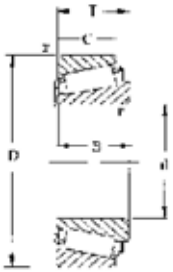
TAPERED ROLLER BEARINGS (INCH SERIES)



Principal dimensions(mm)							Weight Kg	Bearing Number	Basic Load Rating (kN)		Limiting Speed(rpm)	
d	D	T	B	C	r_{1min}	r_{smin}			DynamicCr	Static Cor	Grease	Oil
105	160	35.00	35	26.00	2.0	2.5	2.42	**32021X**	201.00	335.00	2100	2800
	160	43.00	43	34.00	2.0	2.5	3.00	**33021**	245.00	420.00	2100	2800
	190	39.00	36	30.00	2.5	3.0	4.39	**30221**	287.00	380.00	1900	2500
	190	53.00	50	43.00	2.5	3.0	6.25	**32221**	380.00	540.00	1900	2500
	225	53.50	49	41.00	3.0	3.0	8.93	**30321**	365.00	420.00	1700	2300
	225	81.50	77	63.00	3.0	4.0	14.50	**32321**	610.00	825.00	1700	2300
110	170	38.00	38	29.00	2.0	2.5	3.07	**32022X**	236.00	390.00	2000	2700
	170	47.00	47	37.00	2.0	2.5	3.80	**33022**	288.00	500.00	2000	2700
	200	41.00	38	32.00	2.5	3.0	5.18	**30222**	288.00	500.00	2000	2700
	200	56.00	53	46.00	2.5	3.0	7.43	**32222**	420.00	605.00	1800	2400
	240	54.50	50	42.00	3.0	3.0	10.50	**30322**	400.00	465.00	1600	2200
	240	84.50	80	65.00	3.0	3.0	16.90	**32322**	620.00	830.00	1600	2200
120	180	38.00	38	29.00	2.0	2.5	3.25	**32024X**	245.00	420.00	1800	2500
	215	43.50	40	34.00	2.5	3.0	6.23	**30224**	345.00	470.00	1700	2200
	215	61.50	58	50.00	2.5	3.0	9.08	**32224**	460.00	680.00	1700	2200
	260	59.50	55	46.00	3.0	3.0	13.20	**30324**	465.00	550.00	1500	2000
	260	90.05	86	69.00	3.0	4.0	22.40	**32324**	815.00	1130.00	1500	2000
130	200	45.00	45	34.00	2.0	2.5	4.96	**32026X**	320.00	545.00	1700	2200
	230	43.75	40	34.00	3.0	4.0	7.25	**30226**	375.00	505.00	1500	2000
	230	67.75	64	54.00	3.0	4.0	11.20	**32226**	530.00	815.00	1500	2000
	280	63.75	58	49.00	4.0	4.0	16.70	**30326**	525.00	625.00	1400	1800
140	210	45.00	45	34.00	2.0	2.5	5.28	**32028X**	330.00	580.00	1600	2100
	250	45.75	42	36.00	3.0	3.0	8.22	**30228**	375.00	485.00	1400	1900
	250	71.75	68	58.00	3.0	4.0	14.10	**32228**	610.00	920.00	1400	1900
	300	67.75	62	53.00	4.0	4.0	20.40	**30328**	640.00	780.00	1300	1700
150	225	48.00	48	36.00	2.5	3.0	6.37	**32030X**	370.00	655.00	1400	1900
	270	49.00	45	38.00	3.0	4.0	11.20	**30230**	450.00	605.00	1300	1700
	270	77.00	73	60.00	3.0	4.0	18.20	**32230**	700.00	1070.00	1300	1700
	320	72.00	65	55.00	4.0	4.0	24.70	**30330**	680.00	1070.00	1200	1600

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TAPERED ROLLER BEARINGS (INCH SERIES)

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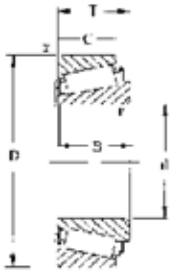

