

ORBIT BEARINGS INDIA PRIVATE LIMITED
TAPER ROLLER BEARINGS - PRODUCT RANGE

BEARING NUMBER	BOUNDARY DIMENSIONS								Load Rating		Limiting Speed		Weight	Abutment Dimensions								
	d	D	T	B	C	r ₁	r	a	Dynamic	Static	Grease	Oil		d _a	d _b	D _a	D _a	D _b	C _a	C _b	r _a	r _b
	mm	mm	mm	mm	mm	mm	mm	mm	Newtons	Newtons	r.p.m.	r.p.m.	kgs.	max	min	min	max	min	min	min	max	max
Metric Series																						
30204	20.000	47.000	15.250	14.000	12.000	1.0	1.0	11	27500	28000	8000	11000	0.120	27	26	40	41	43	2	3	1	1
30205	25.000	52.000	16.250	15.000	13.000	1.0	1.0	12	30800	33500	7500	10000	0.150	31	31	44	46	48	2	3	1	1
30206	30.000	62.000	17.250	16.000	14.000	1.0	1.0	14	40200	44000	6300	8500	0.230	38	36	53	56	57	2	3	1	1
30207	35.000	72.000	18.250	17.000	15.000	1.5	1.5	15	51200	56000	5300	7000	0.320	44	42	62	65	67	3	3	1	1
30208	40.000	80.000	19.750	18.000	16.000	1.5	1.5	16	61600	68000	4800	6300	0.420	49	47	69	73	74	3	3.5	1	1
30209	45.000	85.000	20.750	19.000	16.000	1.5	1.5	18	66000	76500	4500	6000	0.480	54	52	74	78	80	3	4.5	1	1
30210	50.000	90.000	21.750	20.000	17.000	1.5	1.5	19	76500	91500	4300	5600	0.540	58	57	79	83	85	3	4.5	1	1
30211	55.000	100.000	22.750	21.000	18.000	2.0	1.5	21	94600	113000	3900	5200	0.732	64	64	88	91	94	4	4.5	1.5	1.5
30212	60.000	110.000	23.750	22.000	19.000	2.0	1.5	22	99000	114000	3400	4500	0.880	70	69	96	101	103	4	4.5	1.5	1.5
30213	65.000	120.000	24.750	23.000	20.000	2.0	1.5	24	123000	148000	3100	4200	1.100	78	74	106	111	113	4	4.5	1.5	1.5
30214	70.000	125.000	26.250	24.000	21.000	2.0	1.5	25	125000	156000	3000	4000	1.250	82	79	110	116	118	4	5	1.5	1.5
30215	75.000	130.000	27.250	25.000	22.000	2.0	1.5	27	140000	176000	2800	3800	1.400	86	84	115	121	124	4	5	1.5	1.5
30216	80.000	140.000	28.250	26.000	22.000	2.5	2.0	28	151000	183000	2400	3400	1.600	92	90	124	130	132	4	6	2	2
30217	85.000	150.000	30.500	28.000	24.000	2.5	2.0	30	176000	220000	2200	3200	2.050	97	95	132	140	141	5	6.5	2	2
30220	100.000	180.000	37.000	34.000	29.000	3.0	2.5	35	246000	320000	1900	2800	3.650	116	112	157	168	168	5	8	2	2
30302	15.000	42.000	14.250	13.000	11.000	1.0	1.0	9	22400	20000	9000	13000	0.095	22	21	36	36	38	2	3	1	1
30305	25.000	62.000	18.250	17.000	15.000	1.5	1.5	13	48500	47500	6700	8900	0.272	34	32	54	55	57	2	3	1	1
30306	30.000	72.000	20.750	19.000	16.000	1.5	1.5	15	56100	56000	5600	7500	0.390	41	37	62	65	66	3	4.5	1	1
30307	35.000	80.000	22.750	21.000	18.000	2.0	1.5	16	72100	73500	5000	6700	0.520	46	44	70	71	74	3	4.5	1.5	1.5
30308	40.000	90.000	25.250	23.000	20.000	2.0	1.5	19	85800	95000	4500	6000	0.720	53	49	77	81	82	3	5	1.5	1.5
30309	45.000	100.000	27.250	25.000	22.000	2.0	1.5	21	108000	120000	4000	5300	0.970	59	54	86	91	92	3	5	1.5	1.5
30310	50.000	110.000	29.250	27.000	23.000	2.5	2.0	23	137000	152000	3700	4900	1.320	65	60	95	100	102	4	6	2	2
30311	55.000	120.000	31.500	29.000	25.000	2.5	2.0	24	142000	163000	3200	4300	1.550	71	65	104	110	111	4	6.5	2	2
30312	60.000	130.000	33.500	31.000	26.000	3.0	2.5	26	168000	196000	3000	4000	1.950	77	72	112	118	120	5	7.5	2	2

