

Taper Roller Bearings Single Row



BEARINGS



Principal dimensions				Basic Load Rating (N)	Speed Ratings Lubrication		Mass Kg	Designation	Principal dimensions				Basic Load Rating (N)	Speed Ratings Lubrication		Mass Kg	Designation
d	D	T	dyn.		Stat.	Grease			Oil	d	D	T		dyn.	Stat.		
15	42	14	22400	20000	9000	13000	0.095	30302		85	33	121000	150000	4500	6000	0.90	T2EE 040
17	40	13	19000	18600	9000	13000	0.075	30203		90	25.25	85800	95000	4500	6000	0.72	30308
	47	15	28100	25000	8500	12000	0.13	30303		90	25.25	73700	81500	4000	5300	0.72	31308
	47	20	34700	33500	8500	11000	0.17	32303		90	35.25	117000	140000	4000	5300	1.00	32308
20	42	15	24200	27000	8500	12000	0.097	32004 x		90	35.25	108000	140000	4000	5300	1.10	32208 B
	47	15	27500	28000	8000	11000	0.12	30204	45	75	20	58300	80000	4800	6300	0.34	32009 X
	52	16	34100	32500	8000	11000	0.17	30304		80	26	84200	114000	4500	6000	0.56	33109
	52	22	44100	45500	7500	10000	0.23	32304		85	20.75	66000	76500	4500	6000	0.48	30209
22	44	15	25100	29000	8000	11000	0.10	320/22 x		85	24.75	80900	98000	4500	6000	0.58	32209
	47	17	34100	36500	8000	11000	0.14	T2CC 022		85	24.75	73700	93000	4300	5600	0.60	32209 B
25	47	15	27000	32500	8000	11000	0.11	32005		85	32	108000	143000	4000	5300	0.82	33209
	52	16	30800	33500	7500	10000	0.15	30205		95	29	89700	112000	3600	4800	0.92	T7FC 045
	52	19	35800	44000	7000	9500	0.19	32205 B		95	36	147000	186000	4000	5300	1.20	T2ED 045
	52	22	47300	56000	6700	9000	0.23	33205		100	27.25	108000	120000	4000	5300	0.97	30309
	62	18	44600	43000	6700	9000	0.26	30305		100	27.25	91300	102000	3400	4500	0.95	31309
	62	18	38000	40000	5600	7500	0.26	31305		100	38.25	140000	170000	3600	4800	1.35	32309
	62	25	60500	63000	6000	8000	0.36	32305		100	38.25	134000	176000	3600	4800	1.45	323098
28	52	16	31900	38000	7000	9500	0.15	320/28 x	50	80	20	60500	8800	4500	6000	0.37	32010 X
	58	20	41800	50000	6300	8500	0.25	322/28 B		80	24	69300	102000	4500	6000	0.45	33010
30	55	17	35800	44000	6700	9000	0.17	32006 x		82	21.5	72100	100000	4500	6000	0.43	KJLM104948
	62	17	40200	44000	6300	8500	0.23	30206									KJLM104910
	62	21	50100	57000	6300	8500	0.28	32206		85	26	85800	122000	4300	5600	0.59	33110
	62	21	49500	58500	6000	8000	0.30	32206 B		90	21.75	76500	91500	4300	5600	0.54	30210
	62	25	64400	76500	5600	7500	0.37	33206		90	24.75	82500	100000	4300	5600	0.61	32210
	72	21	56100	56000	5600	7500	0.39	30306		90	24.75	82500	104000	4000	5300	0.65	32210 B
	72	21	47300	50000	5000	6700	0.39	31306		90	28	106000	140000	4000	5300	0.75	KJM205149
	72	29	76500	85000	5300	7000	0.55	32306									KJM205110
32	58	17	36900	46500	6300	8500	0.19	320/32 x		90	28	106000	140000	4000	5300	0.75	KJM205149
35	62	18	42900	54000	6000	8000	0.22	32007 x									KJM205110A
	72	18	51200	56000	5300	7000	0.32	30207		90	32	114000	160000	3800	5000	0.90	33210
	72	24	66000	78000	5300	7000	0.43	32207		100	36	154000	200000	3800	5000	1.30	T2ED 050
	72	24	60500	75000	5300	7000	0.44	32207 B		105	32	108000	137000	3200	4300	1.20	T7FC 050
	72	28	84200	106000	4800	6300	0.56	33207		110	29.25	12500	140000	3600	4800	1.25	30310
	80	23	72100	73500	5000	6700	0.52	30307	55	110	29.25	106000	120000	3200	4300	1.20	31310
	80	23	61600	67000	4500	6000	0.52	31307		110	42.25	172000	212000	3200	4300	1.80	32310
	80	33	95200	106000	4800	6300	0.73	32307		110	42.25	161000	216000	3200	4300	1.85	32310 B
	80	33	93500	114000	4500	6000	0.80	32307 B		90	23	78100	112000	4000	5300	0.56	KJM506849
40	68	19	52800	71000	5300	7000	0.27	32008 x									KJLM506810
	75	26	79200	104000	5000	6700	0.51	33108		90	23	80900	116000	4000	5300	0.55	32011 X
	80	20	61600	68000	4800	6300	0.42	30208		90	27	89700	137000	4000	5300	0.67	33011
	80	25	74800	86500	4800	6300	0.53	32208		95	30	110000	156000	3800	5000	0.86	33111
	80	32	105000	132000	4300	5600	0.77	33208		100	22.75	89700	106000	3800	5000	0.70	30211

