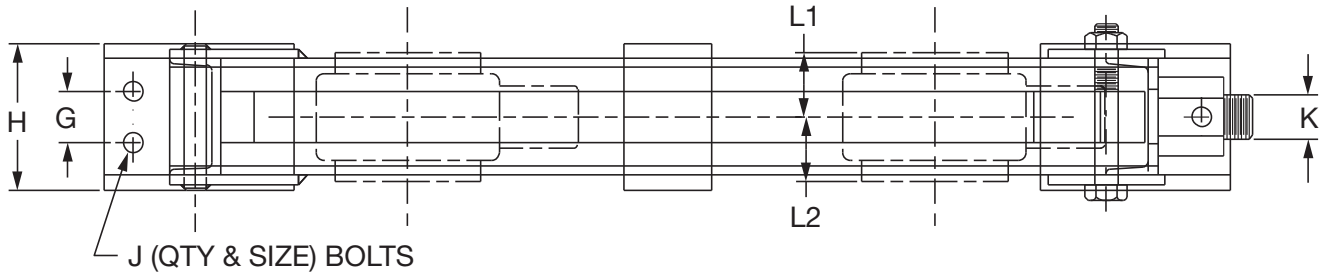


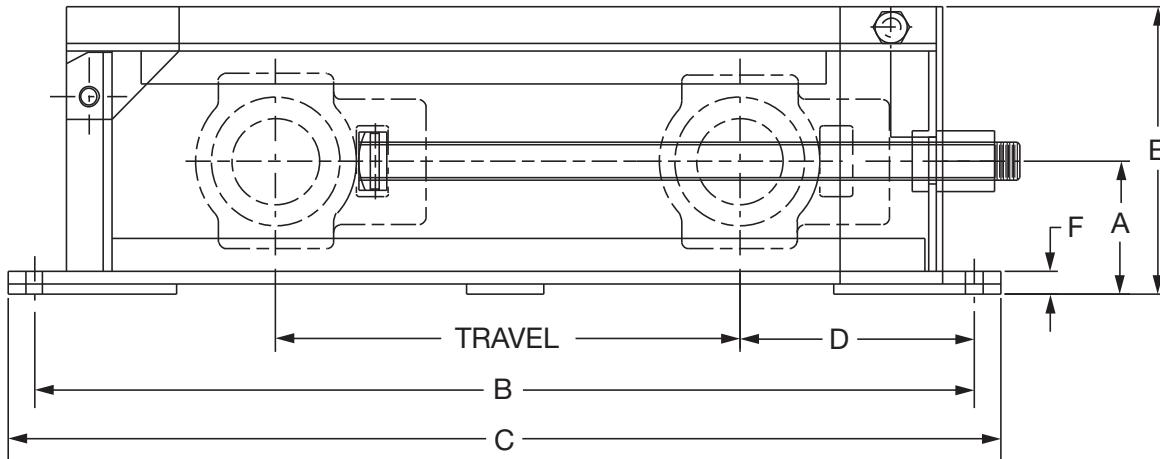


SELECTION/DIMENSIONS

Take-Up Frames - CP CENTER PULL (CP)



U.S. Patent No. 4,676,670





SELECTION/DIMENSIONS

Take-Up Frames - CP CENTER PULL (CP)

