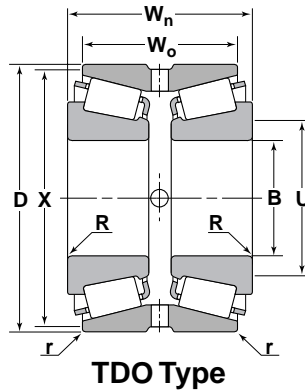


Tapered Roller Bearings



Load Rating: 3000 hrs L ₁₀ Life @ 500 rpm			K Factor	Cone Number †	B	R	U	Cup Number	D	W _o	r	X	W _n
Radial Rating		Thrust Rating			Bore Diameter	Maximum Shaft Fillet Radius *	Minimum Shaft Shoulder Diameter		Outside Diameter	Cup Width	Maximum Housing Fillet Radius *	Maximum Housing Shoulder Diameter	Bearing Width Through Cones
One Row	Two Row				Inch/mm								
lbs/N					Inch/mm								
5340 23700	9290 41300	3670 16300	1.45	395 Series 390	2.2500 57.150	0.09 2.3	2.76 70.0	394D	4.3307 110.000	1.8125 46.038	0.03 0.8	4.11 104.0	2.0625 52.388
7320 32600	12700 56700	4200 22700	1.74	455 Series 455	2.0000 55.000	0.03 0.8	2.36 60.0	452D	4.2500 107.950	2.1250 53.975	0.03 0.8	3.94 100.0	2.5626 65.090
7740 34400	13500 59900	5100 22700	1.52	475 Series 475	2.1654 55.000	0.03 0.8	2.64 67.0	472D	4.7244 120.000	2.1250 53.975	0.03 0.8	4.49 114.0	2.5626 65.090
8330 37100	14500 64600	6340 28200	1.31	495 Series 495	3.2500 82.550	0.14 3.5	3.82 97.0	493D	5.3750 136.525	2.1250 53.975	0.03 0.8	5.12 130.0	2.7500 69.850
10300 45800	17900 79700	6100 27100	1.69	555 Series 554	2.4375 61.912	0.14 3.5	3.03 77.0	552D	4.8750 123.825	2.5000 63.500	0.06 1.5	4.53 115.0	3.1250 79.375
10600 47100	18500 82100	6600 29400	1.61	565 Series 565	2.5000 63.500	0.14 3.5	3.15 80.0	563D	5.0000 127.000	2.5625 65.088	0.06 1.5	4.69 119.0	3.1875 80.962
11200 49600	19400 86400	7720 34300	1.45	575 Series 575	3.0000 76.200	0.14 3.5	3.62 92.0	572D	5.5115 139.992	2.6250 66.675	0.03 0.8	5.24 133.0	3.2500 82.550
11700 51900	20300 90300	8820 39200	1.32	595 Series 590A	3.0000 76.200	0.14 3.5	3.74 95.0	592D	6.0000 152.400	2.5000 63.500	0.03 0.8	5.67 144.0	3.2500 82.550
12600 55900	21900 97400	7790 34700	1.61	635 Series 636	2.1250 53.975	0.14 3.5	2.87 73.0	632D	5.3750 136.525	3.0000 76.200	0.06 1.5	4.92 125.0	3.7500 95.250