Taper Roller Bearings Single Row



BEARINGS																	
Principal dimensions			Basic Load Rating		Speed Ratings		Mass	Designation	Principal dimensions			Basic Load Rating		Speed Ratings		Mass	Designation
			(N)		Lubrication		Kg					(N)		Lubrication		Kg	
d	D	T	dyn.	stat.	Grease	Oil			d	D	T	dyn.	stat.	Grease	Oil		
	100	26.75	106000	129000	3800	5000	0.83	32211		115	25	106000	163000	3000	4000	0.90	32015 X
	100	26.75	101000	127000	3600	4800	0.87	32211 B		115	31	134000	228000	3000	4000	1.15	33015
	100	35	138000	190000	3400	4500	1.20	33211		120	31	138000	216000	2800	3800	1.30	KJM714249
	110	39	179000	232000	3400	4500	1.70	T2ED 055									KJM714210
	115	34	125000	163000	3000	4000	1.60	T7FC 055		125	37	176000	265000	2800	3800	1.80	33115
	120	31.5	142000	163000	3200	4300	1.55	30311		130	27.25	140000	176000	2800	3800	1.40	30215
	120	31.5	121000	137000	2800	3800	1.55	31311		130	33.25	161000	212000	2600	3600	1.70	33215
	120	45.5	198000	250000	2000	4000	2.30	32311		130	41	209000	300000	2400	3400	2.25	33215
	120	45.5	190000	260000	2800	3800	2.50	32311 B		145	51	308000	450000	2400	3400	3.90	KJH415647
60	95	23	82500	122000	3800	5000	0.59	32012 X									KJH415610
	95	24	84200	132000	3600	4800	0.62	KJLM508748		150	42	201000	280000	2000	3000	3.25	T7FC 075
								KJLM508710		160	40	246000	290000	2200	3200	3.45	30315
	95	27	91300	143000	3800	5000	0.71	33012		160	40	209000	245000	1900	2800	3.50	31315
	100	30	117000	170000	3600	4800	0.792	33112		160	58	336000	440000	2000	3000	5.20	32315
	110	23.75	99000	114000	3400	4500	0.88	30212		160	58	336000	475000	1900	2800	5.55	32315 B
	110	29.75	125000	160000	3400	4500	1.15	30212	80	125	29	136000	216000	2600	3600	1.30	32016 X
	110	38	168000	236000	3000	4500	1.60	32212		125	36	168000	285000	2600	3600	1.65	33016
	115	39	168000	250000	3000	4000	1.85	33212		130	87	179000	280000	2600	3600	1.90	33116
	115	40	194000	260000	3200	4000	1.85	TSED 060		140	28.25	151000	183000	2400	3400	1.60	30216
	125	37	154000	204000	2600	4300	2.05	THE 060		140	35.25	187000	245000	2400	3400	2.05	32216
	130	33.5	168000	196000	3000	3600	1.95	T7FC 060		140	46	251000	375000	2200	3200	2.90	33216
	130	33.5	145000	166000	2600	4000	1.90	30313		145	46	281000	400000	2400	3400	3.25	T2ED 080
	130	48.5	229000	290000	2600	3600	2.85	31312		170	42.5	270000	320000	2000	3000	4.10	30316
	130	48.5	220000	305000	2600	3600	2.80	32312		170	42.5	224000	265000	1900	2800	4.85	31316
65	100	23	84200	127000	14300	4500	0.63	32312 B		170	61.5	380000	500000	1900	2800	6.20	32316
	100	27	96800	156000	17600	4500	0.78	32013 X		170	61.5	358000	520000	1800	2600	5.70	32316 B
	110	28	123000	183000	21200	4300	1.05	KJM511946/10	85	130	29	140000	224000	2400	3400	1.35	32017 X
										130	30	140000	228000	2600	3600	1.40	KJM716649
	110	34	142000	208000	24500	4300	1.30	33113									KJM716610
	120	24.75	114000	134000	16300	4000	1.15	30213		130	36	183000	310000	2600	3600	1.75	33017
	120	32.75	151000	193000	23200	4000	1.50	32213		140	41	220000	340000	2400	3400	2.45	33117
	120	39	161000	240000	27500	4000	1.95	TSED 065		150	30.5	176000	220000	2200	3200	2.05	30217
	120	39	187000	265000	3000	4000	1.90	KJH211749		150	38.5	212000	285000	2200	3200	2.60	32217
								KJH211710		150	49	286000	430000	2000	3000	3.70	33217
	120	41	194000	270000	2800	3800	2.05	33213		180	44.5	303000	365000	1900	2800	4.85	30317
	130	37	157000	216000	2400	3400	2.20	T7FC 065		180	44.5	242000	285000	1800	2600	4.60	31317
	140	36	194000	228000	2600	3600	2.40	30313		180	63.5	402000	530000	1800	2600	6.85	32317
	140	36	165000	193000	2200	3200	2.35	31313		180	63.5	391000	560000	1800	2600	7.50	32317 B
	140	51	264000	335000	2400	3400	3.45	32313	90	140	32	168000	270000	2200	3200	1.75	32018 X
	140	51	246000	345000	2200	3200	3.45	32313 B		140	39	216000	355000	2200	3200	2.20	33018
70	110	25	101000	153000	3200	4300	0.84	32014 X		145	85	201000	305000	2200	3200	2.15	KJM718149
	110	26	101000	160000	3200	4300	0.91	KJLM813049									KJM718110
								KJLM813010		150	45	251000	390000	2000	3000	3.10	33118
	110	31	130000	196100	3200	4300	1.10	33014		155	46	286000	430000	2000	3000	3.50	T2ED 090
	120	37	172000	250000	3000	4000	1.70	33114		160	32.5	194000	245000	2000	3000	2.55	30218
	125	25.25	125000	156000	3000	4000	1.25	30214		160	42.5	251000	340000	2000	3000	3.35	32218
	125	33.25	157000	208000	2800	3800	1.60	32214		175	48	270000	380000	1700	2400	4.95	T7FC 090
	125	41	201000	285000	2600	3600	2.10	33214		190	46.5	330000	400000	1800	2600	5.65	30318
	130	43	233000	325000	2800	3800	2.45	T2ED 070		190	46.5	264000	315000	1700	2400	5.90	31318
	140	39	176000	240000	2200	3200	2.65	T7FC 070		190	67.5	457000	610000	1700	2400	8.40	32318
	140	52	281000	405000	2400	3400	3.70	T4FE 070	95	145	32	168000	270000	2200	3200	1.80	32019 X
	150	38	220000	260000	2400	3400	2.90	30314		145	39	220000	375000	2200	3200	2.30	33019
	150	38	187000	220000	2000	3000	2.95	31314		160	46	297000	455000	2000	3000	3.65	T2ED 095
	150	54	297000	380000	2200	3200	4.30	32314		170	34.5	216000	275000	1900	2800	3.00	30219
	150	54	281000	400000	2000	3000	4.25	32314 B		170	45.5	281000	390000	1900	2800	4.05	32219

Taper Roller Bearings Single Row



BEARINGS

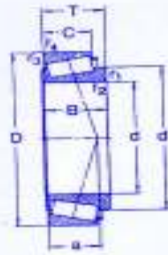
Principal dimensions			Basic Load Rating		Speed Ratings		Mass	Designation	Principal dimensions			Basic Load Rating		Speed Ratings		Mass	Designation
d	D	T	(N)		Lubrication		Kg		d	D	T	(N)		Lubrication		Kg	
			dyn.	stat.	Grease	Oil						dyn.	stat.	Grease	Oil		
	200	49.5	292000	355000	1700	2400	6.95	31319		200	41	308000	405000	1700	2400	5.10	30222
	200	71.5	501000	670000	1700	2400	11.03	2319		200	56	402000	570000	1700	2400	7.10	32222
100	145	24	125000	190000	2200	3200	1.15	T4CB 100	120	170	27	157000	250000	1800	2600	1.70	T4CB 120
	150	32	172000	280000	2000	3000	1.90	32020 X		180	38	242000	415000	1700	2400	3.25	32024 X
	150	39	224000	390000	2000	3000	2.40	33020		180	48	292000	540000	1800	2600	4.20	33024
	160	41	246000	390000	1900	2800	3.05	KJHM720249		215	43.5	341000	465000	1600	2200	6.15	30224
								KJHM720210		215	61.5	468000	695000	1600	2200	9.15	32224
	165	47	314000	480000	1900	2800	3.90	T2EE 100	130	180	32	198000	365000	1700	2400	2.40	32926
	180	37	246000	320000	1900	2800	3.65	30220		200	45	314000	540000	1600	2200	4.95	32026 X
	180	49	319000	440000	1800	2600	4.90	32220		230	43.75	369000	490000	1500	2000	7.60	30226
	180	63	429000	655000	1700	2400	6.95	33220		230	67.75	550000	830000	1500	2000	11.53	32226
	215	51.5	402000	490000	1700	2400	8.05	30320	140	190	32	205000	390000	1600	2200	2.55	32928
	215	56.5	374000	465000	1600	2200	8.60	31320 X		195	29	194000	325000	1600	2200	2.40	T4CB 140
	215	77.5	572000	780000	1600	2200	12.53	32320		210	45	330000	585000	1600	2200	5.25	32028 X
105	160	35	201000	335000	1900	2800	2.40	320201 X		250	45.75	418000	570000	1400	1900	8.65	30228
	160	43	246000	430000	1900	2800	3.05	33021		250	71.75	644000	1000000	1400	1900	14.53	32228
	190	39	270000	355000	1800	2600	4.25	30221	150	210	32	233000	390000	1500	2000	3.05	T4B 150
	190	53	358000	510000	1800	2600	6.00	32221		225	48	369000	655000	1500	2000	6.35	32030 X
	225	53.5	429000	530000	1600	2200	9.15	30321		225	59	457000	865000	1500	2000	8.15	33030
110	150	25	125000	224000	2000	3000	1.25	32922		270	49	429000	560000	1300	1800	11.03	30230
	160	27	154000	232000	1900	2800	1.60	T4CB 110		270	77	737000	1140000	2000	1700	17.53	32230
	170	38	233000	390000	1800	2600	3.05	32022X									
	170	47	281000	500000	1800	2600	3.85	33022									
	180	47	319000	520000	1800	2600	4.65	KJHM522649									
								KJHM522610									

Taper Roller Bearings Single Row, inch sizes



BEARINGS

Note :
*Load Rating
Metric in 'N'
Inch in Lbf



Note :
▲ Mass
For Metric in kg
for Inch Lb

Principal Dimensions (mm)			Basic Load rating		Speed rating Lubrication		Mass	Designations Cone / Cup
d1	D	T	dynamic C	Static Co	grease	Oil		
0.5901	1.3775	0.4330	3010	2970	11000	16000	0.11	A 4059/A 4138
14.9891	34.988	10.998	13400	13200			0.051	
0.6250	1.6250	0.5625	4950	4770	9500	14000	0.021	03062/03162
15.875	41.275	14.288	22000	21200			0.095	
	1.6875	0.5625	3960	3960	8500	12000	0.22	11590/1152
	42.863	14.288	17600	17600			0.10	
0.6875	1.5700	0.5450	4700	4680	9000	13000	0.18	LM 11749/LM 11710
17.462	39.878	13.843	21200	20800			0.018	
0.7500	1.7810	0.6100	6180	6300	8500	12000	0.26	LM 11949/LM 11910
19.050	45.237	15.494	27500	28000			0.12	
	1.9380	0.7100	8050	7980	8000	11000	0.40	09067/091195
	49.225	18.034	35800	35500			0.18	
	1.9380	0.7813	8050	7980	8000	11000	0.42	09074/09195
	49.225	19.845	35800	35500			0.19	
	1.9380	0.7813	8050	7980	8000	11000	0.42	09078/09195
	49.225	19.845	35800	35500			0.19	
	1.9380	0.8350	8050	7980	8000	11000	0.44	09067/09196
	49.114	21.209	35800	35500			0.20	
	1.9380	0.9063	8050	7980	8000	11000	0.46	09074/09196
	49.225	23.020	35800	35500			0.21	
	1.9380	0.9063	8050	7980	8000	11000	0.46	09078/09196
	49.225	23.020	35800	35500			0.21	
	2.1250	0.8750	8900	8770	7500	10000	0.55	21075/21212
	53.975	22.225	39600	39000			0.25	
0.8120	1.9380	0.7813	8050	7980	8000	11000	0.40	09081/09195
20.625	49.225	19.845	35800	35500			0.18	
	1.9380	0.9063	8050	7980	8000	11000	0.44	09081/09196
	49.225	23.020	35800	35500			0.20	
0.8437	1.9687	0.6900	8300	8540	8000	11000	0.37	M 12649/M 12610
21.430	50.005	17.526	36900	38000			0.17	
0.8656	1.7810	0.6100	6180	6970	8000	11000	0.26	LM 12749/LM 12710
21.9861)	45.237	15.494	27500	31000			0.12	
	1.8100	0.6100	6180	6970	8000	11000	0.26	LM 12749/ LM 12711
	45.974	15.494	27500	31000			0.12	
0.8750	2.0000	0.5910	5350	5620	7500	10000	0.33	07087 X/07210 X
22.225	50.800	15.011	23800	25000			0.15	
	2.0625	0.7625	9400	9890	7500	10000	0.44	1380/1328
	52.388	19.368	41800	44000			0.20	
1.0000	1.9800	0.5600	5850	6740	7500	10000	0.29	L 44643/L 44610
25.400	50.292	14.224	26000	30000			0.13	
	2.0000	0.5910	5350	5620	7500	10000	0.29	07100 S/07210 X

