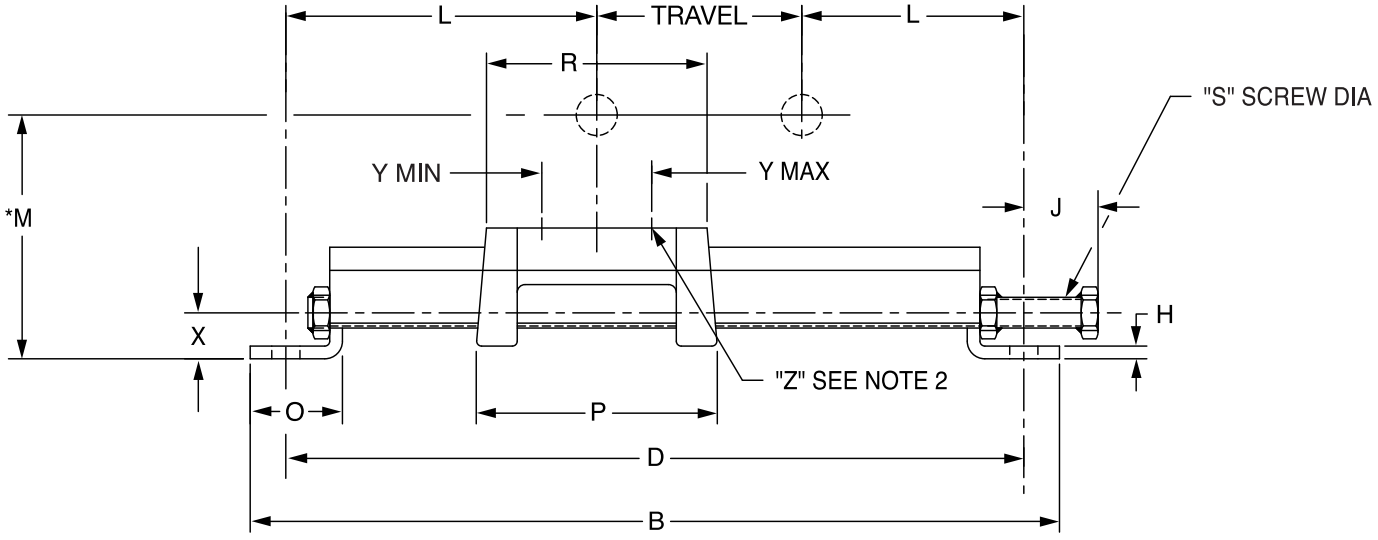
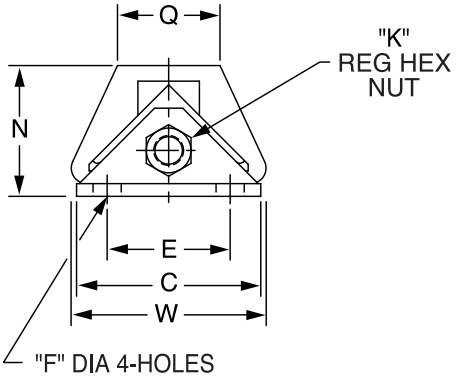
SELECTION/DIMENSIONS