Principal dimensions(mm)							Weight(Kg)		Bearing Number		Basic Load Rating (kN)		Limiting Speed(rpm)	
d	D	T	B	C	r_{1min}	r_{smin}	Inner ring	Outer ring	Inner ring	Outer ring	DynamicCr	Static Cor	Grease	Oil
15.875	34.988	10.998	10.998	8.712	1.3	1.3	0.031	0.018	L 21549	L 21511	10.8	10.4	10500	14500
	39.992	12.014	11.153	9.525	1.3	1.3	0.044	0.031	A 6062	A 6157	11.9	12.7	9000	12500
	41.275	14.288	14.681	11.112	1.3	2.0	0.061	0.035	03062	03162	18.3	16.9	9500	12500
	42.862	14.288	14.288	9.525	1.5	1.5	0.061	0.040	11590	11520	14.3	14.2	8000	11500
	42.862	16.670	16.670	13.495	1.5	1.5	0.075	0.048	17580	17520	23.9	23.3	9000	12500
	44.450	15.494	14.381	11.430	1.5	1.5	0.081	0.039	05062	05175	20.8	20.9	8000	10500
	49.225	19.845	21.539	14.288	0.8	1.3	0.139	0.065	09062	09195	34.5	34.0	8000	10500
17.462	39.878	13.843	14.605	10.668	1.3	1.3	0.055	0.028	LM 11749	LM 11710	19.5	19.5	9500	12500
	47.000	14.381	14.381	11.112	0.8	1.3	0.082	0.047	05068	05185	20.8	20.9	8000	10500
19.050	39.992	12.014	11.153	9.525	1.0	1.3	0.037	0.031	A 6075	A 6157	11.9	12.7	9000	12500
	45.237	15.494	16.637	12.065	1.3	1.3	0.081	0.044	LM 11949	LM 11910	25.5	25.9	8500	11500
	47.000	14.381	14.381	11.112	1.3	1.3	0.077	0.047	05075	05185	20.8	20.9	8000	10500
	49.225	18.034	19.050	14.288	1.3	1.3	0.115	0.065	09067	09195	34.5	34.0	8000	10500
	49.225	19.845	21.539	14.288	1.2	1.3	0.124	0.065	09078	09195	34.5	34.0	8000	10500
	49.225	21.209	19.050	17.462	1.3	1.5	0.115	0.085	09067	09196	34.5	34.0	8000	10500
	49.225	23.020	21.539	17.462	1.5	3.5	0.124	0.082	09074	09194	34.5	34.0	8000	10500
	53.975	22.225	21.839	15.875	1.5	2.3	0.156	0.097	21075	21212	37.5	36.5	7000	9500
21.430	50.005	17.526	18.288	13.970	1.3	1.3	0.115	0.059	M 12649	M 12610	35.5	37.0	7500	10500
22.000	45.237	15.494	16.637	12.065	1.3	1.3	0.078	0.038	LM 12749	LM 12710	26.2	30.5	7500	10500
	45.975	15.494	16.637	12.065	1.3	1.3	0.078	0.043	LM 12749	LM 12711	26.2	30.5	8000	10500
22.225	50.005	13.495	14.260	9.525	1.3	1.0	0.097	0.035	07087	07196	23.0	24.9	8000	9500
	50.005	17.526	18.288	13.970	1.3	1.3	0.111	0.059	M 12648	M 12610	35.5	37.0	7000	10500
	52.388	19.368	20.168	14.288	1.5	1.5	0.137	0.067	1380	1328	37.5	40.0	7500	9500
	53.975	19.368	20.168	14.288	1.5	1.5	0.137	0.082	1380	1329	37.5	40.0	7000	9500
	56.896	19.368	19.837	15.875	1.3	1.3	0.152	0.102	1755	1729	35.0	37.5	7000	9000
	57.150	22.225	22.225	17.462	0.8	1.5	0.183	0.106	1280	1220	45.0	47.0	6600	9000
22.606	47.000	15.500	15.500	12.000	1.5	1.0	0.086	0.046	LM 72849	LM 72810	23.3	27.0	7500	10500
23.812	50.292	14.224	14.732	10.668	1.5	1.3	0.097	0.039	L 44640	L 44610	24.6	29.0	6600	9500
	56.896	19.368	19.837	15.875	0.8	1.3	0143	0102	1779	1729	35.0	37.5	6600	9000
24.981	51.994	15.011	14.260	12.700	1.5	1.3	0.085	0.061	07098	07204	23.0	24.9	7000	9500
	52.001	15.011	14.260	12.700	1.5	2.0	0.085	0.061	07098	07205	23.0	24.9	7000	9500
	62.000	16.002	16.566	14.288	1.5	1.5	0.165	0.091	17098	17244	34.0	36.5	5800	8000
25.000	50.005	13.495	14.260	9.525	1.5	1.0	0.085	0.035	07097	07196	23.0	24.9	7000	9500