ORBIT BEARINGS INDIA PRIVATE LIMITED
TAPER ROLLER BEARINGS - PRODUCT RANGE

BEARING NUMBER	BOUNDARY DIMENSIONS								Load Rating		Limiting Speed		Weight	Abutment Dimensions								
	d	D	T	B	C	r ₁	r	a	Dynamic	Static	Grease	Oil		d _a	d _b	D _a	D _a	D _b	C _a	C _b	r _a	r _b
	mm	mm	mm	mm	mm	mm	mm	mm	Newtons	Newtons	r.p.m.	r.p.m.	kgs.	max	min	min	max	min	min	min	max	max
Metric Series																						
30313	65.000	140.000	36.000	33.000	28.000	3.0	2.5	29	204000	239000	2800	3800	2.560	84	77	122	128	130	5	8	2	2
31309	45.000	100.000	27.250	25.000	18.000	2.0	1.5	31	91300	102000	3400	4500	0.950	57	54	79	91	95	4	9	1.5	1.5
31312L	60.000	135.000	33.500	31.000	22.000	3.0	2.5	39	145000	166000	2600	3600	2.032	74	72	103	118	127	5	11.5	2	2
32010	50.000	80.000	20.000	20.000	15.500	1.0	1.0	18	61000	87000	4300	6000	0.379	57	56	72	74	77	4	4.5	1	1
32011	55.000	90.000	23.000	23.000	17.500	1.5	1.5	20	80900	116000	4000	5300	0.550	63	62	81	83	86	4	5.5	1	1
32012	60.000	95.000	23.000	23.000	17.500	1.5	1.5	21	82500	122000	3800	5000	0.590	67	67	85	88	91	4	5	1	1
32013	65.000	100.000	23.000	23.000	17.500	1.5	1.5	22	84200	127000	3400	4500	0.630	72	72	90	93	97	4	5.5	1	1
32014	70.000	110.000	25.000	25.000	19.000	1.5	1.5	24	103000	157000	3200	4300	0.840	78	77	98	103	105	5	6	1	1
32015	75.000	115.000	25.000	25.000	19.000	1.5	1.5	25	110000	169000	3100	4200	0.930	83	82	103	108	110	5	6	1	1
32016	80.000	125.000	29.000	29.000	22.000	1.5	1.5	27	138000	216000	2600	3600	1.300	90	87	112	118	120	6	7	1	1
32017	85.000	130.000	29.000	29.000	22.000	1.5	1.5	28	140000	224000	2400	3400	1.350	94	92	117	123	125	6	7	1	1
32018	90.000	140.000	32.000	32.000	24.000	2.0	1.5	30	168000	270000	2200	3200	1.750	100	99	125	131	134	6	8	1.5	1.5
32019	95.000	145.000	32.000	32.000	24.000	2.0	1.5	31	182000	287000	2500	3300	1.880	105	104	130	136	139	6	8	1.5	1.5
32020	100.000	150.000	32.000	32.000	24.000	2.0	1.5	33	185000	298000	2400	3200	1.950	110	109	134	141	144	6	8	1.5	1.5
32021	105.000	160.000	35.000	35.000	26.000	2.5	2.0	34.5	201000	335000	2100	2800	2.420	116	115	143	150	154	6	9	2	2
32022	110.000	170.000	38.000	38.000	29.000	2.5	2.0	36	233000	390000	1800	2600	3.050	123	120	152	160	163	7	9	2	2
32206	30.000	62.000	21.250	20.000	17.000	1.0	1.0	15	50100	57000	6300	8500	0.280	37	36	52	56	58	3	4	1	1
32207	35.000	72.000	24.250	23.000	19.000	1.5	1.5	17	66000	78000	5300	7000	0.430	43	42	61	65	67	3	5	1	1
32208	40.000	80.000	24.750	23.000	19.000	1.5	1.5	19	74800	86500	4800	6300	0.530	49	47	68	73	75	3	5.5	1	1
32209	45.000	85.000	24.750	23.000	19.000	1.5	1.5	20	80900	98000	4500	6000	0.580	54	52	73	78	80	3	5.5	1	1
32210	50.000	90.000	24.750	23.000	19.000	1.5	1.5	21	82500	100000	4300	5600	0.610	58	57	78	83	85	3	5.5	1	1
32211	55.000	100.000	26.750	25.000	21.000	2.0	1.5	22	106000	129000	3800	5000	0.830	64	64	87	91	95	4	5.5	1.5	1.5
32212	60.000	110.000	29.750	28.000	24.000	2.0	1.5	24	125000	160000	3400	4500	1.150	69	69	95	101	104	4	5.5	1.5	1.5
32213	65.000	120.000	32.750	31.000	27.000	2.0	1.5	27	151000	193000	3000	4000	1.500	76	74	104	111	115	4	5.5	1.5	1.5