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Dimensions and Ratings

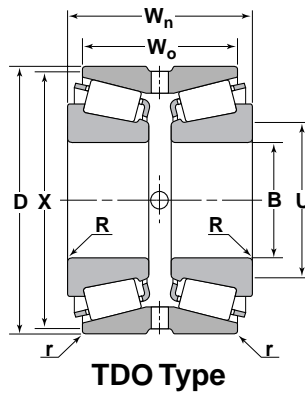
Load Rating: 3000 hrs L ₁₀ Life @ 500 rpm			K Factor	Cone Number †	B	R	U	Cup Number	D	W _o	r	X	W _n
					Bore Diameter	Maximum Shaft Fillet Radius *	Minimum Shaft Shoulder Diameter		Outside Diameter	Cup Width	Maximum Housing Fillet Radius *	Maximum Housing Shoulder Diameter	Bearing Width Through Cones
Radial Rating		Thrust Rating											
One Row	Two Row				Inch/mm				Inch/mm				
lbs/N													
14300 63500	24900 111000	11500 51200	1.24	675 Series 677	3.3750 85.725	0.14 3.5	4.13 105.0	672D	6.6250 168.275	2.7500 69.850	0.03 0.8	6.30 160.0	3.6250 92.075
17100 76300	29900 133000	9550 42500	1.8	745 Series 740	3.1875 80.962	0.20 5.0	3.98 101.0	742D	6.1250 155.575	3.3750 85.725	0.06 1.5	5.63 143.0	4.0000 101.600
17700 78500	30700 137000	10300 45900	1.71	755 Series 755	3.0000 76.200	0.14 3.5	3.74 95.0	752D	6.3750 161.925	3.3750 85.725	0.06 1.5	5.91 150.0	4.1250 104.775
18700 83100	32500 145000	12300 54800	1.51	775 Series 776	3.7500 95.250	0.14 3.5	4.49 114.0	774D	7.1250 180.975	3.3750 85.725	0.06 1.5	6.61 168.0	4.1250 104.775
20400 90800	35500 158000	16000 71300	1.27	795 Series 795	4.7500 120.650	0.13 3.3	5.47 139.0	792D	8.1250 206.375	3.2500 82.550	0.03 0.8	7.80 198.0	4.2500 107.950
24700 110000	43000 191000	14200 63000	1.74	855 Series 855	3.5000 88.900	0.31 8.0	4.65 118.0	854D	7.5000 190.500	4.0000 101.600	0.06 1.5	6.85 174.0	5.0000 127.000
30900 137000	53700 239000	17200 76600	1.79	935 Series 936	4.2500 107.950	0.31 8.0	5.39 137.0	932D	8.3750 212.725	4.6250 117.475	0.06 1.5	7.60 193.0	5.6250 142.875
30100 134000	52500 233000	21000 93300	1.44	8500 Series 8573	9.0000 228.600	0.25 6.4	10.04 255.0	8520D	12.8750 327.025	3.2500 82.550	0.06 1.5	12.32 313.0	4.5000 114.300
16400 72800	28500 127000	10700 47800	1.52	46700 Series 46780	6.2500 158.750	0.14 3.5	6.93 176.0	46720D	8.8750 225.425	2.7500 69.850	0.03 0.8	8.58 218.0	3.3750 85.725
14500 64300	25200 112000	7550 33600	1.91	48200 Series 48286	4.8750 123.825	0.14 3.5	5.47 139.0	48220D	7.1875 182.562	2.8750 73.025	0.03 0.8	6.93 176.0	3.3750 85.725
15300 67900	26600 118000	8390 37300	1.82	48300 Series 48385	5.2500 133.350	0.14 3.5	5.83 148.0	48320D	7.5000 190.500	2.8750 73.025	0.03 0.8	7.24 184.0	3.3750 85.725
15500 68800	26900 120000	8900 39600	1.74	48600 Series 48684	5.6250 142.875	0.31 8.0	6.54 166.0	48620D	7.8750 200.025	2.8750 73.025	0.03 0.8	7.60 193.0	3.4376 87.315
12100 53600	21000 93400	9800 43600	1.23	52000 Series 52375	3.7500 95.250	0.14 3.5	4.41 112.0	52637D	6.3750 161.925	2.4375 61.912	0.03 0.8	6.06 154.0	3.2499 82.547
6880 30600	12000 53300	10400 46300	0.66	55000C Series 55175C	1.7500 44.450	0.14 3.5	2.76 70.0	55433D	4.3300 109.982	1.6875 42.865	0.02 0.5	4.13 105.0	2.5000 63.500

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Tapered Roller Bearings



Load Rating: 3000 hrs L ₁₀ Life @ 500 rpm			K Factor	Cone Number †	B	R	U	Cup Number	D	W _o	r	X	W _n
Radial Rating		Thrust Rating			Bore Diameter	Maximum Shaft Fillet Radius *	Minimum Shaft Shoulder Diameter		Outside Diameter	Cup Width	Maximum Housing Fillet Radius *	Maximum Housing Shoulder Diameter	Bearing Width Through Cones
One Row	Two Row				Inch/mm				Inch/mm				
lbs/N													
12200 54400	21300 94600	10400 46300	1.18	56000 Series 56418	4.1875 106.362	0.14 3.5	4.80 122.0	56650D	6.5000 165.100	2.5000 63.500	0.03 0.8	6.26 159.0	3.2500 82.550
8340 37100	14500 64600	9500 42300	0.88	66500 Series 66584	2.1250 53.975	0.14 3.5	2.95 75.0	66522D	5.1174 129.982	1.8750 47.625	0.03 0.8	4.65 118.0	2.7500 69.850
19800 88200	34500 154000	11700 52000	1.7	67300 Series 67388	5.0000 127.000	0.14 3.5	5.67 144.0	67322D	7.7500 196.850	3.3750 85.725	0.03 0.8	7.48 190.0	4.0000 101.600
19800 88200	34500 154000	11700 52000	1.7	67300 Series 67388	5.0000 127.000	0.14 3.5	5.67 144.0	67323D	7.7500 196.850	3.6250 92.075	0.03 0.8	7.48 190.0	4.2500 107.950
21900 97200	38100 169000	16500 73200	1.33	67700 Series 67780	6.5000 165.100	0.14 3.5	7.28 185.0	67720D	9.7500 247.650	3.3125 84.138	0.03 0.8	9.45 240.0	4.0625 103.188
22500 99900	39100 174000	18400 81700	1.22	67800 Series 67883	7.2500 184.150	0.14 3.5	8.03 204.0	67820D	10.5000 266.700	3.3125 84.138	0.03 0.8	10.20 259.0	4.0625 103.188
19600 87300	34200 152000	14000 62200	1.4	71000 Series 71412	4.1250 104.775	0.14 3.5	4.88 124.0	71751D	7.5000 190.500	3.1875 80.962	0.06 1.5	7.13 181.0	4.1875 106.362
20600 91700	35900 160000	17200 76500	1.2	74000 Series 74500	5.0000 127.000	0.14 3.5	5.83 148.0	74851D	8.5000 215.900	3.1875 80.962	0.06 1.5	8.19 208.0	4.1875 106.362
19300 85900	33600 149600	11600 51800	1.66	81000 Series 81600	6.0000 152.400	0.14 3.5	6.73 171.0	81963D	9.6250 244.475	3.1250 79.375	0.06 1.5	9.00 228.0	4.2500 107.950