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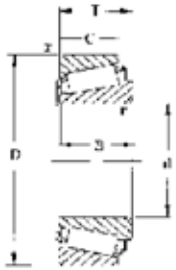

Principal dimensions(mm)							Weight(Kg)		Bearing Number		Basic Load Rating (kN)		Limiting Speed(rpm)	
d	D	T	B	C	r_{1min}	r_{smin}	Inner ring	Outer ring	Inner ring	Outer ring	DynamicCr	Static Cor	Grease	Oil
25.000	51.994	15.011	14.260	12.700	1.5	1.3	0.085	0.061	07097	07204	23.0	24.9	7000	9500
25.400	50.005	13.495	14.260	9.525	3.3	1.0	0.082	0.035	07100SA	07196	23.0	24.9	7000	9500
	50.005	13.495	14.260	9.525	1.0	1.0	0.084	0.035	07100	07196	23.0	24.9	7000	9500
	50.292	14.224	14.732	10.668	1.3	1.3	0.090	0.039	L 44643	L 44610	24.6	29.0	6600	9500
	57.150	17.462	17.462	13.495	1.3	1.5	0.151	0.070	15578	15520	36.5	42.5	6200	8500
	57.150	19.431	19.431	14.732	1.5	1.5	0.156	0.089	M 84548	M 84510	39.5	46.0	6200	8500
	59.530	23.368	23.114	18.288	0.8	1.5	0.194	0.13	M 84249	M 84210	47.0	55.0	5800	8500
	62.000	19.050	20.638	14.288	0.8	1.3	0.222	0.081	15101	15245	43.0	50.0	5500	7500
	63.500	20.638	20.638	15.875	3.5	1.5	0.22	0.113	15100	15250 X	43.0	50.0	5500	7500
	64.292	21.433	21.433	16.670	1.5	1.5	0.246	0.128	M 86643	M 86610	48.0	61.0	5100	7500
	65.088	22.225	21.463	15.875	1.5	1.5	0.214	0.142	23100	23256	42.0	44.5	5100	7500
	68.262	22.225	22.225	17.462	0.8	1.5	0.28	0.152	02473	02420	52.0	61.0	5100	7000
	72.233	25.400	25.400	19.842	0.8	2.3	0.398	0.188	HM 88630	HM 88610	60.5	80.5	4500	6600
	72.626	24.608	24.257	17.462	2.3	1.5	0.32	0.177	41100	41286	57.0	55.0	5100	7000
26.988	50.292	14.224	14.732	10.668	3.5	1.3	0.081	0.039	L 44649	L 44610	24.6	29.0	6600	9500
	57.150	19.845	19.355	15.875	3.3	1.5	0.152	0.077	1997 X	1922	37.0	41.5	6200	8500
	60.325	19.842	17.462	15.875	3.5	1.5	0.141	0.123	15580	15523	36.5	42.5	6200	8500
	62.000	19.050	20.638	14.288	0.8	1.3	0.211	0.081	15106	15245	43.0	50.0	5500	7500
28.575	57.150	19.845	19.355	15.875	3.5	1.5	0.141	0.077	1988	1922	37.0	41.5	6200	8500
	59.131	15.875	16.764	11.811	spec.	1.3	0.147	0.062	LM 67043	LM 67010	31.5	38.5	5800	8000
	62.000	19.050	20.638	14.288	3.5	1.3	0.199	0.081	15112	15245	43.0	50.0	5500	7500
	62.000	19.050	20.638	14.288	0.8	1.3	0.20	0.081	15113	15245	43.0	50.0	5500	7500
	64.292	21.433	21.433	16.670	1.5	1.5	0.223	0.128	M 86647	M 86610	48.0	61.5	5100	7500
	68.262	22.225	22.225	17.462	0.8	1.5	0.257	0.152	02474	02420	52.0	61.0	5100	7000
	72.626	24.608	24.257	17.462	4.8	1.5	0.292	0.177	41125	41286	57.0	55.0	5100	7000
	72.626	24.608	24.257	17.462	1.5	1.5	0.295	0.177	41126	41286	57.0	55.0	5100	7000
	73.025	22.225	22.225	17.462	0.8	3.3	0.321	0.16	02872	02820	51.5	61.5	4800	6600
29.000	50.292	14.224	14.732	10.668	3.5	1.3	0.079	0.036	L 45449	L 45410	23.8	31.0	6600	9000
30.000	62.000	16.002	16.566	14.288	1.5	1.5	0.136	0.091	17118	17244	34.0	36.5	5800	8000
	62.000	19.050	20.638	14.288	1.3	1.3	0.189	0.081	15117	15245	43.0	50.0	5500	7500
	63.500	20.638	20.638	15.875	1.3	1.3	0.189	0.113	15117	15250	43.0	50.0	5500	7500
	72.000	19.000	18.923	15.875	1.5	1.5	0.225	0.163	26118	26283	49.0	53.0	5100	7000
30.162	58.738	14.684	15.080	10.716	3.5	1.0	0.12	0.057	08118	08231	25.8	30.5	5500	7500