Frame Size	Travel	Frame Part Number	Frame Weight	Travel		A	B	C	D		E	F	G	H	J		K	L1 & L2
				Maximum					S2000 Imperial	Type K & E					Qty.	Size Dia.		
				S2 & IP	Type E & K													
CP308	12	019200	30	15-15/32	15-15/32	3-7/16	26	28	6	6	7	11/16	..	3	2	1/2	3/4-10NC	See Page B19-23
CP308	18	019201	34	21-15/32	21-15/32		32	64									3/4-10NC	
CP308	24	019202	38	27-15/32	27-15/32		38	40									3/4-10NC	
CP308	30	019203	42	33-15/32	33-15/32		44	46									3/4-10NC	
CP308	36	019204	46	39-15/32	39-15/32		50	52									3/4-10NC	
CP400	12	019210	55	14-27/32	14-23/32	3-15/16	27-1/2	29-1/2	7-1/4	7-1/4	8-5/8	13/16	..	4	2	5/8	1-8NC	
CP400	18	019211	65	20-27/32	20-23/32		33-1/2	35-1/2									1-8NC	
CP400	24	019212	75	26-27/32	26-23/32		39-1/2	41-1/2									1-8NC	
CP400	30	019213	85	32-27/32	32-23/32		45-1/2	47-1/2									1-8NC	
CP400	36	019214	95	38-27/32	38-23/32		51-1/2	53-1/2									1-8NC	
CP408	12	019220	61	14-5/32	14-3/32	4-7/16	27-1/2	29-1/2	7-3/4	7-3/4	9-1/4	11/16	..	4	2	5/8	1-1/8-7NC	
CP408	18	019221	71	20-5/32	20-3/32		33-1/2	35-1/2									1-1/8-7NC	
CP408	24	019222	81	26-5/32	26-3/32		39-1/2	41-1/2									1-1/8-7NC	
CP408	30	019223	85	32-5/32	32-3/32		45-1/2	47-1/2									1-1/8-7NC	
CP408	36	019224	95	38-5/32	38-3/32		51-1/2	53-1/2									1-1/8-7NC	
CP502	12	019230	65	14-13/32	12-31/32	4-3/8	28-1/2	30-1/2	8-1/4	9-9/16	9-1/2	13/16	..	4	2	3/4	1-1/4-7NC	
CP502	18	019231	75	20-13/32	18-31/32		34-1/2	36-1/2									1-1/4-7NC	
CP502	24	019232	85	26-13/32	24-31/32		40-1/2	42-1/2									1-1/4-7NC	
CP502	30	019233	95	32-13/32	30-31/32		46-1/2	48-1/2									1-1/4-7NC	
CP502	36	019234	105	38-13/32	36-31/32		52-1/2	54-1/2									1-1/4-7NC	
CP515	12	019240	105	14-23/32	14-15/32	5-1/8	30-1/2	32-1/2	9-1/4	9-3/8	11-5/32	7/8	2	5	4	5/8	1-1/2-6NC	
CP515	18	019241	120	20-23/32	20-15/32		36-1/2	38-1/2									1-1/2-6NC	
CP515	24	019242	135	26-23/32	26-15/32		42-1/2	44-1/2									1-1/2-6NC	
CP515	30	019243	150	32-23/32	32-15/32		48-1/2	50-1/2									1-1/2-6NC	
CP515	36	019244	165	38-23/32	38-15/32		54-1/2	56-1/2									1-1/2-6NC	
CP613	12	019250	115	15-1/32	-	5-5/8	32	34-1/4	9-7/8	-	12-1/16	15/16	2	5	4	3/4	1-3/4-5NC	
CP613	18	019251	135	21-1/32	-		38	40-1/4									1-3/4-5NC	
CP613	24	019252	155	27-1/32	-		44	46-1/4									1-3/4-5NC	
CP613	30	019253	175	33-1/32	-		50	52-1/4									1-3/4-5NC	
CP613	36	019254	195	39-1/32	-		56	58-1/4									1-3/4-5NC	
CP810	12	019260	185	16-9/32	-	7	36	38-1/2	12	-	14-3/4	1-3/16	2-1/2	6	4	3/4	2-4-1/2-NC	
CP810	18	019261	210	22-9/32	-		42	44-1/2									2-4-1/2-NC	
CP810	24	019262	235	28-9/32	-		48	50-1/2									2-4-1/2-NC	
CP810	30	019263	260	34-9/32	-		54	56-1/2									2-4-1/2-NC	
CP810	36	019264	285	40-9/32	-		60	62-1/2									2-4-1/2-NC	
CP908	12	019270	280	17-31/32	-	7-1/2	40-3/4	45-3/4	13-1/2	-	16-1/16	1-1/4	5	10	4	1-1/8	2-4-1/2-NC	
CP908	18	019271	310	23-31/32	-		46-3/4	51-3/4									2-4-1/2-NC	
CP908	24	019272	340	29-31/32	-		52-3/4	57-3/4									2-4-1/2-NC	
CP908	30	019273	370	35-31/32	-		58-3/4	63-3/4									2-4-1/2-NC	
CP908	36	019274	400	41-31/32	-		64-3/4	69-3/4									2-4-1/2-NC	
CP1004	12	019280	370	18-29/32	-	8-1/8	44-1/2	49-1/2	15-3/8	-	17-5/16	1-1/2	5-1/2	10	4	1-1/8	2-1/4-4-1/2-NC	
CP1004	18	019281	400	24-29/32	-		50-1/2	55-1/2									2-1/4-4-1/2-NC	
CP1004	24	019282	430	30-29/32	-		56-1/2	61-1/2									2-1/4-4-1/2-NC	
CP1004	30	019283	460	36-29/32	-		62-1/2	67-1/2									2-1/4-4-1/2-NC	
CP1004	36	019284	490	42-29/32	-		68-1/2	73-1/2									2-1/4-4-1/2-NC	



SELECTION/DIMENSIONS

Take-Up Frames - CP CENTER PULL (CP)

