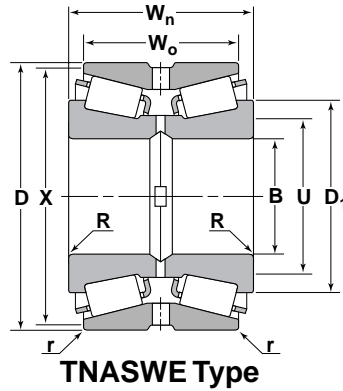


Tapered Roller Bearings



Cone large flange diameter (D_1) is ground for sealing purposes.

Load Rating: 3000 hrs L_{10} Life @ 500 rpm			K Factor	Cone Number	B	R	U	D_1	Cup Number	D	W_o	r	X	W_n
Radial Rating		Thrust Rating			Bore Diameter	Maximum Shaft Fillet Radius *	Minimum Shaft Shoulder Diameter	Nominal Large Flange 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											
30100 134000	52500 233000	21000 93300	1.44	8500 Series NA8575SW	9.2500 234.950	0.25 6.4	10.20 259.0	11.006 279.55	8520D	12.8750 327.025	3.2500 82.550	0.06 1.5	12.32 313.0	4.6250 117.475
16400 72800	28500 127000	10700 47800	1.52	46700 Series NA46790SW	6.5000 165.100	0.14 3.5	7.13 181.0	7.760 197.10	46720D	8.8750 225.425	2.7500 69.850	0.03 0.8	8.58 218.0	3.7500 95.250
14500 64300	25200 112000	7550 33600	1.91	48200 Series NA48290SW	5.0000 127.000	0.14 3.5	5.55 141.0	6.110 155.19	48220D	7.1875 182.562	2.8750 73.025	0.03 0.8	6.93 176.0	3.6874 93.660
15500 68800	26900 120000	8900 39600	1.74	48600 Series NA48685SW	5.6250 142.875	0.14 3.5	6.22 158.0	6.775 172.08	48620D	7.8750 200.025	2.8750 73.025	0.03 0.8	7.60 193.0	3.6876 93.665
12200 54400	21300 94600	10400 46300	1.18	56000 Series NA56425SW	4.2500 107.950	0.14 3.5	4.84 123.0	5.428 137.87	56650D	6.5000 165.100	2.5000 63.500	0.03 0.8	6.26 159.0	3.5000 88.900
23700 105000	41200 183000	12900 57500	1.83	LM241100 Series LM241149NW	8.0000 203.200	0.14 3.5	8.66 220.0	9.466 240.44	LM241110D	10.8750 276.225	2.8750 73.025	0.03 0.8	10.51 267.0	3.7500 95.250
30500 136000	53200 236000	17400 77300	1.76	LM249700 Series LM249747NW	9.9990 253.975	0.14 3.5	10.71 272.0	11.586 294.28	LM249710D	13.6875 347.662	2.7500 69.850	0.06 1.5	13.11 333.0	4.0000 101.600
33500 149000	58300 259000	20600 91600	1.63	L357000 Series L357049NW	12.0000 304.800	0.25 6.4	12.95 329.0	13.797 350.44	L357010D	15.5000 393.700	3.2500 82.550	0.06 1.5	14.96 380.0	4.2500 107.950

* The maximum fillet on the shaft or in the housing that the bearing corner will clear.

Dimensions and Ratings

Bore Diameter		Tolerance (Class 2)	
Inch/mm		.0001 Inch/micrometers	
Over	Inclusive	High	Low
0	3.0000	+ 5	0
0	76.200	+ 13	0
3.0000	10.5000	+ 10	0
76.200	266.700	+ 25	0

Outside Diameter		Tolerance (Class 2)	
Inch/mm		.0001 Inch/micrometers	
Over	Inclusive	High	Low
0	12.0000	+ 10	0
0	304.800	+ 25	0
12.0000	24.0000	+ 20	0
304.800	609.600	+ 51	0

Cone Number	B	Cup Number	D	Stationary Cone			Rotating Cup (Clamped Design)		Stationary Cone		Rotating Cup (Clamped Design)	
	Bore Diameter		Outside Diameter	Shaft Diameter	Resultant Fit	Housing Diameter	Resultant Fit	Shaft Diameter	Resultant Fit	Housing Diameter	Resultant Fit	
	Inch/mm		Inch/mm		.0001 Inch/micrometers	Inch/mm	.0001 Inch/micrometers	Inch/mm	.0001 Inch/micrometers	Inch/mm	.0001 Inch/micrometers	
8500 Series NA8575SW	9.2500	8520D	12.8750	9.2500	0L	12.8720	50T	9.2500	0L	12.8710	60T	
	234.950		327.025	234.950	25L	12.8740	10T	9.2490	25L	12.8730	20T	
46700 Series NA46790SW	6.5000	46720D	8.8750	6.5000	0L	8.8740	30T	6.5000	0L	8.8720	40T	
	165.100		225.425	6.4990	25L	8.8730	10T	6.4990	25L	8.8730	20T	
48200 Series NA48290SW	5.0000	48220D	7.1875	5.0000	0L	7.1855	30T	5.0000	0L	7.1845	40T	
	127.000		182.562	4.9990	25L	7.1865	10T	4.9990	25L	7.1855	20T	
48600 Series NA48685SW	5.6250	48620D	7.8750	5.6250	0L	7.8730	30T	5.6250	0L	7.8720	40T	
	142.875		200.025	5.6240	25L	7.8740	10T	5.6240	25L	7.8730	20T	
56000 Series NA56425SW	4.2500	56650D	6.5000	4.2500	0L	6.4980	30T	4.2500	0L	6.4970	40T	
	107.950		165.100	4.2490	25L	6.4990	10T	4.2490	25L	6.4980	20T	
LM241100 Series LM241149NW	8.0000	LM241110D	10.8750	8.0000	0L	10.8730	30T	8.0000	0L	10.8720	40T	
	203.200		276.225	7.9990	25L	10.8740	10T	7.9990	25L	10.8730	20T	
LM249700 Series LM249747NW	9.9990	LM249710D	13.6875	9.9990	0L	13.6845	50T	9.9990	0L	13.6835	60T	
	253.975		347.662	9.9980	25L	13.6865	10T	9.9980	25L	13.6855	20T	
L357000 Series L357049NW	12.0000	L357010D	15.5000	12.0000	0L	15.4970	50T	12.0000	0L	15.4960	60T	
	304.800		393.700	11.9990	25L	15.4990	10T	11.9990	25L	15.4980	20T	
				304.775	63L	393.675	25T	304.775	63L	393.649	51T	

* The maximum fillet on the shaft or in the housing that the bearing corner will clear.