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Dimensions and Ratings

Load Rating: 3000 hrs L ₁₀ Life @ 500 rpm			K Factor	Cone Number †	B	R	U	Cup Number	D	W _o	r	X	W _n
Radial Rating		Thrust Rating			Bore Diameter	Maximum Shaft Fillet Radius *	Minimum Shaft Shoulder Diameter		Outside Diameter	Cup Width	Maximum Housing Fillet Radius *	Maximum Housing Shoulder Diameter	Bearing Width Through Cones
One Row	Two Row				Inch/mm		Inch/mm						
lbs/N													
27800 124000	48400 215000	21000 93600	1.32	82000 Series 82550	5.5000 139.700	0.14 3.5	6.34 161.0	82951D	9.5000 241.300	4.1875 106.362	0.06 1.5	8.90 226.0	5.1875 131.762
39500 175000	68700 306000	35300 157000	1.12	93000 Series 93708	7.0856 179.974	0.14 3.5	8.23 209.0	93127D	12.5000 317.500	4.3750 111.125	0.06 1.5	11.81 300.0	5.7500 146.050
35600 159000	62000 276000	28600 127000	1.25	94000 Series 94649	6.5000 165.100	0.28 7.0	7.76 197.0	94114D	11.3750 288.925	4.3750 111.125	0.06 1.5	10.71 272.0	5.6250 142.875
33900 151000	59100 263000	21500 95500	1.58	95000 Series 95475	4.7500 120.650	0.25 6.4	5.87 149.0	95927D	9.2500 234.950	4.5000 114.300	0.06 1.5	8.54 217.0	5.6250 142.875
41000 182000	71300 317000	41400 184000	0.99	96000 Series 96900	9.0000 228.600	0.28 7.0	10.24 260.0	96140D	14.0000 355.600	4.3750 111.125	0.06 1.5	13.15 334.0	6.0000 152.400
35600 158000	62000 276000	24800 110000	1.43	99000 Series 99550	5.5000 139.700	0.28 7.0	6.69 170.0	99102D	10.0000 254.000	4.3750 111.125	0.06 1.5	9.37 238.0	5.8750 149.225
37700 168000	65700 292000	22800 101000	1.65	127000 Series EE127095	9.5000 241.300	0.25 6.4	10.51 267.0	127139D	13.9960 355.498	4.0000 101.600	0.06 1.5	12.95 329.0	5.0000 127.000
36700 163000	63900 284000	20500 91000	1.79	HH224300 Series HH224334	3.9360 99.974	0.14 3.5	4.88 124.0	HH224310D	8.3750 212.725	4.6250 117.475	0.06 1.5	7.94 202.0	5.6250 142.875
44500 198000	77400 344000	24300 108000	1.83	HM237500 Series HM237532	6.3120 160.325	0.28 7.0	7.56 192.0	HM237510D	11.3750 288.925	4.3750 111.125	0.06 1.5	10.68 271.0	5.6250 142.875
23700 105000	41200 183000	12900 57500	1.83	LM241100 Series LM241149	8.0000 203.200	0.14 3.5	8.62 219.0	LM241110D	10.8750 276.225	2.8750 73.025	0.03 0.8	10.51 267.0	3.5625 90.485
30500 136000	53200 236000	17400 77300	1.76	LM249700 Series LM249748	10.0000 254.000	0.14 3.5	10.71 272.0	LM249710D	13.6875 347.662	2.7500 69.850	0.06 1.5	13.11 333.0	3.7500 95.250
33500 149000	58300 259000	20600 91600	1.63	L357000 Series L357049	12.0000 304.800	0.25 6.4	12.95 329.0	L357010D	15.5000 393.700	3.2500 82.550	0.06 1.5	14.96 380.0	4.2500 107.950
40100 178000	69800 310000	24700 110000	1.62	LM451300 Series LM451345	10.3750 263.525	0.14 3.5	11.14 283.0	LM451310D	14.0000 355.600	4.0000 101.600	0.06 1.5	13.50 343.0	5.0000 127.000
47000 209000	81900 364000	57400 255000	0.82	LM961500 Series LM961548	13.5000 342.900	0.13 3.3	14.45 367.0	LM961511D	17.9960 457.098	4.0000 101.600	0.06 1.5	17.44 443.0	5.6250 142.875

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