ORBIT BEARINGS INDIA PRIVATE LIMITED
TAPER ROLLER BEARINGS - PRODUCT RANGE

BEARING NUMBER	BOUNDARY DIMENSIONS								Load Rating		Limiting Speed		Weight	Abutment Dimensions								
	d	D	T	B	C	r ₁	r	a	Dynamic	Static	Grease	Oil		d _a	d _b	D _a	D _a	D _b	C _a	C _b	r _a	r _b
	mm	mm	mm	mm	mm	mm	mm	mm	Newtons	Newtons	r.p.m.	r.p.m.	kgs.	max	min	min	max	min	min	min	max	max
Metric Series																						
32214	70.000	125.000	33.250	31.000	27.000	2.0	1.5	28	157000	208000	2800	3800	1.600	80	79	108	116	119	4	6	1.5	1.5
32215	75.000	130.000	33.250	31.000	27.000	2.0	1.5	29	161000	212000	2600	3600	1.700	85	84	114	121	125	4	6	1.5	1.5
32216	80.000	140.000	35.250	33.000	28.000	2.5	2.0	30	187000	245000	2400	3400	2.050	91	90	122	130	134	5	7	2	2
32217	85.000	150.000	38.500	36.000	30.000	2.5	2.0	33	212000	285000	2200	3200	2.600	97	95	130	140	142	5	8.5	2	2
32218	90.000	160.000	42.500	40.000	34.000	2.5	2.0	36	251000	340000	2000	3000	3.350	102	100	138	150	152	5	8.5	2	2
32219	95.000	170.000	45.500	43.000	37.000	3.0	2.5	39	281000	390000	1900	2800	4.050	109	107	145	158	161	5	8.5	2	2
32220	100.000	180.000	49.000	46.000	39.000	3.0	2.5	41	319000	440000	1800	2600	4.900	115	112	154	168	171	5	10	2	2
32307	35.000	80.000	32.750	31.000	25.000	2.0	1.5	20	95200	106000	4800	6300	0.730	44	44	66	71	74	4	7.5	1.5	1.5
32308	40.000	90.000	35.250	33.000	27.000	2.0	1.5	23	117000	140000	4000	5300	1.000	51	49	73	81	82	3	8	1.5	1.5
32309	45.000	100.000	38.250	36.000	30.000	2.0	1.5	25	140000	170000	3600	4800	1.350	57	54	82	91	93	4	8	1.5	1.5
32310	50.000	110.000	42.250	40.000	33.000	2.5	2.0	27	172000	212000	3200	4300	1.800	63	60	90	100	102	5	9	2	2
32311	55.000	120.000	45.500	43.000	35.000	2.5	2.0	29	198000	250000	3000	4000	2.300	68	65	99	110	111	5	10.5	2	2
32312	60.000	130.000	48.500	46.000	37.000	3.0	2.5	31	229000	290000	2600	3600	2.850	74	72	107	118	120	6	11.5	2	2
32313	65.000	140.000	51.000	48.000	39.000	3.0	2.5	35	266000	333000	2800	3800	3.450	80	77	117	128	130	6	12	2	2
32316	80.000	170.000	61.500	58.000	48.000	3.0	2.5	41	380000	500000	1900	2800	6.200	98	92	142	158	159	7	13.5	2	2
32317	85.000	180.000	63.500	60.000	49.000	4.0	3.0	42	402000	530000	1800	2600	6.850	103	99	150	166	167	7	14.5	2.5	2.5
33010	50.000	80.000	24.000	24.000	19.000	1.0	1.0	17	69300	102000	4500	6000	0.450	56	56	72	74	76	4	5	1	1
33012	60.000	95.000	27.000	27.000	21.000	1.5	1.5	20	91300	143000	3800	5000	0.710	67	67	85	88	90	5	6	1	1
33013	65.000	100.000	27.000	27.000	21.000	1.5	1.5	21	96800	156000	3400	4500	0.780	72	72	89	93	96	5	6	1	1
33016	80.000	125.000	36.000	36.000	29.500	1.5	1.5	26	168000	285000	2600	3600	1.650	90	87	112	118	119	6	6.5	1	1
33017	85.000	130.000	36.000	36.000	29.500	1.5	1.5	26	183000	310000	2600	3600	1.750	94	92	118	123	125	6	6.5	1	1
33018	90.000	140.000	39.000	39.000	32.500	2.0	1.5	27	216000	355000	2200	3200	2.200	100	99	127	131	135	7	6.5	1.5	1.5
33019	95.000	145.000	39.000	39.000	32.500	2.0	1.5	29	228000	378000	2200	3200	2.250	104	104	131	136	139	7	6.5	1.5	1.5
33020	100.000	150.000	39.000	39.000	32.500	2.0	1.5	29	224000	390000	2000	3000	2.400	109	109	135	141	143	7	6.5	1.5	1.5