Principal Dimensions (mm)		Basic Load rating			Speed rating Lubrication		Designations Cone / Cup	
d1	D	T	dynamic	Static	grease	Oil	Mass	
			C	Co				
	50.800	15.011	26000	25000			0.13	
	2.0000	0.5910	5350	5620	7500	10000	0.29	07100 SA/ 07210 X
	50.800	15.011	23800	25000			0.13	
	2.2500	0.7650	8900	10100	6700	9000	0.53	M 84548/M 84510
	57.150	19.431	36600	45000			0.24	
	2.4409	0.7500	9400	10700	6000	8000	0.68	15101/15245
	61.999	19.050	41800	47500			0.31	
	2.5000	0.8125	9400	10700	6000	8000	0.75	15101/1520 X
	63.500	20.638	41800	47500			0.34	
1.0625	1.9800	0.5600	5850	6740	7500	10000	0.24	L 44649/L 44610
26.988	5.0292	14.224	26000	30000			0.11	
1.1250	2.2500	0.7813	10600	12400	6700	9000	0.49	1988/1922
28.575	57.100	19.845	47300	55000			0.22	
	2.4409	0.7500	10900	10700	6000	8000	0.62	15112/15245
	61.999	19.050	48400	47500			0.28	
	2.2500	0.8125	9400	10700	6000	8000	0.68	15112/15250 X
	63.500	20.638	41800	47500			0.31	
	2.5312	0.8438	11100	13700	6000	8000	0.77	M 86647/M 8610
	64.292	21.433	49500	61000			0.35	
	2.9875	0.8750	13100	15600	5600	7500	0.93	02474/02420
	68.263	22.225	58300	69500			0.42	
1.1417	1.9800	0.5600	5850	7310	7000	9500	0.24	331274
29.000	50.292	14.224	26000	32500			0.11	
1.1811	2.7170	0.7813	10300	12100	5600	7500	0.82	14118/14276
30.000	69.012	19.345	45700	54000			0.37	
	2.8380	0.8813	10300	12100	5600	7500	0.99	1418/14283
	72.085	22.385	45700	54000			0.45	
1.1875	2.5312	0.8438	11100	13700	6000	8000	0.37	M 86649/M 86610
30.162	64.292	21.433	49500	61000			0.33	
	2.6875	0.8750	12400	15600	5600	7500	0.90	M 88403/ M 88010
	68.263	22.225	55000	69500			0.41	
	2.6875	0.8750	12400	15600	5600	7500	0.90	M 88043/ M 88011
	68.263	22.225	55000	69500			0.41	
1.1895	2.4409	0.7500	9400	10700	6000	8000	0.57	15118/15245
30.213	61.999	19.050	41800	47500			0.26	
	2.5000	0.8125	9400	10700	6000	8000	0.64	18118/15250 X
	63.500	20.638	41800	47500			0.29	
1.2500	2.3280	0.6250	7500	8990	6300	8500	0.40	LM 67048/LM 67010
31.750	59.131	15.875	33600	40000			0.18	
	2.4409	0.7150	9400	10700	6000	8000	0.53	15123/15245
	61.999	18.161	41800	47500			0.24	
	2.5000	0.7775	9400	10700	6000	8000	0.60	15123/15250 X
	63.500	19.749	41800	47500			0.27	
	2.6150	1.0000	15600	18300	5600	7500	0.88	2580/2520
	66.421	25.400	69300	81500			0.40	
	2.6875	0.8750	12400	15600	5600	7500	0.88	M 88046/M 88010
	68.263	22.225	55000	69500			0.40	
	2.6875	0.8750	12400	15600	5600	7500	0.86	M 88046/M 88011
	68.263	22.225	55000	69500			0.39	
	2.8750	1.1563	15800	21400	5000	6700	1.35	HM 88542/HM 88510
	73.025	29.370	70400	95000			0.62	
	3.1250	1.0000	15100	16000	5000	6700	1.30	43125/43312
	79.375	25.400	67100	71000			0.60	
1.3125	2.6875	0.8750	12400	15600	5600	7500	0.84	M 88048// M 88010
33.338	68.263	22.225	55000	69500			0.38	
	2.6875	0.8750	12400	15600	5600	7500	0.84	M 88048/M 88011
	68.263	22.225	55000	69500			0.38	
	2.7170	0.7813	10300	12100	5600	7500	0.77	14130/14274
	69.012	19.845	45700	54000			0.35	
	2.7170	0.7813	10300	12100	5600	7500	0.77	14130/14276
	69.012	19.845	45700	54000			0.35	
1.3125	2.8380	0.8813	10300	12100	5600	7500	0.93	14130/14283

Note: *Load Rating Metric in 'N' Inch in Lbf

Note: Mass For Metric in kg for inch lb

Principal Dimensions (mm)			Basic Load rating		Speed rating Lubrication			Designations Cone / Cup
d1	D	T	dynamic	Static	grease	Oil	Mass	
			C	Co				
33.338	72.085	22.385	45700	54000			0.42	
(cont.)	3.0000	1.1563	17600	23800	4800	6300	1	HM 89443/HM 89410
	76.200	29.370	78100	100000			0.68	
	3.1250	1.0000	15100	16000	5000	6700	1.30	43131/43312
	79.375	25.400	67100	71000			0.58	
1.3750	2.5625	0.7100	10300	12400	5600	7500	0.55	LM 48548/LM 48510
34.925	65.088	18.034	45700	55000			0.25	
	2.7170	0.7813	10700	12100	5600	7500	0.75	14137 A/14276
	69.102	19.845	45700	54000			0.34	
	2.7170	0.7813	10300	12100	5600	7500	0.73	14138A/14276
	69.012	19.845	45700	54000			0.33	
	2.7170	1.0623	10300	12100	5600	7500	0.73	14136A/14276
	69.012	26.982	45700	54000			0.33	
	2.7170	9.7813	10300	12100	5600	7500	0.75	14137A/14276
	69.012	248.445	45700	54000			0.34	
	2.7170	0.7813	10300	12100	5600	7500	0.73	14138A/14274
	69.012	19.845	45700	54000			0.33	
	2.7170	1.0623	10300	12100	5600	7500	0.73	14136A/14274
	69.012	26.982	45700	54000			0.33	
	2.8380	0.8813	10300	12100	5600	7500	0.90	14137A/14283
	72.085	22.385	45700	54000			0.41	
	2.8380	0.8813	10300	12100	5600	7500	0.9	14138A/14283
	72.085	22.385	45700	54000			0.41	
	2.8380	1.1623	10300	12100	5600	7500	0.9	14136A/14283
	72.085	29.522	45700	54000			0.41	
	2.8438	1.0000	15100	20200	5000	6700	1.1	HM 88649/HM 88610
	72.233	25.400	67100	90000			0.50	
	2.8750	0.9375	15600	18700	5300	7000	1.05	25877/25821
	73.025	23.813	69300	83000			0.47	
	2.8750	0.9375	15600	18700	5300	7000	1.05	25877/25820
	73.025	23.813	69300	83000			0.47	
	2.8750	1.0625	16600	19800	5300	7000	1.15	23690/23620
	73.025	26.988	76500	93000			0.52	
	3.0000	0.8125	12600	14400	5000	6700	0.97	28137/28300
	76.200	20.638	56100	64000			0.44	
	3.0000	1.1563	17600	23800	4800	6300	1.45	HM 89446/HM 89410
	76.200	29.370	78100	106000			0.66	
	3.0000	1.1563	19300	23800	5000	6700	1.40	31593/31520
	76.200	29.370	85800	106000			0.63	
	3.0000	1.1563	19300	23800	5000	6700	1.40	31594/31520
	76.200	29.370	85800	106000			0.63	
	3.1250	1.1563	20500	14700	5000	6700	1.60	3478/3420
	79.375	29.370	91300	110000			0.72	
	3.1510	0.8438	12600	14400	5000	6700	1.1	28137/28317
	80.035	21.433	56100	64000			0.50	
	3.4375	1.1875	22900	29700	4500	6000	2.05	3581/1325
	87.313	30.163	102000	132000			0.94	
1.3775	2.3280	0.6250	7420	9670	6000	8000	0.37	L 68149/L 68110
34.9881)	59.131	15.875	3300	43000			0.17	
	2.3612	0.6250	7420	9670	6000	8000	0.37	L 68149/L 68111
	59.974	15.875	33000	43000			0.17	
1.4365	2.8750	0.9375	15600	18700	5300	7000	1.00	20.5880/25821
	73.025	23.813	69300	83000			0.46	
	2.8750	0.8375	15600	18700	5300	7000	0.99	25880/25820
	73.025	23.813	69300	83000			0.45	
1.4365	2.8750	0.9375	14500	17500	5000	6700	1.1	2794/2735 x
36.487	73.025	23.813	64400	78000			0.5	
(cont.)	3.0000	0.9375	14500	17500	5000	6700	1.1	2794/2720
	76.200	23.813	64400	78000			0.50	
1.4375	3.0000	1.1563	17600	23800	4800	6300	1.40	HM 89448/HM 89410
36.512	76.200	29.370	78100	106000			0.64	
	3.0000	1.1563	17600	23800	4800	6300	1.40	HM 89449/HM 89410