Take-Up Frames - LD

LD PROTECTED SCREW TAKE-UP FRAMES





DODGE®



Take-Up Frames - LD

LD PROTECTED SCREW TAKE-UP FRAMES

Frame Size x Travel	Part No.	Wt.	B	C	D	E	F Bolt Dia.	H	J	K	L	N	O
LD-10x6	**039005**	10	19-1/2	3-3/4	18	2-1/2	3/8	1/4	9/16	9/16	6	2-3/4	2-1/8
LD-10x9	**039006**	11	22		20-1/2						5-3/4		
LD-10x12	**038910**	13	25		23-1/2						5-3/4		
LD-10x18	**038911**	14	31		29-1/2						5-3/4		
LD-10x30	**038912**	16	43		41-1/2						5-3/4		
LD-10x36	**038913**	18	49		47-1/2						5-3/4		
LD-10x42	**038914**	20	55		53-1/2						5-3/4		
LD-10x48	**038915**	22	61		59-1/2						5-3/4		
LD-20x6	**039007**	12	19-1/2	3-3/4	18	2-1/2	1/2	1/4	1-3/4	9/16	6	2-19/32	2-1/8
LD-20x9	**039008**	13	22		20-1/22						5-3/4		
LD-20x12	**039009**	14	25		23-1/2						5-3/4		
LD-20x18	**039010**	17	33-1/2		32						7		
LD-20x24	**039003**	18	39-1/2		38						7		
LD-20x30	**039002**	20	45-1/2		44						7		
LD-20x36	**039043**	22	51-1/2		50						7		
LD-20x42	**038916**	24	57-1/2		56						7		
LD-20x48	**039044**	26	63-1/2		62						7		
LD-30x12	**039011**	18	28-1/4	3-3/4	26-3/4	2-1/2	1/2	1/4	1-3/4	9/16	7-3/8	2-11/16	2-1/8
LD-30x18	**039012**	21	34-1/4		32-3/4						7-3/8		
LD-30x24	**039084**	24	40-1/4		38-3/4						7-3/8		
LD-30x30	**038917**	27	46-1/4		44-3/4						7-3/8		
LD-30x36	**038918**	30	52-1/4		50-3/4						7-3/8		
LD-30x42	**038919**	33	58-1/4		56-3/4						7-3/8		
LD-30x48	**038920**	35	64-1/4		62-3/4						7-3/8		
LD-40x12	**039013**	25	28-1/4	4-3/4	26-1/2	3	5/8	5/16	1-3/4	9/16	7-1/4	3-3/16	2-1/4
LD-40x18	**039014**	28	34-1/4		32-1/2						7-1/4		
LD-40x24	**039073**	31	40-1/4		38-1/2						7-1/4		
LD-40x30	**038921**	34	46-1/4		44-1/2						7-1/4		
LD-40x36	**038922**	37	52-1/4		50-1/2						7-1/4		
LD-40x42	**038923**	40	58-1/4		56-1/2						7-1/4		
LD-40x48	**038924**	43	64-1/4		62-1/2						7-1/4		
LD-45x12	**039018**	50	33	5	31-1/4	3	3/4	5/16	1-9/16	11/16	9-3/4	4-1/8	2-1/2
LD-45x18	**039019**	55	39-1/4		37-1/2						9-3/4		
LD-45x24	**039097**	58	45-1/4		43-1/2						9-3/4		
LD-45x30	**038925**	65	51-1/4		49-1/2						9-3/4		
LD-45x36	**038926**	70	57-1/4		55-1/2						9-3/4		
LD-45x42	**038927**	75	63-1/4		61-1/2						9-3/4		
LD-45x48	**038928**	80	69-1/4		67-1/2						9-3/4		
LD-50x6	**039004**	49	27	5	25-1/4	3	3/4	5/16	1-9/16	11/16	9-5/8	4-1/8	2-1/2
LD-50x12	**039015**	54	33		31-1/4						9-3/4		
LD-50x18	**039016**	60	39-1/4		37-1/2						9-3/4		
LD-50x24	**039017**	65	45-1/4		43-1/2						9-3/4		
LD-50x30	**038929**	71	51-1/4		49-1/2						9-3/4		
LD-50x36	**038930**	77	57-1/4		55-1/2						9-3/4		
LD-50x48	**038932**	90	69-1/4		67-1/2						9-3/4		