ORBIT BEARINGS INDIA PRIVATE LIMITED
TAPER ROLLER BEARINGS - PRODUCT RANGE

BEARING NUMBER	BOUNDARY DIMENSIONS								Load Rating		Limiting Speed		Weight	Abutment Dimensions								
	d	D	T	B	C	r ₁	r	a	Dynamic	Static	Grease	Oil		d _a	d _b	D _a	D _a	D _b	C _a	C _b	r _a	r _b
	mm	mm	mm	mm	mm	mm	mm	mm	Newtons	Newtons	r.p.m.	r.p.m.	kgs.	max	min	min	max	min	min	min	max	max
Metric Series																						
33021	105.000	160.000	43.000	43.000	34.000	2.5	2.0	31	246000	430000	1900	2800	3.050	117	115	145	150	153	7	9	2	2
33022	110.000	170.000	47.000	47.000	37.000	2.5	2.0	34	281000	500000	1800	2600	3.850	123	120	152	160	161	7	10	2	2
33109	45.000	80.000	26.000	26.000	20.500	1.5	1.5	19	84200	114000	4500	6000	0.560	52	52	69	73	77	4	5.5	1	1
33111	55.000	95.000	30.000	30.000	23.000	1.5	1.5	22	110000	156000	3800	5000	0.860	63	62	83	88	91	5	7	1	1
33115	75.000	125.000	37.000	37.000	29.000	2.0	1.5	29	176000	265000	2800	3800	1.800	84	84	109	116	120	6	8	1.5	1.5
33116	80.000	130.000	37.000	37.000	29.000	2.0	1.5	30	179000	280000	2600	3600	1.900	89	89	114	121	126	6	8	1.5	1.5
33118	90.000	150.000	45.000	45.000	35.000	2.5	2.0	35	251000	390000	2000	3000	3.100	101	100	130	140	144	7	10	2	2
33208	40.000	80.000	32.000	32.000	25.000	1.5	1.5	21	105000	132000	4300	5600	0.770	47	47	67	73	76	5	7	1	1
33209	45.000	85.000	32.000	32.000	25.000	1.5	1.5	22	108000	143000	4000	5300	0.820	52	52	72	78	81	5	7	1	1
33210	50.000	90.000	32.000	32.000	24.500	1.5	1.5	23	109000	162000	3800	5000	1.950	57	57	77	83	87	5	7.5	1	1
33211	55.000	100.000	35.000	35.000	27.000	2.0	1.5	25	138000	190000	3400	4500	1.200	63	64	85	91	96	6	8	1.5	1.5
33213	65.000	120.000	41.000	41.000	32.000	2.0	1.5	30	191000	285000	3000	4000	4.540	75	74	102	111	115	6	9	1.5	1.5
33215	75.000	130.000	41.000	41.000	31.000	2.0	1.5	32	209000	300000	2400	3400	2.250	84	84	111	121	125	6	10	1.5	1.5
33216	80.000	140.000	46.000	46.000	35.000	2.5	2.0	36	250000	371000	2700	3600	2.990	89	90	119	130	135	7	11	2	2
33217	85.000	150.000	49.000	49.000	37.000	2.5	2.0	37	286000	430000	2000	3000	3.700	96	95	128	140	144	7	12	2	2