Note:*Load Rating Metric in 'N' Inch in Lbf

Note:Mass For Metric in kg for inch lb

Principal Dimensions (mm)		Basic Load rating			Speed rating Lubrication		Designations Cone / Cup	
d1	D	T	dynamic C	Static Co	grease	Oil	Mass	
	76.200	29.370	18100	106000			0.64	
	3.0000	1.1563	19300	23800	5000	6700	1.40	31597/31520
	76.200	29.370	85800	106000			0.63	
1.5000	2.5625	0.7100	9290	11900	5600	7500	0.53	LM 297491M 29710
38.100	65.088	18.034	41300	53000			0.24	
	2.5625	0.7800	9290	11900	5600	7500	0.55	LM 29749/LM 59711
	65.088	19.812	41300	53000			0.25	
	2.8346	0.6700	9640	11500	5300	7000	0.66	19150/19283 X
	71.999	17.018	42900	51000			0.30	
	2.8346	0.7480	11100	13500	5300	7000	0.73	19150/16282
	71.799	18.999	49500	60000			0.33	
	2.8440	0.8125	11100	13500	5300	7000	0.79	16150116284
	72.238	20.638	49500	60000			0.36	
	2.8440	0.9375	11100	13500	5300	7000	0.86	16150/16283
	72.238	23.813	49500	60000			0.39	
	2.8750	0.9375	14500	17500	5000	6700	1.15	2788/2735 X
	73.025	23.813	64400	78000			0.52	
	3.0000	0.8125	12600	14400	5000	6700	0.90	28150/28300
	76.200	20.638	56100	64000			0.41	
	3.0000	0.9375	14500	17500	5000	6700	1.1	2788/2729
	76.200	23.813	64400	78000			0.50	
	3.0000	0.9375	14500	17500	5000	6700	1.1	2788/2720
	76.200	23.813	64400	78000			0.50	
	3.1250	1.1563	20500	14700	5000	6700	1.5	3490/3420
	79.375	29.370	91300	110000			0.67	
	3.1510	0.8438	12600	14400	5000	6700	1.05	28150/28317
	80.035	21.433	56100	64000			0.47	
	3.2500	1.1563	19300	26500	4500	6000	1.70	HM 801346/HM 801310
	82.550	29.370	85800	118000			0.78	
	3.2500	1.1563	19300	26500	4500	6000	1.70	HM 801346 X/HM 801310
	82.550	29.370	85800	118000			0.77	
	3.4843	1.0625	22700	25600	4800	6300	1.85	418/414
	88.501	26.988	101000	114000			0.83	
1.5625	2.8750	0.9375	14500	17500	5000	6700	0.95	2789/2735 X
39.688	73.025	23.813	64600	78000			0.43	
	2.8750	1.0100	14800	19500	5000	6700	0.99	M 201047/M 201011
	73.025	25.6546	66000	86500			0.45	
	3.0000	0.9375	14500	17500	5000	6700	1.05	2789/2729
	76.200	23.813	64400	78000			0.48	
	3.0000	0.9375	14500	17500	5000	6700	1.05	2789/2720
	76.200	23.813	64400	78000			0.48	
1.6137	2.6762	0.6890	9890	13200	5300	7000	0.53	LM 300849/LM 300811
40.9881)	67.975	17.501	44000	58500			0.24	
1.6250	2.8750	0.6562	9640	11500	5000	6700	0.62	18590/18520
41.275	73.025	16.667	42900	51000			0.28	
	2.8910	0.7700	11900	14700	4800	6300	0.73	LM 501349/LM 501310
	73.431	19.558	52800	65500			0.33	
	2.8910	0.8437	11800	14700	4800	6300	0.77	LM 501349/LM 501314
	73.431	21.430	52800	65500			0.35	
1.6250	2.8910	0.9060	11900	14700	4800	6300	0.82	LM 501349/LM 501311
41.275	73.431	23.012	52800	65500			0.37	
(cont.)	3.0000	0.7090	10300	12600	5000	6700	0.75	11662/11300
	76.200	18.009	45700	56000			0.34	
	3.0000	0.8750	13600	16500	5000	6700	0.95	24780/24720
	76.200	22.225	60500	73500			0.43	
	3.2500	1.0450	16600	21400	4500	6000	1.35	M 802048/M 802011
	82.550	26.543	73700	95000			0.62	
	3.4375	1.1875	22900	29700	4500	6000	1.85	3585/3525
	87.313	30.163	102000	132000			0.85	
	3.4375	1.1875	22900	29700	4500	6000	1.85	3577/3525
	87.313	30.163	102000	132000			0.85	
	3.4843	1.0625	22700	25600	4800	6300	1.80	419/414

Note: *Load Rating Metric in 'N' Inch in Lbf

Note: Mass For Metric in kg for inch lb

Principal Dimensions (mm)			Basic Load rating		Speed rating Lubrication		Designations Cone / Cup	
d1	D	T	dynamic	Static	grease	Oil	Mass	
			C	Co				
	88.501	26.988	101000	114000			0.81	
	3.5000	1.1875	21400	28600	4300	5600	2.00	HM 803146/HM 803110
	88.900	30.163	95200	127000			0.90	
	3.7500	1.2188	19800	21700	3800	5000	2.15	53162/53375
	95.250	30.958	88000	96500			0.98	
	3.7500	1.2188	19800	21700	3800	5000	2.15	53162/53370
	95.250	30.958	88000	96500			0.98	
	3.8750	1.2188	19800	21700	3800	5000	2.35	53162/53387 X
	98.425	30.958	88000	96500			1.07	
	4.0000	1.3750	34000	42700	3800	5000	3.20	526/522
	101.600	34.925	151000	190000			1.45	
1.6875	3.4375	1.1875	22900	29700	4500	6000	1.75	3579/3525
42.862	87.313	30.163	102000	132000			0.80	
1.6880	3.2650	0.9375	16800	21400	4500	6000	1.25	25577/25520
42.875	82.931	23.813	74800	95000			0.57	
	3.2650	1.0625	16800	21400	4500	6000	1.35	25577/25523
	82.931	26.988	74800	95000			0.61	
	3.2700	0.9400	16700	21400	4500	6000	1.25	25577/25522
	83.058	23.876	74800	95000			0.57	
1.7500	2.8750	0.7188	10900	15100	5000	6700	0.64	L 102849/L 102810
44.450	73.025	18.258	48400	67000			0.29	
	3.2650	0.9375	16800	21400	4500	6000	1.25	25580125520
	82.931	23.813	74800	95000			0.57	
	3.2650	1.0625	16800	21400	4500	6000	1.35	25580/25523
	82.931	26.988	74800	95000			0.61	
	3.2700	0.9400	16800	21400	4500	6000	1.25	25580/25522
	83.058	23.876	74800	95000			0.57	
	3.4375	1.1875	22900	29700	4500	6000	1.75	3578/3525
	87.313	30.163	102000	132000			0.80	
	3.5000	1.1875	21400	28600	4300	5600	1.85	HM 80149/HM 803110
	88.900	30.163	95200	127000			0.85	
	3.5480	0.9055	15800	18300	4500	6000	1.45	355 X/352
	90.119	23.000	70400	81500			0.66	
	3.6718	1.1875	22700	29700	4000	5300	2.10	3582/3720
	93.264	30.165	101000	132000			0.96	
	3.7500	1.0938	23600	28100	4300	5600	2.05	438/432
	95.250	27.783	105000	125000			0.93	
	3.7500	1.0938	23600	30800	4000	5300	2.20	33885/33822
	95.250	27.783	105000	137000			0.99	
	3.7500	1.2188	19800	21700	3800	5000	2.05	53176/53375
	95.250	30.958	88000	96500			0.94	
1.7500	3.7500	1.2188	19800	21700	3800	5000	2.05	53176/53377
44.450	95.250	30.958	88000	96500			0.93	
(cont.)	3.7500	1.2188	19800	21700	3800	5000	2.05	53178/53375
	95.250	30.958	88000	96500			0.94	
	3.7500	1.2188	19800	21700	3800	5000	2.05	53178/53377
	95.250	30.958	88000	96500			0.93	
	3.7500	1.2188	19800	21700	3800	5000	2.05	53177/53375
	95.250	30.958	88000	96500			0.94	
	3.7500	1.2188	22900	26500	3600	4800	2.20	HM 903249/HM 903210
	95.250	30.958	102000	118000			1.00	
	3.8750	1.2188	19800	21700	3800	5000	2.20	53176/53387 X
	98.425	30.958	88000	96500			1.00	
	4.0000	1.3750	34000	42700	3800	5000	3.00	527/522
	101.600	34.925	151000	190000			1.35	
	4.25000	1.4375	34000	42700	3600	4800	3.85	535/532 X
	107.950	36.513	151000	190000			1.75	
	4.3754	1.1875	23800	29700	3200	4300	3.20	55175 C 55437
	111.135	30.162	106000	132000			1.45	
	4.3750	1.5000	34000	42700	3600	4800	4.20	5353532 A
	111.125	38.100	151000	190000			1.90	
	4.7500	1.6250	38700	47700	3200	4300	5.40	615/612

