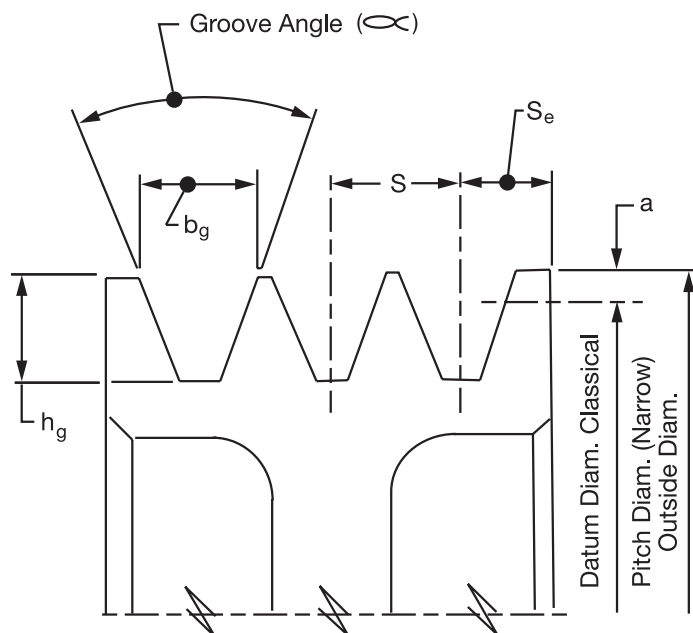
d = Dia. of small sheave

C = Center distance

NOTE: Selection program VIA-VISA available at www.ptwizard.com.



V-Belt Sheave Groove Dimensions



Narrow

Belt Section	Outside Diameter Range	α $\pm .025$	b_g $\pm .005$	h_g Min.	a	S $\pm .015$	S_e	
3VX, 3V	LESS THAN 3.50	36°						
	3.50 TO 6.00	38°						
	6.01 to 12.00	40°						
	Over 12.00	42°						
5VX, 5V	Less than 10.00	38°						
	10.00 to 16.00	40°						
	Over 16.00	42°						
8VX, 8V	Less than 16.00	38°						
	16.00 to 22.40	40°						
	Over 22.40	42°						

Classical

Belt Section	Pitch Diameter		m $+ 0.33$	b_g		h_g Min.	$2a$ ref *	S $\pm .025$	S_e	
	Min. Recom.	Range								
AX, A	3.0	2.6 to 5.4	34°	.494	±.005	.460	.125	.625	.375	+.090 -.062
		Over 5.4	38°	.504						
BX, B	5.4	4.6 to 7.0	34°	.637	±.006	.550	.175	.750	.500	+.120 -.065
		Over 7.0	38°	.650						
A, B AX, BX	-	To 7.0	34°	.612	±.006	.612	A (.634/.602) B (.333/.334)	.750	.500	+.120 -.065
		Over 7.0	38°	.625						
CX, C	9.0	7.0 to 7.99	34°	.879	±.007	.750	.200	1.000	.688	+.160 -.070
		8.0 to 12.0	36°	.887						
		Over 12.0	38°	.895						
DX, D	13.0	12.0 to 12.9	34°	1.259	±.008	1.020	.300	1.438	.875	+.220 -.080
		13.0 to 17.0	36°	1.271						
		Over 17.0	38°	1.283						
E	21.0	18.0 to 24.0	36°	1.527	±.010	1.300	.400	1.750	1.125	+.250 -.000
		Over 24.0	38°	1.542						

Note—For complete manufacturing tolerances — see RMA, MPTA, Narrow/Classical V-belt Standards.

* Datum diameter, not pitch diameter.

NOTE: Selection program VIA-VISA available at www.ptwizard.com.



ENGINEERING/TECHNICAL

More Power and Life From V-Drives

Trouble Area And Observation	Cause	Remedy
Belt Stretch Beyond Take-Up Belt stretch unequally. All belts stretch about equally.	Mis-aligned drive, unequal work done by belts. Belt tensile member broken from improper installation. Insufficient take-up allowance. Greatly overloaded or underdesigned drive.	Realign and re-tension drive. Replace all belts with new matched set properly installed. Check take-up and follow allowance on page . Redesign.
Short Belt Life Relatively rapid failure; no visible reason. Sidewalls soft and sticky. Low adhesion between cover plies. Cross-section swollen. Sidewalls dry and hard. Low adhesion between cover plies. Bottom belt cracked.	Tensile members damaged through improper installation. Worn sheave grooves (check with groove gauge) Under-designed drive. Oil or grease on belts or sheaves. High temperatures.	Replace with all new matched set, properly installed. Replace sheaves. Redesign. Remove source of oil or grease. Clean belts and grooves with cloth moistened with alcohol. Remove source of heat. Ventilate drive better.
BELT TURN OVER 	Excess lateral belt whip. Foreign material in grooves. Mis-aligned sheaves. Worn sheave grooves (check with groove gauge). Tensile member broken through improper installation. Incorrectly placed flat idler pulley.	Use Banded belt. Remove material—shield drive. Realign the drive. Replace sheave. Replace with new matched set properly installed. Carefully align flat idler on slack side of drive as close as possible to driver sheave.
DETERIORATION OF RUBBER COMPOUNDS USED IN BELT Extreme cover wear. Spin burns on belt. Bottom of belt cracked. Broken belts.	Belt dressing. Belts rub against belt guard or other obstruction. Belts slip under starting or stalling load. Too small sheaves. Object falling into or hitting drive.	Never use dressing on V-belts. Clean with cloth moistened with alcohol. Tension drive properly to prevent slip. Remove obstruction or align drive to give needed clearance. Tighten drive until slipping stops. Redesign for larger sheaves. Replace with new matched set of belts. Provide shield for drive.
IMPROPER DRIVEN SPEED Incorrect driveR-driveN ratio. Spin burns on belt.	Design error. Belt slip.	Use correct sheave sizes. Re-tension drive until belt stops slipping.
BELT NOISE HOT BEARINGS	Belt slip.	Re-tension drive until it stops slipping.
Drive over-tensioned. Sheaves too small. Poor bearing condition. Sheaves out too far on shaft. Drive under-tensioned.	Worn grooves-belts bottoming and will not transmit power until over-tensioned. Improper tensioning. Motor manufacturers sheave diameters not followed. Underdesigned bearing or poor bearing maintenance. Error or obstruction problem. Belts slipping and causing heat build-up.	Replace sheaves. Tension drive properly. Re-tension drive. Redesign drive. Observe recommended bearing design and maintenance. Place sheaves as close as possible to bearings. Remove any obstruction preventing this. Re-tension drive.

NOTE: Selection program VIAVISA available at www.ptwizd.com.