ORBIT BEARINGS INDIA PRIVATE LIMITED
TAPER ROLLER BEARINGS - PRODUCT RANGE

BEARING NUMBER	BOUNDARY DIMENSIONS								Load Rating		Limiting Speed		Weight	Abutment Dimensions								
	d	D	T	B	C	r ₁	r	a	Dynamic	Static	Grease	Oil		d _a	d _b	D _a	D _a	D _b	C _a	C _b	r _a	r _b
	mm	mm	mm	mm	mm	mm	mm	mm	Newtons	Newtons	r.p.m.	r.p.m.	kgs.	max	min	min	max	min	min	min	max	max
Inch Series																						
09067/9195	19.050	49.225	18.034	19.050	14.288	1.3	1.3	10	39100	40000	8000	11000	0.180	26	25.5	41	42.5	44	4	3.5	1	1
JLM104948/10	50.000	82.000	21.500	21.500	17.000	3.0	0.5	16	72100	100000	4500	6000	0.430	57	64	74	77	78	4	4.5	2.5	0.5
11162/11300	41.275	76.200	18.009	17.384	14.288	1.5	1.5	17	42500	51500	4900	6500	0.337	50	49	65	68	71	3	3.5	1	1
11590/20	15.875	42.862	14.288	14.288	9.525	1.5	1.5	13	17600	17500	8700	12000	0.103	23	23	32	36	38	2	4.5	1	1
LM11949/10	19.050	45.237	15.494	16.637	12.065	1.3	1.3	10	27500	27500	8500	12000	0.120	25	25.5	38	38.5	41	3	3	1	1
M12649/10	21.430	50.005	17.526	18.288	13.970	1.3	1.3	11	36900	38000	8000	11000	0.170	28	28	43	43.5	46	3	3.5	1	1
14118/283	30.000	72.085	22.385	19.202	18.415	0.8	2.3	18	53900	67000	5600	7500	0.450	43	36.5	56	63	63	3	3.5	0.6	2
15120/245	30.213	62.000	19.050	20.638	14.288	0.8	1.3	13	46800	53900	6000	8000	0.260	38	40	54	55	58	4	4.5	0.6	1
15123/245	31.750	62.000	18.161	19.050	14.288	4.0	1.3	13	48400	57000	6000	8000	0.240	38	43.5	54	55	58	4	3.5	3	1
1988/22	28.575	57.150	19.845	19.355	15.875	3.5	1.5	14	47300	55000	6700	9000	0.220	35	40	49	49.5	54	3	3.5	3	1
HM218248/10	89.974	146.975	40.000	40.000	32.500	7.0	3.5	31	227000	340000	2400	3200	2.550	101	111	130	134	140	7	7.5	6	3
24780/20	41.275	76.200	22.225	23.020	17.462	3.5	0.8	17	68200	86500	5000	6700	0.430	48	48	65	64	71	4	4.5	3	0.6
25577/23	42.875	82.931	26.988	25.400	22.225	3.5	2.3	20	80900	106000	4500	6000	0.610	53	56.5	70	73	76	3	4.5	3	2
25590/20	45.618	82.931	23.812	25.400	19.050	3.6	0.8	17	83800	111000	4500	6000	0.540	53	57.5	71	76	76	5	4.5	3	0.6
2580/20	31.750	66.421	25.400	25.357	20.638	0.8	3.2	16	71400	85100	6000	8000	0.400	40	38	58	55	63	3	4.5	0.6	3
25877/21	34.925	73.025	23.812	24.608	19.050	1.5	0.8	15	72100	88000	5300	7000	0.470	44	42.5	62	66.5	67	5	4.5	1	0.6
27687/20	82.550	125.412	25.400	25.400	19.845	3.5	1.5	26	102000	163000	2700	3600	1.070	93	96	113	116	119	5	5.5	3	1
28580/21	50.800	92.075	24.608	25.400	19.845	3.6	0.8	20	84800	119000	4200	5600	0.720	61	63	79	85	86	5	4.5	3	0.6
28584/21	52.388	92.075	24.608	25.400	19.845	3.6	0.8	20	84800	119000	4200	5600	0.670	63	65	79	85	86	5	4.5	3	0.6
29685/20	73.025	112.712	25.400	25.400	19.050	3.5	3.3	26	95500	151000	3100	4100	0.873	82	86	100	100	108	4	6	3	3
LM29749/10	38.100	65.088	18.034	18.288	13.970	2.3	1.3	13	42900	57000	5600	7500	0.240	44	47.5	58	58	61	3	4	2	1
31594/20	34.925	76.200	29.370	28.575	23.812	1.5	3.3	20	85800	106000	5000	6700	0.630	44	43	62	64.5	71	4	5.5	1	3
33889/21	50.800	95.250	27.783	28.575	22.225	3.5	2.3	20	107000	139000	3900	5200	0.876	58	64	83	88	90	6	5.5	3	2
33895/22	53.975	95.250	27.783	28.575	22.225	1.5	0.8	20	107000	139000	3900	5200	0.824	61	62.5	83	88	90	6	5.5	1	0.6