Note: *Load Rating Metric in 'N' Inch in Lbf

Note: Mass For Metric in kg for inch lb

Principal Dimensions (mm)				Basic Load rating		Speed rating Lubrication		Designations Cone / Cup	
				dynamic	Static				
d1	D	T	C	Co	grease	Oil	Mass		
	120.650	41.275	172000	212000			2.45		
1.7710	3.6718	1.1875	22700	29700	4000	5300	2.20	3776/3720	
44.983	93.264	30.163	101000	132000			1.00		
1.7712	3.3465	0.8125	15800	18300	4500	6000	1.10	358 X/354 X	
44.988	85.001	20.638	70400	81500			0.50		
	4.1333	1.2800	24700	32800	3200	4300	3.10	HM 905843/HM 905810	
	104.986	32.512	110000	146000			1.40		
1.7812	3.0625	0.7812	12100	15600	4800	6300	0.82	LM 603049/LM 603011	
45.242	77.788	19.842	53900	69500			0.37		
1.7960	3.2650	0.9375	16800	21400	4500	6000	1.20	25590/25520	
45.618	82.931	23.813	74800	95000			0.55		
	3.2650	1.0625	16800	21400	4500	6000	1.30	25590/25523	
	82.931	26.988	74800	95000			0.59		
	3.2700	0.9400	16800	21400	4500	6000	1	25590/25522	
	83.058	23.876	74800	95000			0.55		
1.8105	2.9518	0.7087	11300	16000	4800	6300	0.68	LM 503349/LM 503310	
45.9871)	74.976	18.001	50100	71000			0.31		
	3.5817	1.2598	27200	35100	4300	5600	2.05	HM 204049/HM 204010	
	90.975	31.999	121000	156000			0.94		
1.8125	3.1250	0.6875	11100	13900	4800	6300	0.73	18690/18620	
46.038	79.375	17.463	49500	62000			0.33		
	3.3465	0.8125	15800	18300	4500	6000	1.10	359 S/354 X	
	85.001	20.638	70400	81500			0.49		
1.8750	3.8125	0.8268	16800	20900	3800	5000	1.60	386 A/382 A	
47.625	96.838	21.001	74800	93000			0.73		
	4.0000	1.3750	34000	42700	3800	5000	3.00	526/522	
	101.600	34.925	151000	190000			1.35		
	4.0000	1.3750	34000	42700	3800	5000	2.85	528 R/522	
	101.600	34.925	151000	190000			1.30		
	4.3750	1.8750	23800	29700	3200	4300	3.00	55187C/55437	
	111.125	47.625	106000	132000			1.35		
1.8750	4.4375	1.1875	23800	29700	3200	4300	3.10	55187055443	
47.625	112.713	30.163	106000	132000			1.40		
(cont.)	4.8750	1.4375	33100	40500	2800	3800	4.95	721880/72487	
	123.825	36.512	147000	180000			2.25		
1.9375	4.0625	1.7188	39600	54000	3800	5000	3.85	5395/5335	
49.212	103.188	43.658	176000	240000			1.75		
	4.1250	1.4375	32600	45900	3400	4500	3.40	HM 807044/HM 807010	
	104.775	36.513	145000	204000			1.55		
2.0000	3.3465	0.6875	11300	14700	4300	5600	0.82	18790/18720	
50.800	85.001	17.463	50100	65500			0.37		
	3.5000	0.8125	17200	20600	4300	5600	1.10	368 A/362 A	
	88.900	20.638	76500	91500			0.50		
	3.5433	0.9843	17200	20600	4300	5600	1.30	368 A/362 X	
	90.000	25.001	76500	91500			0.58		
	3.6250	0.9688	19300	26500	4000	5300	1.60	28580/28521	
	92.075	24.608	85800	118000			0.72		
	3.6718	1.1875	22700	29700	4000	5300	90	3780/3720	
	93.264	30.163	101000	132000			0.87		
	3.7500	1.0938	23600	20800	4000	5300	1.95	33889/33822	
	95.250	27.783	105000	137000			0.88		
	3.8437	0.9688	20200	29000	3800	5000	1.85	28678/28622	
	97.630	24.608	89700	129000			0.85		
	4.0000	1.3750	34000	42700	3800	5000	2.75	529 X1522	
	101.600	34.925	151000	190000			1.25		
	4.1250	1.1875	29200	38900	3600	4800	2.65	45284/45220	
	104.775	30.163	130000	173000			1.20		
	4.1250	1.4375	32600	45900	3400	4500	3.30	HM 807046/HM 807010	
	104.775	36.513	145000	204000			1.50		
	4.1250	1.5625	35300	50400	3600	4800	3.65	4580/4535	
	104.775	39.688	157000	224000			65		
	4.2500	1.4375	34000	42700	3600	4800	3.40	537/532 X	