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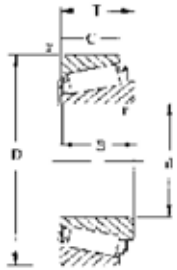

Principal dimensions(mm)							Weight(Kg)		Bearing Number		Basic Load Rating (kN)		Limiting Speed(rpm)	
d	D	T	B	C	r_{1min}	r_{smin}	Inner ring	Outer ring	Inner ring	Outer ring	DynamicCr	Static Cor	Grease	Oil
30.162	64.292	21.433	21.433	16.670	1.5	1.5	0.211	0.128	M 86649	M 86610	48.0	61.5	5100	7500
	68.262	22.225	22.225	17.462	2.3	1.5	0.263	0.146	M 88043	M 88010	52.5	67.5	4800	7000
	69.850	23.812	25.357	19.050	2.3	1.3	0.297	0.169	2558	2523	68.0	81.0	5100	7000
	69.850	23.812	25.357	19.050	0.8	1.3	0.298	0.169	2559	2523	68.0	81.0	5100	7000
	76.200	24.608	24.074	16.670	1.5	3.3	0.383	0.146	43118	43300	64.5	66.5	4500	6200
30.213	62.000	19.050	20.638	14.288	3.5	1.3	0.186	0.081	15118	15245	43.0	50.0	5500	7500
	62.000	19.050	20.638	14.288	0.8	1.3	0.188	0.081	15120	15245	43.0	50.0	5500	7500
	62.000	19.050	20.638	14.288	1.5	1.3	0.188	0.081	15119	15245	43.0	50.0	5500	7500
30.955	64.292	21.433	21.433	16.670	1.5	1.5	0.205	0.128	M 86648 A	M 86610	48.0	61.5	5100	7500
31.750	58.738	14.684	15.080	10.716	1.0	1.0	0.113	0.057	08125	08231	25.8	30.5	5500	7500
	59.131	15.875	16.764	11.811	spec.	1.3	0.127	0.062	LM 67048	LM 67010	31.5	38.5	5800	8000
	62.000	18.161	19.050	14.288	Spec.	1.3	0.165	0.081	15123	15245	43.0	50.0	5500	7500
	62.000	19.050	20.638	14.288	0.8	1.3	0.176	0.081	15126	15245	43.0	50.0	5500	7500
	62.000	19.050	20.638	14.288	3.5	1.3	0.174	0.081	15125	15245	43.0	50.0	5500	7500
	63.500	20.638	20.638	15.875	0.8	1.3	0.176	0.113	15126	15250	43.0	50.0	5500	7500
	68.262	22.225	22.225	17.462	3.5	1.5	0.229	0.152	02475	02420	52.0	61.0	5100	7000