ORBIT BEARINGS INDIA PRIVATE LIMITED
TAPER ROLLER BEARINGS - PRODUCT RANGE

BEARING NUMBER	BOUNDARY DIMENSIONS								Load Rating		Limiting Speed		Weight kgs.	Abutment Dimensions								
	d mm	D mm	T mm	B mm	C mm	r ₁ mm	r mm	a mm	Dynamic Newtons	Static Newtons	Grease r.p.m.	Oil r.p.m.		d _a max	d _b min	D _a min	D _a max	D _b min	C _a min	C _b min	r _a max	r _b max
Inch Series																						
3490/20	38.100	79.375	29.370	29.771	23.812	3.5	3.3	20	91300	110000	5000	6700	0.670	46	50	65	68	73	4	5.5	3	3
355X/352	44.450	90.119	23.000	21.692	21.808	3.5	2.3	16	70400	81500	4500	6000	0.660	55	56.5	76	77	80	3	3	3	2
359S/354X	46.038	85.000	20.638	21.692	17.462	2.3	1.5	16	70400	81500	4500	6000	0.490	55	56	76	77	80	3	3	2	1
368A/362A	50.800	88.900	20.638	22.225	16.513	3.6	1.2	16	74300	87300	4400	5800	0.500	58	63	80	81	83	4	4	3	1
3780/20	50.800	93.264	30.162	30.302	23.812	3.5	3.3	22	110000	146000	4000	5300	0.870	60	63	80	81.5	87	4	6	3	3
387/382	57.150	98.425	21.000	21.946	17.826	2.3	0.8	17	80900	102000	3800	5000	0.640	65	67.5	87	91.5	92	5	3	2	0.6
39581/20	57.150	112.712	30.162	30.162	23.812	8.0	3.3	23.5	138000	195000	3200	4200	1.400	76	79	100	100	107	5	6	7	3
395A/394A	66.675	110.000	22.000	21.996	18.824	0.8	1.3	21	89500	120000	3200	4300	0.796	77	74	98	102	105	4	3	0.6	1
3982/20	63.500	112.712	30.162	30.048	23.812	3.5	3.3	25	123000	183000	3200	4300	1.250	75	76.5	96	100	105	4	6	3	3
3984/20	66.675	112.712	30.162	30.048	23.812	3.5	3.3	25	123000	183000	3200	4300	1.150	75	79.5	96	100	105	4	6	3	3
418/414	38.100	88.500	26.988	29.083	22.225	3.5	1.5	17	101000	114000	4800	6300	0.830	49	50	73	80.5	78	5	4.5	3	1