Note: *Load Rating Metric in 'N' Inch in Lbf

Note: Mass For Metric in kg for inch lb

Principal Dimensions (mm)			Basic Load rating		Speed rating Lubrication		Designations Cone / Cup
			dynamic	Static	grease	Oil	
d1	D	T	C	Co			Mass
	107.950	36.513	151000	190000			1.55
	4.3750	1.1875	23600	31500	3000	4000	3.00
	111.125	30.163	105000	140000			1.35
	4.3750	1.1875	23800	29700	3200	4300	2.85
	111.125	30.163	106000	132000			1.3
	4.3750	1.5000	34000	42700	3600	4800	3.85
	111.125	38.100	151000	190000			1.75
	4.4375	1.1875	23800	29700	3200	4300	3.00
	112.713	30.163	106000	132000			1.35
	4.6250	1.3125	28800	33700	3200	4300	3.65
	117.475	33.338	128000	150000			1.65
	4.8750	1.4375	33100	40500	2800	3800	4.85
	123.825	36.512	147000	180000			2.20
2.1250	3.5000	0.7500	13100	17500	4000	5300	0.97
53.975	88.900	19.050	58300	78000			0.44
	3.7500	1.0938	23600	30800	4000	5300	1.80
	95.250	27.783	105000	137000			0.82
	4.1250	1.4375	32600	45900	3400	4500	3.10
	104.775	36.513	145000	204000			1.40
	4.2500	1.4375	34000	42700	3600	4800	3.30
	107.950	36.513	151000	190000			1.5
	4.3750	1.500	34000	42700	3600	4800	3.75
	111.125	38.100	151000	190000			1.7
	4.7500	1.6250	38700	47700	3200	4300	4.85
	120.650	41.275	172000	212000			2.20
2.1250	4.8750	1.4375	33100	40500	2800	3800	4.65
53.975	123.825	36.512	147000	180000			2.10
(cont)	5.0000	1.7500	47000	618000	3000	4000	6.15
	127.000	44.450	209000	275000			2.80
2.1875	3.8437	0.9688	20200	29000	3800	5000	1
55.562	97.630	24.608	89700	129000			0.76
	4.8125	1.7188	43600	64100	3000	4000	5.85
	122.238	43.658	194000	285000			2.65
	4.8750	1.4375	33100	40500	2800	3800	4.65
	123.825	36.512	147000	180000			2.10
2.2500	3.8125	0.8268	16800	20900	3800	5000	1.30
57.150	96.838	21.001	74800	93000			0.59
	3.8125	0.8268	16800	20900	3800	5000	1.30
	96.838	21.001	24800	93000			0.59
	3.8125	08168	16800	20900	3800	5000	1.3
	96.838	21.001	74800	93000			0.58
	3.8125	1.0000	16800	20900	3800	5000	1.30
	96.838	25.400	74800	93000			0.59
	3.8125	1.000	16800	20900	3800	5000	1.30
	96.838	25.400	74800	93000			0.59
	3.8125	1.0000	16800	20900	3800	5000	1.30
	96.838	25.400	74800	93000			0.58
	3.8437	0.9677	20200	29000	3800	5000	1.55
	97.630	24.608	89700	129000			0.70
	3.8750	0.8268	16800	20900	3800	5000	1.40
	98.425	21.001	74800	93000			0.64
	3.8750	0.8268	16800	20900	3800	5000	1.40
	98.425	21.001	74800	93000			0.64
	3.8750	0.8268	16800	16400	3800	5000	1.40
	98.425	21.001	74800	73000			0.63
	3.9370	0.8168	16800	20900	3800	5000	1.40
	100.000	21.001	74800	93000			0.64
	3.9370	0.8168	16800	20900	3800	5000	1.40
	100.000	21.001	74800	93000			0.64
	3.9370	0.8268	16800	20900	3800	5000	1.40
	100.000	21.001	74800	93000			0.63
	4.1250	1.1875	25200	32200	3600	4800	2.30

Note: *Load Rating Metric in 'N' Inch in Lbf

Note: Mass For Metric in kg for inch lb

Principal Dimensions (mm)		Basic Load rating			Speed rating Lubrication		Designations Cone / Cup	
d1	D	T	C	dynamic	Static	grease	Oil	Mass
	104.775	30.163	112000		143000			1.05
	4.2500	1.0938	25200		32200	3600	4800	2.30
	107.950	27.783	112000		143000			1.05
	4.4375	1.1875	31000		44100	3200	4300	3.10
	112.713	30.163	138000		196000			1.40
	4.4375	1.1875	31000		44100	3200	4300	3.20
	112.713	30.163	138000		196000			1.45
	4.7238	1.2894	31000		44100	3200	4300	3.85
	119.985	32.751	138000		196000			1.75
	4.7500	1.6250	38700		47700	3200	4300	4.65
	120.650	41.175	172000		212000			2.10
	5.0000	1.7500	47700		61800	3000	4000	6.15
	127.000	44.450	209000		275000			2.80
2.2650	3.8125	0.8268	16800		20900	3800	5000	1.35
57.531	96.838	21.001	74800		93000			0.61
	3.8125	1.0000	16800		20900	3800	5000	1.50
	96.838	25.400	74800		93000			0.68
2.2650	3.8750	0.8628	16800		20900	3800	5000	1.35
57.531	98.425	2.1915	74800		93000			0.61
(cont.)	3.9370	0.8268	16800		20900	3800	5000	1.5
	100.000	21.001	74800		93000			0.69
2.3750	3.9370	1.0000	19300		28100	3600	4800	1.70
60.325	100.000	25.400	85800		125000			0.77
	4.0000	1.0000	19300		28100	3600	4800	1.80
	101.600	25.400	85800		125000			0.81
	5.0000	1.4375	37100		53100	2800	3800	4.85
	127.000	36.513	165000		236000			2.20
	5.0000	1.7500	47000		61800	3000	4000	5.75
	127.000	44.450	209000		275000			2.60
	5.1250	1.4375	34000		40500	2600	3600	4.65
	130.175	36.513	151000		180000			2.10
2.4375	5.3750	1.8125	49500		79800	2400	3400	7.60
61.912	136.525	46.038	220000		355000			3.45
	5.7500	1.6250	44500		53100	2200	3200	7.05
	146.050	41.275	198000		236000			3.20
	5.7500	1.6250	44500		53100	2200	4500	7.05
	146.050	41.275	198000		236000			3.20
2.5000	4.1250	0.8438	19300		25200	3400	4300	1.5
63.500	104.775	21.433	85800		112000			0.67
	4.3307	0.8661	18600		24700	3200	4300	1.85
	110.000	21.999	82500		110000			0.84
	4.2500	1.0000	20200		30800	3200	4300	2.00
	107.950	25.400	89700		137000			0.90
	4.3307	0.8661	19800		26500	3200	4300	0.37
	110.000	22.000	88000		118000			0.82
	4.4375	1.1875	31000		44100	3200	4300	2.75
	112.713	30.163	138000		196000			1.25
	4.4375	1.1875	25600		37300	3200	4000	2.75
	112.713	30.163	114000		166000			1.25
	4.8125	1.5000	43600		57300	3000	4000	4.20
	122.238	38.100	194000		255000			1.90
	4.8750	1.5000	35300		48600	3000	3800	4.40
	123.825	38.100	157000		216000			2.00
2.5625	5.3477	2.2150	58500		79800	2800	4000	8.15
65.088	135.832	56.261	260000		355000			3.70
2.5979	4.8809	1.6339	50400		69700	3000	4300	4.85
65.987	123.975	41.501	224000		310000			2.20
2.6250	4.3307	0.8661	18600		24700	3200	4300	1.75
66.675	110.000	21.999	82500		110000			0.79
	4.3307	0.8661	18600		14700	3200	4300	1.75
	110.000	21.999	82500		110000			0.79
	4.3307	1.0000	20200		30800	3200	4300	2.05

Principal Dimensions (mm)		Basic Load rating			Speed rating Lubrication			Designations Cone / Cup
d1	D	T	dynamic C	Static Co	grease	Oil	Mass	
	110.000	25.400	89700	137000			0.93	
	4.4375	1.1875	25600	37300	3200	4300	2.55	3984/3920
	112.713	30.163	114000	166000			1.15	
	4.4375	1.1875	25600	37300	3200	4300	2.65	3984/3925
	112.713	30.163	114000	166000			1.2	
	4.4375	1.1875	31000	44100	3200	4300	2.65	39590/39520
	112.713	30.163	138000	196000			1.20	
	4.6250	1.1875	25600	38900	3000	4000	3.00	33262/33462
	117.475	30.163	114000	173000			1.35	
2.6250	4.7244	1.1730	25600	38900	3000	4000	3.20	33262/33472
66.675	120.00	29.794	114000	173000			1.45	
(cont.)	4.8125	1.5000	43600	57300	3000	4000	4.10	HM 212049/HM 212010
	122.238	38.100	194000	255000			1.85	
	4.8125	1.5000	43600	57300	3000	4000	4.10	HM 212049/HM 212011
	122.238	38.100	194000	255000			1.85	
	4.8750	1.5000	35300	59600	3000	4000	4.30	560/552 A
	123.825	38.100	157000	216000			1.95	
	5.3447	2.2150	58500	79800	2800	3800	8.05	6386/6320
	135.755	53.975	260000	355000			3.65	
	5.5370	1.6250	43600	58500	2800	3800	5.05	641/632
	140.640	41.275	194000	260000			2.75	
2.6875	4.3307	0.8661	18600	24700	3200	4300	1.7	399 A/394 A
68.262	110.000	21.999	82500	110000			0.76	
	5.3750	1.8125	49500	79800	2400	3400	7.50	H 715343/H 715311
	136.525	46.038	220000	355000			3.40	
	6.3750	1.9375	58500	75300	1900	2800	11.0	9278/K 9220
	161.925	49.213	260000	335000			5.00	
2.7500	3.9062	0.6993	10500	17200	3400	4500	0.86	LL 713149/LL713110
69.850	99.217	17.762	46800	76500			0.39	
	4.4375	1.0000	21000	32800	3000	4000	2.15	29675/29620
	112.713	25.400	93500	146000			0.97	
	4.6250	1.1875	25600	38800	3000	4000	2.85	33275/33462
	117.475	30.163	114000	173000			1.30	
	4.7244	1.1730	25600	38800	3000	4000	3.10	33275/33472
	120.000	29.794	114000	173000			1.40	
	4.7244	1.1730	29700	41800	3000	4000	3.00	482/472
	120.000	29.794	132000	186000			1.35	
	4.7244	1.2813	34000	51300	3000	4000	3.30	47487/47420
	120.000	32.545	154000	228000			1.50	
	4.8750	1.1875	29700	41800	3000	4000	3.00	482/472 X
	123.825	30.163	132000	186000			1.35	
	5.0000	1.4375	34000	45900	2800	3800	4.10	566/563
	127.000	36.513	151000	204000			1.85	
	5.3750	1.6250	43600	58500	2800	3800	5.75	643/632
	136.525	41.275	194000	260000			2.60	
	5.7500	1.6250	49500	71900	2200	3200	7.15	655/653
	146.050	41.275	220000	320000			3.25	
2.7559	4.7244	1.1730	29700	41800	3000	4000	2.85	484/472
70.000	120.000	29.794	132000	186000			1.30	
2.8125	4.6250	1.1875	25600	38900	3000	4000	2.75	33281/33462
71.438	117.475	30.163	114000	173000			1.25	
	4.7244	1.1730	25600	38900	3000	4000	3.00	33281/33472
	120.000	29.794	114000	173000			1.35	
	4.7244	1.2813	34600	51300	3000	4000	3.20	47490/47420
	120.000	32.545	154000	228000			1.45	
	5.0000	1.4375	37100	53100	2800	3800	4.20	HM 813849/HM 813811
	127.000	36.513	165000	236000			1	
	5.3750	1.6250	43600	58500	2800	3800	5.60	645/632
	136.525	41.275	194000	260000			2.55	
	5.3750	1.6250	40400	65200	2600	3600	5.75	H 414249/H 414210
	136.525	41.275	224000	290000			2.60	
	5.3750	1.8125	49500	79800	2400	3400	6.95	H 715345/H 715311