	68.262	22.225	22.225	17.462	1.5	1.5	0.25	0.146	M 88046	M 88010	52.5	67.5	4800	7000
	69.012	19.845	19.583	15.875	3.5	1.3	0.219	0.135	14125A	14276	44.0	53.0	5100	7000
	69.012	26.982	26.721	15.875	4.3	3.3	0.289	0.132	14123 A	14274	44.0	53.0	5100	7000
	69.850	23.812	25.357	19.050	0.8	1.3	0.282	0.169	2580	2523	68.0	81.0	5100	7000
	69.850	23.812	25.357	19.050	3.5	1.3	0.28	0.169	2582	2523	68.0	81.0	5100	7000
	72.626	30.162	29.997	23.812	0.8	3.3	0.368	0.225	3188	3120	76.5	87.0	4800	7000
	73.025	29.370	27.783	23.020	1.3	3.3	0.379	0.242	HM 88542	HM 88510	71.0	97.0	4500	6600
	80.000	21.000	22.403	17.826	0.8	1.3	0.419	0.146	346	332	65.5	70.5	4000	5800
33.338	66.675	20.638	20.638	15.875	3.5	1.5	0.196	0.121	1680	1620	43.0	50.5	5100	7000
	68.262	22.225	22.225	17.462	0.8	1.5	0.236	0.146	M 88048	M 88010	52.5	67.5	4800	7000
	69.012	19.845	19.583	15.875	3.5	3.3	0.207	0.132	14130	14274	44.0	53.0	5100	7000
	69.012	19.845	19.583	15.875	0.8	1.3	0.209	0.135	14131	14276	44.0	53.0	5100	7000
	69.850	23.812	25.357	19.050	3.5	1.3	0.263	0.169	2585	2523	68.0	81.0	5100	7000
	72.000	19.000	18.923	15.875	3.5	1.5	0.20	0.163	26131	26283	49.0	53.0	5100	7000
	72.626	30.162	29.997	23.812	0.8	3.3	0.348	0.225	3197	3120	76.5	87.0	4800	7000
	73.025	29.370	27.783	23.020	0.8	3.3	0.362	0.242	HM 88547	HM 88510	71.0	97.0	4500	6600
	76.200	29.370	28.575	23.020	3.8	0.8	0.419	0.261	HM 89444	HM 89411	75.5	103.0	4300	6200

Bearings & Power Transmission Pty Ltd (Phone) 07 4636 0522 Email: sales&bpt.net.au (website) www.bpt.net.au
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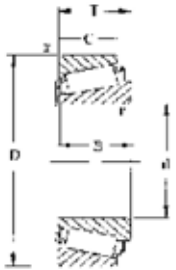
TAPERED ROLLER BEARINGS (INCH SERIES)