SELECTION/DIMENSIONS



Take-Up Frames - LD

LD PROTECTED SCREW TAKE-UP FRAMES

Frame Size x Travel	Part No.	Wt.	P	Q	R	S Screw Dia.	W	X	Y Bolt Centers		Z Bolt Dia.	Angle
									Max.	Min.		
LD-10x6	**039005**	10	5-7/8	1-1/2	5-3/8	3/4	3-1/4	15/16	4-3/8	2-7/8	3/8 x 1-1/2	2 x 2 x 1/4
LD-10x9	**039006**	11										
LD-10x12	**038910**	13										
LD-10x18	**038911**	14										
LD-10x30	**038912**	16										
LD-10x36	**038913**	18										
LD-10x42	**038914**	20										
LD-10x48	**038915**	22										
LD-20x6	**039007**	12	7-3/4	2-1/8	7-1/4	3/4	3-3/4	15/16	6-1/4	4-7/16	1/2 x 2-1/2	2 x 2 x 1/4
LD-20x9	**039008**	13										
LD-20x12	**039009**	14										
LD-20x18	**039010**	17										
LD-20x24	**039003**	18										
LD-20x30	**039002**	20										
LD-20x36	**039043**	22										
LD-20x42	**038916**	24										
LD-20x48	**039044**	26										
LD-30x12	**039011**	18	8-1/2	2-1/4	8	3/4	3-3/4	15/16	7	5-3/4	5/8 x 2-1/2	2 x 2 x 5/16
LD-30x18	**039012**	21										
LD-30x24	**039084**	24										
LD-30x30	**038917**	27										
LD-30x36	**038918**	30										
LD-30x42	**038919**	33										
LD-30x48	**038920**	35										
LD-40x12	**039013**	25	9-3/4	2-1/2	9-1/4	3/4	4-3/4	1-1/16	7-7/8	6-3/8	5/8 x 3	2-1/2 x 2-1/2 x 5/16
LD-40x18	**039014**	28										
LD-40x24	**039073**	31										
LD-40x30	**038921**	34										
LD-40x36	**038922**	37										
LD-40x42	**038923**	40										
LD-40x48	**038924**	43										
LD-45x12	**039018**	50	13-1/2	3-1/2	13	1	5-7/8	1-1/4	11-1/4	7-1/4	3/4 x 3-1/2	3 x 3 x 1/2
LD-45x18	**039019**	55										
LD-45x24	**039097**	58										
LD-45x30	**038925**	65										
LD-45x36	**038926**	70										
LD-45x42	**038927**	75										
LD-45x48	**038928**	80										
LD-50x6	**039004**	49	13-1/2	3-1/2	13	1	5-7/8	1-1/4	11-1/8	7-5/8	7/8 x 4	3 x 3 x 1/2
LD-50x12	**039015**	54										
LD-50x18	**039016**	60										
LD-50x24	**039017**	65										
LD-50x30	**038929**	71	13-1/2	3-1/2	13	1	5-7/8					
LD-50x36	**038930**	77										
LD-50x48	**038932**	90										

FEATURES/BENEFITS PAGE B19-2 | HOW TO ORDER/NOMENCLATURE PAGE B19-7 | SELECTION/DIMENSIONS PAGE B19-8



Light Duty Take-Up Frame Bearings

BALL BEARINGS

NORMAL DUTY

SETSCREW - SC, SCU, SCB, VSC, VSCB
D-LOK - DL, DLB
ECCENTRIC LOCK - SXR, SXRU, SXRB, SXV, SXVU, SXVB
GRIP TIGHT - GT

Series	Shaft Size	Frame Size
203	1/2 5/8	LD-10
204	1/2 5/8 3/4 20mm	LD-10
205	7/8 15/16 25mm	LD-10
206	1-1/16 1-1/8 1-3/16 1-1/4 30mm	LD-20
207	1-1/4 1-5/16 1-3/8 1-7/16 35mm	LD-20
208	1-1/2 1-5/8 40mm	LD-20
209	1-5/8 1-11/16 1-3/4 45mm	LD-20
210	1-15/16 2 50mm	LD-30
211	2 2-3/16 2-1/4 55mm	LD-40
212	2-1/4 2-7/16 60mm	LD-40
214	2-1/2 2-11/16 70mm	LD-45
215	2-15/16 75mm	LD-50

- Light Duty Take-Up Frames Are Not Supplied With Bearings. First Match The Take-Up Frame With The Bearing Size From This Page. Then Turn To The Page Listed For The Specific Bearing Part Number.

- EZ-KLEEN Polymer Housing - B1-14 to B1-29
- Grip Tight (GT & GTM)- B2-8 to B2-19
- Setscrew (SC, SCM & VSC) - B12-12 to B12-15
- Eccentric Lock (SXR & SXV) - B7-12 to B7-15
- D-LOK (DL & DLM) - B6-10 to B10-22

- See B19-32 For Light Duty Take-Up Frame Travel Options And Part Numbers.