42687/20	76.200	127.000	30.162	31.000	22.225	3.5	3.3	27	138000	204000	2800	3800	1.450	88	89.5	112	114	120	5	7.5	3	3
462/453X	57.150	104.775	30.162	29.317	24.605	2.3	3.3	24	121000	160000	3600	4800	1.050	68	67.5	91	92.5	98	4	5.5	2	3
47487/20	69.850	120.000	32.545	32.545	26.195	3.6	3.3	26	166000	249000	3000	4000	1.460	81	83	105	108	113	6	6	3	3
482/472	69.850	120.000	29.794	29.007	24.237	3.5	2.0	26	132000	186000	3000	4000	1.350	80	83	103	110	112	4	5.5	3	1.5
LM48548/10	34.925	65.088	18.034	18.288	13.970	3.6	1.3	14	47300	57000	5600	7500	0.250	42	47	57	58	61	3	4	3.5	1
LM501349/10	41.275	73.431	19.558	19.812	14.732	3.5	0.8	16	55000	69500	4800	6300	0.330	48	53.5	64	67	69	4	4.5	3	0.6
HM518445/10	88.900	152.400	39.688	39.688	30.162	6.4	3.3	33	275000	404000	2000	3000	2.810	102	109	135	139	146	7	9.5	6	3
535/532A	44.450	111.125	38.100	36.957	30.162	3.6	3.3	26	159000	206000	3600	4800	1.830	64	57	90	95.5	97	5	7.5	3	3
537/532X	50.800	107.950	36.512	36.957	28.575	3.6	3.3	24	159000	206000	3600	4800	1.520	64	63.5	90	95.5	97	5	7.5	3	3
539/532X	53.975	107.950	36.512	36.957	28.575	3.6	3.3	24	159000	206000	3600	4800	1.450	64	66.5	90	95.5	97	5	7.5	3	3
566/563	69.850	127.000	36.512	36.170	28.575	3.6	3.3	28	182000	262000	2800	3800	1.900	83	83	109	114	119	5	7.5	3	3
567/563	73.025	127.000	36.512	36.170	28.575	3.6	3.3	28	182000	262000	2800	3800	1.790	83	86	109	114	119	5	7.5	3	3
575/572	76.200	139.992	36.512	36.098	28.575	3.5	3.3	31	187000	280000	2400	3400	2.450	94	89.5	120	127	131	5	7.5	3	3
580/572	82.550	139.992	36.512	36.098	28.575	3.6	3.3	31	191000	291000	2400	3400	2.140	94	96	120	127	131	5	7.5	3	3