Principal dimensions(mm)							Weight(Kg)		Bearing Number		Basic Load Rating (kN)		Limiting Speed(rpm)	
d	D	T	B	C	r_{1min}	r_{3min}	Inner ring	Outer ring	Inner ring	Outer ring	DynamicCr	Static Cor	Grease	Oil
33.338	76.200	29.370	28.575	23.020	0.8	3.3	0.421	0.257	HM 89443	HM 89410	75.5	103.0	4300	6200
	79.375	25.400	24.074	17.462	3.5	1.5	0.348	0.22	43131	43312	64.5	66.5	4500	6200
34.925	65.088	18.034	18.288	13.970	spec.	1.3	0.172	0.087	LM 48548	LM 48510	44.5	54.5	5100	7000
	65.088	20.320	18.288	16.256	Spec.	1.3	0.172	0.108	LM 48548	LM 48511	44.5	54.5	5100	7000
	66.675	20.638	20.638	16.670	3.5	2.3	0.194	0.112	M 38549	M 38510	50.0	59.5	5100	7000
	69.012	19.845	19.583	15.875	3.5	1.3	0.194	0.135	14138 A	14276	44.0	53.0	5100	7000
	69.012	19.845	19.583	15.875	1.5	1.3	0.196	0.135	14137 A	14276	44.0	53.0	5100	7000
	72.233	25.400	25.400	19.842	2.3	2.3	0.307	0.188	HM 88649	HM 88610	60.5	80.5	4500	6600
	73.025	22.225	22.225	17.462	0.8	3.3	0.266	0.16	02878	02820	51.5	61.5	4800	6600
	73.025	22.225	23.812	17.462	3.5	3.3	0.291	0.15	2877	2820	60.5	74.0	4800	6600
	73.025	23.812	24.608	19.050	1.5	0.8	0.306	0.167	25877	25821	68.0	83.0	4800	6600
	73.025	23.812	24.608	19.050	3.5	2.3	0.304	0.165	25878	25820	68.0	83.0	4800	6600
	76.200	29.370	28.575	23.020	0.8	0.8	0.403	0.261	HM 89446 A	HM 89411	75.5	103.0	4300	6200
	76.200	29.370	28.575	23.020	3.5	0.8	0.40	0.261	HM 89446	HM 89411	75.5	103.0	4300	6200
	76.200	29.370	28.575	23.020	3.5	3.3	0.40	0.257	HM 89446	HM 89410	75.5	103.0	4300	6200
	76.200	29.370	28.575	23.812	1.5	3.3	0.404	0.235	31594	31520	77.5	93.0	4500	6200
	79.375	29.370	29.771	23.812	3.5	3.3	0.448	0.259	3478	3420	85.0	103.0	4300	6200
35.000	59.131	15.875	16.764	11.938	spec.	1.3	0.117	0.056	L 68149	L 68110	32.0	44.0	5500	7500
	59.975	15.875	16.764	11.938	Spec.	1.3	0.117	0.064	L 68149	L 68111	32.0	44.0	5500	7500
	62.000	16.700	17.000	13.600	Spec.	1.0	0.137	0.074	LM 78349	LM 78310	35.0	47.0	5100	7500
	62.000	16.700	17.000	13.600	Spec.	1.5	0.138	0.073	LM 78349	LM 78310A	35.0	47.0	5100	7500
	65.987	20.638	20.638	16.670	3.5	2.3	0.93	0.103	M 38547	M 38511	50.0	59.5	5100	7000
	73.025	26.988	26.975	22.225	3.5	0.8	0.309	0.212	23691	23621	72.5	85.5	4800	7000
35.717	72.233	25.400	25.400	19.842	3.5	2.3	0.298	0.188	HM 88648	HM 88610	60.5	80.5	4500	6600
36.487	73.025	23.812	24.608	19.050	1.5	0.8	0.91	0.167	25880	25821	68.0	83.0	4800	6600
36.512	76.200	29.370	28.575	23.020	3.5	3.3	0.38	0.257	HM 89449	HM 89410	75.5	103.0	4300	6200
	79.375	29.370	29.771	23.812	0.8	3.3	0.429	0.259	3479	3420	85.0	103.0	4300	6200
	88.501	25.400	23.698	17.462	2.3	1.5	0.502	0.245	44143	44348	70.0	78.0	3500	5100
	93.662	31.750	31.750	26.195	1.5	3.3	0.765	0.405	46143	46368	107.0	139.0	3500	5100
38.000	63.000	17.000	17.000	13.500	spec.	1.3	0.132	0.071	JL 69349	JL 69310	35.5	49.0	5100	7000
38.100	63.500	12.700	11.908	9.525	1.5	0.8	0.109	0.046	13889	13830	21.1	27.5	4800	6600
	65.088	18.034	18.288	13.970	2.3	1.3	0.16	0.079	LM 29749	LM 29710	39.5	52.0	4800	7000
	65.088	18.034	18.288	13.970	spec.	1.3	0.158	0.079	LM 29748	LM 29710	39.5	52.0	4800	7000