Principal Dimensions (mm)			Basic Load rating		Speed rating Lubrication		Designations Cone / Cup	
d1	D	T	dynamic C	Static Co	grease	Oil	Mass	
	136.525	46.038	220000	355000			3.15	
2.8750	4.4375	1.0000	21000	32800	3000	4000	1.95	29685/29620
73.025	112.713	25.400	93500	146000			0.89	
	4.6250	1.1875	25600	38900	3000	4000	2.65	33287/33462
	117.475	30.163	114000	173000			1.2	
	4.7244	1.1730	25600	38900	3000	4000	2.65	33287/33472
	120.000	29.794	114000	173000			1.3	
	4.7500	1.0000	22300	35100	3000	4000	1.96	29685/29630
	120.650	25.400	99000	156000			0.89	
	5.0000	1.4376	34000	45900	2800	3800	4.10	567/563
	127.000	36.513	151000	204000			1.85	
	5.0000	1.4735	34000	45800	2800	3800	4.10	567/563
	127.000	37.427	151000	204000			1.85	
3.0000	4.3125	0.7500	13100	22900	3000	4000	1.25	L 8147491E 814710
76.200	109.538	19.050	58300	102000			0.57	
	5.0000	1.1875	31000	45900	2800	3800	3.20	42687/42620
	127.000	30.163	138000	204000			1.45	
	5.0000	1.1875	31000	45900	2800	3800	3.20	42688/42620
	127.000	30.163	138000	204000			1.45	
	5.2500	1.1875	28800	42700	2400	3400	3.85	495 AX/492 A
	133.350	30.163	128000	190000			1.75	
	5.2500	1.1875	28800	42700	2400	3400	3.85	495 A/492 A
	133.350	30.163	128000	190000			1.75	
	5.2500	1.3125	34000	51300	2400	3400	4.20	47678/47620
	133.350	33.338	151000	228000			1.90	
	5.3438	1.7500	45000	79800	2400	3400	5.95	5760/5735
	135.733	44.450	200000	355000			2.70	
	5.3750	1.1875	28800	42700	2400	3400	4.10	495 A/493
	136.525	30.163	128000	190000			1.85	
	5.3750	1.1875	28800	42700	2400	3400	4.10	495 ax/493
	136.525	30.163	128000	190000			1.85	
	5.5000	1.4735	38700	57300	2400	3400	5.30	575/572 x
	139.700	37.425	172000	255000			2.40	
	5.5115	1.4375	38700	57300	2400	3400	5.40	575/572
	139.992	36.513	172000	255000			2.45	
	5.7500	1.6520	46100	65200	2200	3200	6.75	659/653
	146.050	41.961	205000	190000			3.05	
	5.8750	2.1250	69200	101000	2400	3400	9.15	6461 A16420
	149.225	53.975	308000	450000			4.15	
	5.9090	1.7500	58500	82100	2200	3200	8.15	748 S/742
	150.089	44.450	260000	365000			3.70	
	6.0000	1.6520	46100	65200	2200	3200	7.50	659/652
	152.400	41.961	205000	290000			3.40	
	6.3750	1.9375	58500	75300	1900	2800	9.70	9285/9220
	161.925	49.213	260000	335000			4.40	
3.0625	4.6250	1.0000	22700	36600	2800	3800	2.05	LM 81849/LM 814810
77.788	117.475	25.400	101000	163000			0.93	
3.1875	5.2500	1.1875	28800	38200	2400	3400	3.55	496/492 A
	133.350	30.163	128000	170000			1.60	
	5.3750	1.1875	28800	38200	2400	3400	3.75	496/493
	136.525	30.163	128000	170000			1.70	
	5.5115	1.4375	42000	63000	2400	3400	7.50	581/572
	139.992	36.512	187000	280000			3.40	
3.2500	4.9375	1.0000	25200	41800	2600	3600	2.45	27687/27620
82.550	125.413	25.400	112000	186000			1.1	
	5.2500	1.1875	28800	42700	2400	3400	3.40	495/492 A
	133.350	30.163	128000	190000			1.55	
3.25000	5.2500	1.3125	34000	51300	2400	3400	3.85	47686147620
82.550	133.350	33.338	151000	228000			1.75	
(cont.)	5.2500	1.5625	40200	70800	2400	3400	4.65	HM 516449/HM516410
	133.350	39.688	179000	315000			2.10	
	5.3750	1.1875	28800	42700	2400	3400	3.65	495/493

Principal Dimensions (mm)			Basic Load rating		Speed rating Lubrication			Designations Cone / Cup
			dynamic	Static				
d1	D	T	C	Co	grease	Oil	Mass	
	136.525	30.163	128000	190000			1.65	
	5.5000	1.4735	38700	57300	2400	3400	4.85	580/572 X
	139.700	37.427	172000	255000			2.20	
	5.5115	1.4375	38700	57300	2400	3400	4.85	580/572
	139.992	36.513	172000	255000			2.20	
	5.5115	1.475	38700	57300	2400	3400	4.85	582/572
	139.992	36.513	172000	255000			2.20	
	5.7500	1.6250	46100	65200	2200	3200	6.15	663/653
	146.050	41.275	205000	290000			2.80	
	5.9090	1.7500	58500	82100	2200	3200	7.50	749 A/742
	150.089	44.450	260000	365000			3.40	
	6.0000	1.6250	46100	65200	2200	3200	6.95	663/652
	152.400	41.275	205000	290000			3.15	
3.2813	4.9375	1.0000	25200	41800	2600	3600	2.30	27690/27620
83.345	125.413	25.400	112000	186000			1.05	
3.3125	5.2500	1.1875	28800	42700	2400	3400	3.30	498/492 A
84.138	133.350	30.163	128000	190000			1.50	
	5.3750	1.1875	28800	42700	2400	3400	3.55	498/493
	136.525	30.163	128000	190000			1.60	
3.3475	5.9090	1.7500	58500	82100	2200	3200	7.30	749/742
85.026	150.089	44.450	260000	365000			3.30	
3.3750	5.2500	1.1875	28800	42700	2400	3400	3.20	497/492 A
85.725	133.350	30.163	128000	190000			1.45	
	5.3750	1.1875	28800	42700	2400	3400	3.40	497/493
	136.525	30.163	128000	190000			1.55	
	5.5960	1.6875	50400	84300	2200	3200	5.95	H 617049/H 617010
	142.138	42.863	224000	375000			2.70	
	5.7500	1.6250	46100	65200	2200	3200	5.95	665/653
	146.050	41.275	205000	290000			2.70	
	6.0000	1.5625	43600	68600	2000	3000	6.30	596/592 A
	152.400	39.688	194000	305000			2.85	
	6.0000	1.6250	46100	65200	2200	3200	6.60	665/652
	152.400	41.275	205000	290000			3.00	
3.50000	6.0000	1.5625	40200	63000	2000	3000	6.15	592/592 A
88.900	152.400	39.688	179000	280000			2.80	
	6.0000	1.5625	55300	80900	2000	3000	6.30	HM 518445/HM 518410
	152.400	39.688	246000	360000			2.85	
	6.3750	1.8750	55300	77600	2000	3000	8.95	759/752
	161.925	47.625	246000	345000			4.05	
	6.3750	2.1250	68100	102000	2000	3000	10.5	6580/6535
	161.925	53.975	303000	455000			4.80	
3.5423	5.7864	1.5748	50400	75300	2200	3200	5.50	HM 218248/HM 218210
	146.975	40.000	224000	335000			2.50	
	6.3750	2.1250	68100	102000	2000	3000	10.5	6581 X/6535
	161.925	53.975	303000	455000			4.75	
3.6250	5.7500	1.3125	37100	60700	2200	3200	4.65	47890/47820
92.075	146.050	33.338	165000	270000			2.10	
	5.9055	1.4170	40200	63000	2000	3000	5.95	598 A/593 X
	150.000	35.992	17000	280000			2.70	
	6.0000	1.5625	40200	63000	2000	3000	5.95	598/592 A
	152.400	39.688	179000	280000			2.70	
	6.0000	1.5625	40200	63000	2000	3000	5.85	598 A/592 A
	152.400	39.688	179000	280000			2.65	
3.6875	5.8437	1.1250	29200	44100	2200	3200	3.30	42368/42584
93.662	148.430	28.575	130000	196000			1.5	
3.7500	5.0625	0.6250	13100	21400	2400	3400	1.20	LL 319349/LL 319310
95.250	128.588	15.875	58300	95000			0.54	
	5.7500	1.3125	37100	60700	2200	3200	4.20	47896/47820
	146.050	33.338	165000	270000			1.90	
	6.0000	1.5625	40200	63000	2200	3000	5.60	5941592 A
	152.400	39.688	179000	280000			2.55	
	6.0000	1.5625	40200	63000	2000	3000	5.60	594 A/592 A