ORBIT BEARINGS INDIA PRIVATE LIMITED
TAPER ROLLER BEARINGS - PRODUCT RANGE

BEARING NUMBER	BOUNDARY DIMENSIONS								Load Rating		Limiting Speed		Weight kgs.	Abutment Dimensions								
	d mm	D mm	T mm	B mm	C mm	r ₁ mm	r mm	a mm	Dynamic Newtons	Static Newtons	Grease r.p.m.	Oil r.p.m.		d _a max	d _b min	D _a min	D _a max	D _b min	C _a min	C _b min	r _a max	r _b max
Inch Series																						
582/572	82.550	139.992	36.512	36.098	28.575	6.9	3.3	31	191000	291000	2400	3400	2.110	94	102	120	127	131	5	7.5	6	3
593/592A	88.900	152.400	39.688	36.322	30.162	3.5	3.3	37	194000	305000	2000	3000	2.800	104	103	128	139	141	4	9.5	3	3
594A/592A	95.250	152.400	39.688	36.322	30.162	5.1	3.3	37	200000	319000	2000	3000	2.470	104	112	128	139	141	4	9.5	4	3
596/592A	85.725	152.400	39.688	36.322	30.162	3.5	3.3	37	194000	305000	2000	3000	2.900	96	102	128	139	141	4	9.5	3	3
598/592A	92.075	152.400	39.688	36.322	30.162	3.5	3.3	37	194000	305000	2000	3000	2.700	104	106	128	139	141	4	9.5	3	3
LM603049/11	45.242	77.788	19.842	19.842	15.080	3.5	0.8	17	53900	69500	4800	6300	0.370	52	57.5	68	71	74	4	4.5	3	0.6
621/612	53.975	120.650	41.275	41.275	31.750	3.5	3.3	27	172000	213000	3300	4400	2.210	69	63.5	98	108	108	6	9.5	3	3
6379/20	65.088	135.755	53.975	56.007	44.450	3.5	3.3	34	286000	400000	2800	3800	3.700	78	78.5	110	123	125	7	9.5	3	3
6386/20	66.675	135.755	53.975	56.007	44.450	4.3	3.3	34	286000	400000	2800	3800	3.650	78	81.5	110	123	125	7	9.5	4	3
LM67048/10	31.750	59.131	15.875	16.764	11.811	3.6	3.3	13	34700	41500	6300	8500	0.180	38	44.5	51	52	55	3	4	3.5	1
683/672	95.250	168.275	41.275	41.275	30.162	3.6	3.3	38	245000	386000	1900	2800	3.680	114	109	143	155	157	6	11	3	3
JM716649/10	85.000	130.000	30.000	29.000	24.000	3.0	2.5	30	149000	245000	2600	3600	1.360	94	99	115	118	125	5	6	2.5	2
72212/487	53.975	123.825	36.512	32.791	25.400	3.5	3.3	36	147000	180000	3800	5600	2.050	68	65.5	93	113	114	5	11	3	3
749A/742	82.550	150.089	44.450	46.672	36.512	3.5	3.3	32	261000	360000	2400	3200	3.370	95	96	130	137	142	8	7.5	3	3
HM903249/10	44.450	95.250	30.958	28.575	22.225	3.5	0.8	30	101000	122000	3600	4800	1.000	53	57	71	88	90	4	8.5	3	0.6

ORBIT BEARINGS INDIA PRIVATE LIMITED
2313, G. I. D. C., Kalawad Road, Metoda, Rajkot- 260021 INDIA
Phone: **+91 2827 287388** Fax: **+91 2827 287601**
Email: info@orbitbearings.com Web: www.orbitbearings.com