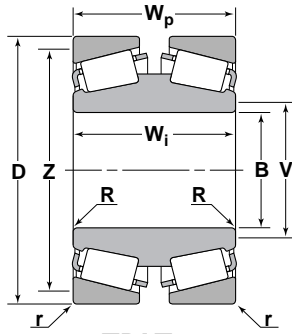
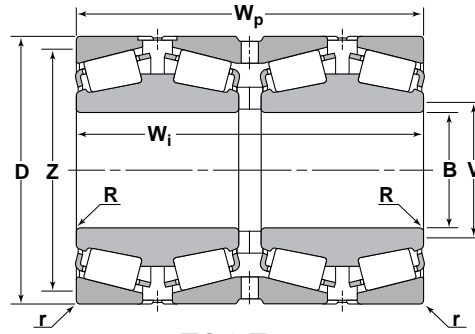


Tapered Roller Bearings



TDI Type



TQO Type

Load Rating: 3000 hrs L ₁₀ Life @ 500 rpm				K Factor	Cone Number	B	W _i	R	V	Cup Number	D	r	Z	W _n	W _p		
Radial Rating			Thrust Rating			Bore Diameter	Cone Width	Maximum Shaft Fillet Radius *	Minimum Shaft Shoulder Diameter		Outside Diameter	Maximum Housing Fillet Radius *	Maximum Housing Shoulder Diameter	Bearing Width Through Cones	Bearing Width Over Cups		
One Row	Two Row	Four Row				Inch/mm											
lbs/N				Inch/mm													
14500 25200 44000 7550 64300 112000 195500 33600				1.91	48200 Series	48290D	5.0000	3.0000	0.06	5.39	48220	7.1875	0.13	6.61	—	3.0000	
							127.000	76.200	1.5	137.0		182.562	3.3	168.0	—	76.200	
					14500 25200 44000 7550	1.91	48290D	5.0000	—	0.06	5.39	48220	7.1875	0.13	6.61	6.2500	6.2500
					64300 112000 195500 33600			127.000	—	1.5	137.0		182.562	3.3	168.0	158.750	158.750
14500 25200 44000 7550	1.91	48220D	7.1875	—	—	—	48220D	7.1875	—	—	—	—					
64300 112000 195500 33600			182.562	—	—	—		182.562	—	—	—	—					
22500 39100 68200 18400 99900 174000 303400 81700				1.22	67800 Series	67885D	7.5000	3.5313	0.06	8.03	67820	10.5000	0.13	9.69	—	3.5625	
							190.500	89.695	1.5	204.0		266.700	3.3	246.0	—	90.488	
					22500 39100 68200 18400	1.22	67885D	7.5000	—	0.06	8.03	67820	10.5000	0.13	9.69	7.3750	7.4375
					99900 174000 303400 81700			190.500	—	1.5	204.0		266.700	3.3	246.0	187.325	188.912
22500 39100 68200 18400	1.22	67820D	10.5000	—	—	—	67820D	10.5000	—	—	—	—					
99900 174000 303400 81700			266.700	—	—	—		266.700	—	—	—	—					
37700 65700 114300 22800 168000 292000 508300 101000				1.65	127000 Series	EE127094D	9.4970	4.2500	0.06	10.12	127138	13.9960	0.13	12.87	—	4.2500	
							241.224	107.950	1.5	257.0		355.498	3.3	327.0	—	107.950	
					37700 65700 114300 22800	1.65	EE127094D	3.4970	—	0.06	10.12	127138	13.9960	0.13	12.87	9.0000	9.0000
					168000 292000 508300 101000			241.224	—	1.5	257.0		355.498	3.3	327.0	228.600	228.600
37700 65700 114300 22800	1.65	127139D	13.9960	—	—	—	127139D	13.9960	—	—	—	—					
168000 292000 508300 101000			355.498	—	—	—		355.498	—	—	—	—					
59500 104000 180400 33900 265000 461000 802300 151000				1.76	M257100 Series	M257149D	12.0000	5.1250	0.06	12.68	M257110	16.5000	0.25	15.43	—	5.1250	
							304.800	130.175	1.5	322.0		419.100	6.4	392.0	—	130.175	
				59500 104000 180400 33900	1.76	M257149DW	12.0000	5.1250	0.06	12.68	M257110	16.5000	0.25	15.43	10.6250	10.6250	
				265000 461000 802300 151000			304.800	130.175	1.5	322.0		419.100	6.4	392.0	269.875	269.875	
59500 104000 180400 33900	1.76	M257149D	12.0000	—	0.06	12.68	M257110	16.5000	0.25	15.43	10.6250	10.6250					
265000 461000 802300 151000			304.800	—	1.5	322.0		419.100	6.4	392.0	269.875	269.875					
59500 104000 180400 33900	1.76	M257110D	16.5000	—	—	—	M257110D	16.5000	—	—	—	—					
265000 461000 802300 151000			419.100	—	—	—		419.100	—	—	—	—					