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TAPERED ROLLER BEARINGS (INCH SERIES)

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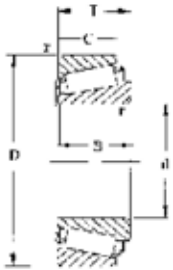

Principal dimensions(mm)							Weight(Kg)		Bearing Number		Basic Load Rating (kN)		Limiting Speed(rpm)	
d	D	T	B	C	r_{1min}	r_{3min}	Inner ring	Outer ring	Inner ring	Outer ring	DynamicCr	Static Cor	Grease	Oil
38.100	65.088	19.812	18.288	15.748	2.3	1.3	0.16	0.094	LM 29747	LM 29711	39.5	52.0	4800	7000
	68.262	15.875	16.520	11.908	1.5	1.5	0.173	0.073	19150	19268	42.0	50.5	4800	6600
	69.012	19.050	19.050	15.083	2.0	2.3	0.193	0.104	13687	13621	46.0	58.0	4800	6600
	69.012	19.050	19.050	15.083	3.5	0.8	0.191	0.105	13685	13620	46.0	58.0	4800	6600
	72.238	20.638	20.638	15.875	3.5	1.3	0.212	0.146	16150	16284	45.5	56.5	4800	6600
	73.025	23.812	25.654	19.050	3.5	0.8	0.312	0.135	2788	2735 X	70.5	88.0	4500	6200
	76.200	23.812	25.654	19.050	3.5	3.3	0.312	0.187	2788	2720	70.5	88.0	4500	6200
	76.200	23.812	25.654	19.050	3.5	0.8	0.312	0.191	2788	2729	70.5	88.0	4500	6200
	79.375	29.370	29.771	23.812	3.5	3.3	0.404	0.259	3490	3420	85.0	103.0	4300	6200
	80.035	24.608	23.698	18.512	0.8	1.5	0.362	0.209	27880	27820	66.0	81.5	4000	5800
	82.550	29.370	28.575	23.020	0.8	3.3	0.483	0.282	HM 801346	HM 801310	84.0	114.0	4000	5500
	88.501	25.400	23.698	17.462	2.3	1.5	0.484	0.245	44150	44348	70.0	78.0	3500	5100
	88.501	26.988	29.083	22.225	3.5	1.5	0.50	0.329	418	414	93.5	106.0	4000	5500
	95.250	30.958	28.301	20.638	1.5	0.8	0.665	0.365	53150	53375	84.5	94.0	3100	4800
39.688	73.025	25.654	22.098	21.336	0.8	2.3	0.266	0.169	M 201047	M 201011	59.5	77.0	4500	6200
	76.200	23.812	25.654	19.050	3.5	3.3	0.292	0.187	2789	2720	70.5	88.0	4500	6200
	80.167	29.370	30.391	23.812	0.8	3.3	0.442	0.217	3386	3320	89.5	105.0	4300	5800
41.000	68.000	17.500	18.000	13.500	spec.	1.5	0.16	0.082	LM 300849	LM 300811	40.5	55.0	4800	6600
41.275	73.025	16.667	17.462	12.700	3.5	1.5	0.199	0.086	18590	18520	41.5	51.0	4300	6200
	73.431	19.558	19.812	14.732	3.5	0.8	0.226	0.108	LM 501349	LM 501310	51.5	64.0	4300	6200
	73.431	21.430	19.812	16.604	3.5	0.8	0.226	0.120	LM 501349	LM 501314	51.5	64.0	4300	6200
	76.200	18.009	17.384	14.288	1.5	1.5	0.212	0.129	11162	11300	39.5	48.0	4000	5800
	76.200	22.225	23.020	17.462	3.5	0.8	0.279	0.15	24780	24720	63.0	79.0	4300	6200
	76.200	25.400	23.020	20.638	3.5	2.3	0.279	0.189	24780	24721	63.0	79.0	4300	6200
	79.375	23.812	25.400	19.050	3.5	0.8	0.349	0.186	26882	26822	74.0	95.5	4300	5800
	80.000	21.000	22.403	17.826	0.8	1.3	0.325	0.146	336	332	65.5	72.5	4000	5800
	80.000	21.000	22.403	17.826	3.5	1.3	0.323	0.146	342	332	65.5	72.5	4000	5800
	80.167	25.400	25.400	20.638	3.5	3.3	0.329	0.219	26882	26820	74.0	95.5	4300	5800
	82.550	26.543	25.654	20.193	3.5	3.3	0.406	0.23	M 802048	M 802011	75.0	99.0	3800	5500
	85.725	30.162	30.162	23.812	3.5	3.3	0.506	0.285	3877	3820	88.0	112.0	3800	5500
	87.312	30.162	30.886	23.812	0.8	3.3	0.532	0.304	3576	3525	93.0	117.0	3800	5500
	88.501	25.400	23.698	17.462	2.3	1.5	0.447	0.245	44162	44348	70.0	78.0	3500	5100
	88.900	30.162	29.370	23.020	3.5	3.3	0.579	0.322	HM 803146	HM 803110	93.5	126.0	3500	5100