Frame Size	Travel	Frame Part Number	Frame Weight	Travel		Imperial		S2000		Type K		Type E	
				Maximum									
				S2 & IP	Type E & K	L1	L2	L1	L2	L1	L2	L1	L2
CP308	12	019200	30	15-15/32	15-15/32	57/64	1-47/64	53/64	1-45/64	1-1/32	1-1/2	1-1/2	1-1/2
CP308	18	019201	34	21-15/32	21-15/32								
CP308	24	019202	38	27-15/32	27-15/32								
CP308	30	019203	42	33-15/32	33-15/32								
CP308	36	019204	46	39-15/32	39-15/32								
CP400	12	019210	55	14-27/32	14-23/32	53/64	1-63/64	55/64	1-13/16	1-7/32	1-3/4	1-3/4	1-3/4
CP400	18	019211	65	20-27/32	20-23/32								
CP400	24	019212	75	26-27/32	26-23/32								
CP400	30	019213	85	32-27/32	32-23/32								
CP400	36	019214	95	38-27/32	38-23/32								
CP408	12	019220	61	14-5/32	14-3/32	59/64	2-7/64	29/32	1-63/64	1-9/32	1-7/8	1-7/8	1-7/8
CP408	18	019221	71	20-5/32	20-3/32								
CP408	24	019222	81	26-5/32	26-3/32								
CP408	30	019223	85	32-5/32	32-3/32								
CP408	36	019224	95	38-5/32	38-3/32								
CP502	12	019230	65	14-13/32	12-31/32	1-13/64	2-7/32	1-13/64	2	1-5/8	2	2	2
CP502	18	019231	75	20-13/32	18-31/32								
CP502	24	019232	85	26-13/32	24-31/32								
CP502	30	019233	95	32-13/32	30-31/32								
CP502	36	019234	105	38-13/32	36-31/32								
CP515	12	019240	105	14-23/32	14-15/32	1-7/32	2-9/32	1-3/16	2-13/32	1-5/8	2-1/4	2-1/4	2-1/4
CP515	18	019241	120	20-23/32	20-15/32								
CP515	24	019242	135	26-23/32	26-15/32								
CP515	30	019243	150	32-23/32	32-15/32								
CP515	36	019244	165	38-23/32	38-15/32								
CP613	12	019250	115	15-1/32	-	1-15/32	2-11/16	1-31/64	2-33/64	-	-	-	-
CP613	18	019251	135	21-1/32	-								
CP613	24	019252	155	27-1/32	-								
CP613	30	019253	175	33-1/32	-								
CP613	36	019254	195	39-1/32	-								
CP810	12	019260	185	16-9/32	-	1-21/32	3-3/64	1-39/64	2-55/64	-	-	-	-
CP810	18	019261	210	22-9/32	-								
CP810	24	019262	235	28-9/32	-								
CP810	30	019263	260	34-9/32	-								
CP810	36	019264	285	40-9/32	-								
CP908	12	019270	280	17-31/32	-			3-1/16	3-15/32	-	-	-	-
CP908	18	019271	310	23-31/32	-								
CP908	24	019272	340	29-31/32	-								
CP908	30	019273	370	35-31/32	-								
CP908	36	019274	400	41-31/32	-								
CP1004	12	019280	370	18-29/32	-			3-17/64	3-41/64	-	-	-	-
CP1004	18	019281	400	24-29/32	-								
CP1004	24	019282	430	30-29/32	-								
CP1004	30	019283	460	36-29/32	-								
CP1004	36	019284	490	42-29/32	-								



SELECTION/DIMENSIONS

Center Pull Take-Up Frame Bearings

TAPERED ROLLER BEARINGS

Type E

Shaft Size	Frame Size
1-3/8 1-7/16	CP-308
1-1/2 1-5/8 1-11/16	CP-400
1-3/4 1-7/8 1-15/16 2	CP-400
2-3/16	CP-408
2-1/4 2-7/16 2-1/2	CP-502
2-11/16 2-3/4 2-15/16 3	CP-515

- Center Pull 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
- Type E - B10-30
- Type K - B10-46
- See B19-27 and B19-28 For Center Pull Take-Up Frame Travel Options And Part Numbers

Type K

Shaft Size	Frame Size
1-7/16	CP-308
1-15/16	CP-400
2-3/16	CP-408
2-7/16 2-1/2	CP-502
2-15/16 3	CP-515

SPHERICAL ROLLER BEARINGS

S-2000

Shaft Size	Frame Size
1-3/8 1-7/16 1-1/2	CP-308
1-11/16 1-3/4	CP-400
1-15/16 2	CP-400
2-3/16	CP-408
2-7/16	CP-502
2-11/16 2-15/16 3	CP-515
3-7/16	CP-613
3-15/16	CP-810
4-7/16	CP-908
4-15/16	CP-1004

- Center Pull 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 - B12-36 to B12-39
- IMPERIAL - B14-18 to B14-22
- See B19-27 and B19-28 For Center Pull Take-Up Frame Travel Options And Part Numbers

IMPERIAL - IP

Shaft Size	Frame Size
1-1/8 1-3/16 1-1/4 1-3/8 1-7/16 1-1/2 1-5/8	CP308
1-11/16 1-3/4 1-7/8 1-15/16 2	CP-400
2-3/16 2-1/4	CP-408
2-3/8 2-7/16 2-1/2	CP-502
2-11/16 2-3/4 2-15/16 3	CP-515
3-3/16 3-1/4 3-7/16 3-1/2	CP-613
3-11/16 3-15/16 4	CP-810