MEDIUM DUTY

SETSCREW - SCM, SCH
D-LOK - DLM, DLH
GRIP TIGHT - GTM

Series	Shaft Size	Frame Size
206	1 25mm	LD-20
207	1-3/16 1-1/4 30mm	LD-20
208	1-7/16 35mm	LD-20
209	1-1/2 40mm	LD-20
210	1-11/16 1-3/4 45mm	LD-30
211	1-15/16 2 50mm	LD-40
212	2-3/16 2-1/4 55mm	LD-40
214	2-7/16 2-1/2 65mm	LD-45
215	2-11/16 70mm	LD-50
216	2-15/16 3 75mm	LD-50
218	3-7/16 3-1/2 85mm	LD-50

SELECTION/DIMENSIONS



Light Duty Take-Up Frame Bearings

SPHERICAL ROLLER BEARINGS

IMPERIAL - IP

Shaft Size	Frame Size
1-1/8 1-316 1-1/4 1-3/8 1-7/16 1-1/2	LD-20
1-5/8 1 11/16 1-3/4	LD-20
1-7/8 1 15/16 2	LD-30
2-3/16 2-1/4	LD-40
2-3/8 2-7/16 2-1/2	LD-40
2-11/16 2-3/4 2-15/16 3	LD-45
3-3/16 3-1/4 3-7/16 3-1/2	LD-50

* LD Frames are drilled for two bolt pillow blocks

S-2000

Shaft Size	Frame Size
1-3/8 1-7/16 1-1/2	LD-20
1-11/16 1-3/4	LD-20
1-15/16 2	LD-30
2-3/16	LD-40
2-7/16	LD-40
2-11/16 2-15/16 3	LD-45
3-7/16	LD-50

- Light Duty Take-Up Frames Are Not Supplied With Bearings. First Match The Take-Up Frame With The Bearing Size From This Page. Then Turn To The Page Listed For The Specific Bearing Part Number

- S-2000 - B12-14 to B12-17
- Unisphere II - B13-12 to B13-13
- IMPERIAL - B114-30 to B14-31

- See B19-32 For Light Duty Take-Up Frame Travel Options And Part Numbers.

UNISPHERE II

Shaft Size	Frame Size
1-7/16 1-1/2 1-11/16 1-3/4	LD-20
1-15/16 2	LD-30
2-3/16 2-7/16 2-1/2	LD-40
2-11/16 2-3/4 2-15/16 3	LD-45
3-7/16 3-1/2	LD-50

Frame Size	Max Recommended Housing Cap Load (90° Load Angle)
LD-10	2100
LD-20	3900
LD-30	6200
LD-40	6200
LD-45	9100
LD-50	12500

* Consult the Application Engineering Department for loads greater than listed. In all cases, when loads are heavy, the L10 life of the bearing should be checked for proper selection and life requirements.



Light Duty Take-Up Frame Bearings

SLEEVE BEARING

LT-700
LT-1000

Series	Shaft Size	Frame Size
204	3/4	LD-10
205	7/8 15/16 1 25mm	LD-10
206	1-1/8 1-3/16 30mm	LD-20
207	1-1/4 1-3/8 1-7/16 35mm	LD-20
209	1-11/16 1-3/4 45mm	LD-20
210	1-15/16 2 50mm	LD-30
211	2-3/16 55mm	LD-40
212	2-7/16 2-1/2 55mm	LD-40
215	2-15/16 3	LD-50

- Light Duty Take-Up Frames Are Not Supplied With Bearings. First Match The Take-Up Frame With The Bearing Size From This Page. Then Turn To The Page Listed For The Specific Bearing Part Number

- LT-700 - B17-10 to B17-13
- LT-1000 - B17-10 to B17-13
- Babbitt Sleeve - B17-38 to B17-39
- See B19-32 For Light Duty Take-Up Frame Travel Options And Part Numbers

Babbitted Solid Journal Bearing

Shaft Size	Frame Size
1/2 to 1-1/4	LD-10
1-11/16 1-3/4	LD-20
2-15/16	LD-45