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

Dimensions and Ratings

Load Rating: 3000 hrs L ₁₀ Life @ 500 rpm				K Factor	Cone Number	B	W _i	R	V	Cup Number	D	r	Z	W _n	W _p	
Radial Rating			Thrust Rating			Bore Diameter	Cone Width	Maximum Shaft Fillet Radius *	Minimum Shaft Shoulder Diameter		Outside Diameter	Maximum Housing Fillet Radius *	Maximum Housing Shoulder Diameter	Bearing Width Through Cones	Bearing Width Over Cups	
One Row	Two Row	Four Row														
lbs/N				Inch/mm				Inch/mm								
56300	98100	170700	30800	1.83	LM258600 Series	12.5000	5.0625	0.06	13.15	LM258610	16.6250	0.13	15.67	—	5.0625	
251000	436000	759100	137000		LM258648DW	317.500	128.588	1.5	334.0		LM258610	422.275	3.3	398.0	—	128.588
56300	98100	170700	30800		LM258648DW	12.5000	—	0.06	13.15		LM258610	16.6250	0.13	15.67	10.6250	10.6250
251000	436000	759100	137000			317.500	—	1.5	334.0		422.275	3.3	398.0	269.875	269.875	
56300	98100	170700	30800	1.83						LM258610D	16.6250	—	—	—	—	
251000	436000	759100	137000								422.275	—	—	—	—	
40100	69800	121600	24700	1.62	LM451300 Series	10.5000	4.3125	0.06	11.06	LM451310	14.0000	0.13	13.19	—	4.2500	
178000	310000	540700	110000		LM451349DW	266.700	109.538	1.5	281.0		LM451310	355.600	3.3	335.0	—	107.950
40100	69800	121600	24700		LM451349DW	10.5000	—	0.06	11.06		LM451310	14.0000	0.13	13.19	9.0625	9.0000
178000	310000	540700	110000			266.700	—	1.5	281.0		355.600	3.3	335.0	230.188	228.600	
40100	69800	121600	24700	1.62						LM451310D	14.0000	—	—	—	—	
178000	310000	540700	110000								355.600	—	—	—	—	
62800	109000	190400	50800	1.24	M757400 Series	11.9940	5.2813	0.13	12.91	M757410	17.2460	0.19	16.02	—	5.4375	
279000	486000	846800	226000		M757448DW	304.648	134.145	3.3	328.0		M757410	438.048	4.8	407.0	—	138.112
62800	109000	190400	50800		M757449DW	12.0079	5.2813	0.13	12.91		M757410	17.2460	0.19	16.02	11.0626	11.0000
279000	486000	846800	226000			305.000	134.145	3.3	328.0		438.048	4.8	407.0	280.990	279.400	
62800	109000	190400	50800	1.24	M757448DW	11.9940	—	0.13	12.91	M757410D	17.2460	—	—	—	—	
279000	486000	846800	226000				304.648	—	3.3	328.0		438.048	—	—	—	
62800	109000	190400	50800								17.2460	—	—	—	—	
279000	486000	846800	226000							438.048	—	—	—	—		
52300	91100	158500	42400	1.24	LM761600 Series	13.4375	4.8125	0.06	14.13	LM761610	17.9960	0.13	17.01	—	4.8125	
233000	405000	705200	188000		LM761648DW	341.312	122.238	1.5	359.0		LM761610	457.098	3.3	432.0	—	122.238
52300	91100	158500	42400		LM761649DW	13.5060	4.8125	0.06	14.21		LM761610	17.9960	0.13	17.01	10.0000	10.0000
233000	405000	705200	188000			343.052	122.238	1.5	361.0		457.098	3.3	432.0	254.000	254.000	
52300	91100	158500	42400	1.24	LM761648DW	13.4375	—	0.06	14.13	LM761610D	17.9960	—	—	—	—	
233000	405000	705200	188000				341.312	—	1.5	359.0		457.098	—	—	—	
52300	91100	158500	42400								17.9960	—	—	—	—	
233000	405000	705200	188000							457.098	—	—	—	—		
52300	91100	158500	42400	1.24	LM761649DWA	13.5060	—	0.06	14.21	LM761610	17.9960	0.13	17.01	12.7500	10.0000	
233000	405000	705200	188000				343.052	—	1.5	361.0		457.098	3.3	432.0	323.850	254.000
52300	91100	158500	42400								17.9960	—	—	—	—	
233000	405000	705200	188000							457.098	—	—	—	—		
61300	107000	185800	49600	1.24	LM763400 Series	14.0000	5.0625	0.06	14.76	LM763410	19.0000	0.13	17.83	—	5.2500	
273000	475000	826600	221000		LM763449DW	355.600	128.588	1.5	375.0		LM763410	482.600	3.3	453.0	—	133.350
61300	107000	185800	49600		LM763449DW	14.0000	—	0.06	14.76		LM763410	19.0000	0.13	17.83	10.4375	10.6250
273000	475000	826600	221000			355.600	—	1.5	375.0		482.600	3.3	453.0	265.112	269.875	
61300	107000	185800	49600	1.24	763449DWA	14.0000	—	0.06	14.76	LM763410D	19.0000	—	—	—	—	
273000	475000	826600	221000								482.600	—	—	—	—	
61300	107000	185800	49600								19.0000	0.13	17.83	13.0000	10.6250	
273000	475000	826600	221000			355.600	—	1.5	375.0		482.600	3.3	453.0	330.200	269.875	
61300	107000	185800	49600	1.24						LM763410D	19.0000	—	—	—	—	
273000	475000	826600	221000								482.600	—	—	—	—	
61300	107000	185800	49600								19.0000	—	—	—	—	
273000	475000	826600	221000							482.600	—	—	—	—		
47000	81900	142500	57400	0.82	LM961500 Series	13.5060	4.8125	0.06	14.29	LM961511	17.9960	0.13	16.65	—	4.8750	
209000	364000	633700	255000		LM961548DW	343.052	122.238	1.5	363.0		LM961511	457.098	3.5	423.0	—	123.825
47000	81900	142500	57400		LM961548DW	13.5060	—	0.06	14.29		LM961511	17.9960	0.13	16.65	10.0000	10.0000
209000	364000	633700	255000			343.052	—	1.5	363.0		457.098	3.5	423.0	254.000	254.000	
47000	81900	142500	57400	0.82						LM961511D	17.9960	—	—	—	—	
209000	364000	633700	255000								457.098	—	—	—	—	