Principal Dimensions (mm)		Basic Load rating			Speed rating Lubrication		Designations Cone / Cup	
d1	D	T	dynamic C	Static Co	grease	Oil	Mass	
	152.400	39.688	179000	280000			2.55	
	6.6250	1.6250	47700	73100	1900	2800	8.40	683/672
	168.275	41.275	212000	325000			3.80	
3.8125	5.8437	1.1250	29200	44100	2200	3200	3.65	42381/42584
96.838	148.430	28.575	130000	196000			1.65	
3.9360	6.1801	1.6535	55300	89900	2200	3000	6.40	HM 220149/HM 220110
99.9751	156.975	41.999	246000	400000			2.90	
4.0000	6.1875	1.4375	45200	75300	1900	2800	5.40	52400/52618
101.600	151.163	36.513	201000	335000			2.45	
	6.1875	1.4375	45200	75300	1900	2800	5.40	52401/52618
	157.163	36.513	201000	335000			2.45	
	6.6250	1.6250	47700	73100	1900	2800	7.60	687/672
	168.275	41.275	212000	325000			3.45	
	7.5000	2.2500	87900	128000	1800	2600	15.5	861/854
	190.500	57.150	391000	570000			6.95	
	7.5000	2.2500	98900	137000	1800	2600	16.0	HH 221449/HH 221410
	190.500	57.150	440000	610000			7.15	
4.1250	7.1250	1.8750	64300	96700	1800	2600	11.0	7821772
104.775	180.975	47.625	286000	430000			4.95	
4.1875	7.1250	1.8750	42700	70800	1900	2800	6.15	56418/56650
106.362	180.975	47.625	190000	315000			2.80	
4.2500	6.5000	0.9063	22700	36600	1900	2800	3.10	374225/37625
	165.100	23.020	101000	163000			1.40	
	6.3750	1.3750	41100	71900	1900	2800	5.40	48190/48120
	161.925	34.925	183000	320000			2.45	
	6.5000	1.4375	42700	70800	1900	2800	5.95	56425/56650
	165.100	36.513	190000	315000			2.70	
4.5000	7.0000	1.6250	50400	79800	1800	2600	7.95	64450/64700
114.300	177.800	41.275	224000	355000			3.60	
	7.1250	1.3750	41100	63000	1800	2600	6.50	68450/68712
	180.975	37.925	183000	280000			2.95	
	7.5000	1.8750	74200	121000	1700	2400	11.5	71450/71750
	190.200	47.625	330000	540000			5.25	
	8.3750	2.6250	105000	152000	1700	2400	22.0	938/932
	212.725	66.675	468000	675000			10.0	
4.5266	7.0000	1.6250	50400	79800	1800	2600	7.85	64452 A/64700
114.9761	177.800	41.275	224000	355000			3.55	
4.2650	7.1250	1.3750	41100	63000	1800	2600	6.15	68462/68712
117.475	180.975	34.925	183000	280000			2.80	
4.7500	7.5000	1.8125	70600	121000	1700	2400	10.5	HM 624749/HM 624710
120.650	190.500	46.038	314000	540000			4.85	
5.0000	6.6875	10000	29700	59600	1800	2600	3.55	L 225849/L225810
	169.863	25.400	132000	265000			1.60	
	7.1875	1.5625	51500	98900	1700	2400	7.30	48290/48220
	182563	39.688	229000	440000			3.30	
5.0000	7.7500	1.8125	69200	124000	1600	2200	11.5	67388/67322
127.000	196.850	46.038	308000	550000			5.20	
	9.0000	2.2150	94000	139000	1400	1900	19.5	HM 926747/HM 926710
	228.600	56.261	418000	620000			8.90	
5.2500	7.7500	1.8135	69200	124000	1600	2200	10.5	67390/67322
133.350	196.850	46.063	308000	550000			4.70	
	9.2500	2.5000	118000	183000	1500	2000	25.5	95525/95925
	234.950	63.000	523000	815000			11.5	
	9.2500	2.5000	118000	183000	1500	2000	25.5	95528/95925
	234.950	63.500	523000	815000			11.5	
5.3750	7.5000	1.5625	55300	112000	1700	2400	7.30	48393 A/48320
136.525	190.500	39.688	246000	500000			3.30	
5.5000	8.5000	1.8750	78000	137000	1500	2000	13.0	745520 A/74850
139.700	215.900	47.625	347000	610000			6.00	
5.7500	7.6250	1.1250	37900	79800	1600	2200	5.05	36690/36620
146.050	193.675	28.575	168700	35500			2.30	
	7.6250	1.1250	37900	79800	1600	2200	5.05	36691/36620
Note: *Load Rating Metric in 'N' Inch in Lbf							Note: Mass For Metric in kg for inch lb	

Principal Dimensions (mm)		Basic Load rating			Speed rating Lubrication		Designations Cone / Cup	
d1	D	T	dynamic	Static	grease	Oil	Mass	
			C	Co				
	193.675	28.575	168700	355000			2.30	
6.0000	10.0000	2.6252	199000	195000	1300	1800	27.5	99600/99100
152.400	254.000	66.675	528000	865000			12.5	
6.2500	8.8750	1.6250	60700	132000	1400	1900	11.5	46780/46720
158.750	225.425	41.275	270000	585000			5.30	
6.5000	8.8750	1.6250	60700	132000	1400	1900	10.5	46790/46720
165.100	225.425	41.275	270000	585000			4.75	
	13.2500	3.6250	60700	382000	950	1400	81.5	HH 437549/HH437510
	336.550	92.075	1270000	1700000			37.0	
6.8750	9.7500	1.8750	252000	165000	1200	1700	15.0	67786/67720
174.625	247.650	47.625	120000	735000			6.80	
	9.7500	1.8750	80500	165000	1200	1700	14.5	67790/67720
	247.650	47.625	358000	735000			6.60	
7.0000	10.2500	2.1250	109500	202000	1200	1700	20.5	M 236849/M236810
177.800	260.350	53.975	484000	900000			9.35	
7.0313	10.4375	2.0313	111000	198000	1200	1700	21.0	M 336948/M336912
178.595	265.113	51.595	495000	880000			9.60	
7.07840	10.4375	2.0313	111000	198000	1200	1700	20.5	M 336949/336912
179.934	265.113	51.595	495000	880000			9.40	
7.5000	10.5000	1.8750	84100	180000	1100	1600	18.0	67885/67820
190.500	266.700	47.625	374000	800000			8.20	
	11.1250	2.0000	90400	156000	1100	1600	21.0	877750/87111
	282.575	50.800	402000	695000			9.60	
7.7500	10.0000	1.1250	47700	96700	1200	1700	7.60	L 50049/L540010
196.850	254.000	28.575	212000	430000			3.45	
7.8750	10.8750	1.6875	87900	175000	1000	1500	17.0	LM 241147/LM 241110
200.025	276.225	42.863	391000	780000			7.70	
8.0000	11.1250	1.8125	80500	175000	1000	1500	19.5	67983/67920
203.200	282.575	46.038	358000	780000			8.95	
8.0310	11.1250	1.6875	87900	175000	1000	1500	16.0	LM 241148/LM 241110
203.987	282.575	42.863	391000	780000			7.25	
Note: *Load Rating Metric in 'N' Inch in Lbf					46	Note: Mass For Metric in kg for inch lb		