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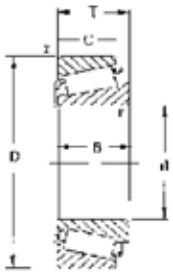

Principal dimensions (mm)							Weight(Kg)		Bearing Number		Basic Load Rating (kN)		Limiting Speed (rpm)	
d	D	T	B	C	r_{1min}	r_{smin}	Inner ring	Outer ring	Inner ring	Outer ring	Dynamic Cr	Static Cor	Grease	Oil
41.275	88.900	30.162	29.370	23.020	0.8	3.3	0.582	0.322	HM 803145	HM 803110	93.5	126.0	3500	5100
	90.488	39.688	40.386	33.338	3.5	3.3	0.789	0.459	4388	4335	136.0	177.0	3800	5100
	93.662	31.750	31.750	26.195	0.8	3.3	0.695	0.405	46162	46368	107.0	139.0	3500	5100
	95.250	30.162	29.370	23020	3.5	3.3	0.726	0.354	HM 804840	HM 804810	103.0	140.0	3300	4800
	98.425	30.958	28.301	20.638	1.5	0.8	0.618	0.442	53162	53387	84.5	94.0	3100	4800
42.862	76.992	17.462	17.145	11.908	1.5	1.5	0.228	0.098	12168	12303	41.0	51.0	4000	5500
	82.550	19.842	19.837	15.080	2.3	1.5	0.283	0.176	22168	22325	55.5	66.0	4000	5800
	82.931	23.812	25.400	19.050	2.3	0.8	0.383	0.203	25578	25520	73.5	96.0	4000	5500
	82.931	26.988	25.400	22.225	2.3	2.3	0.383	0.248	25578	25523	73.5	96.0	4000	5500
42.875	76.200	25.400	25.400	20.638	3.5	1.5	0.337	0.136	26884	26823	74.0	95.5	4300	5800
	80.000	21.000	22.403	17.826	3.5	1.3	0.305	0.146	342 S	332	65.5	72.5	4000	5800
	82.931	26.988	25.400	22.225	3.5	2.3	0.381	0.248	25577	25523	73.5	96.0	4000	5500
	83.058	23.812	25.400	19.050	3.5	3.3	0.381	0.201	25577	25521	73.5	96.0	4000	5500
44.450	80.962	19.050	17.462	14.288	0.3	1.5	0.252	0.144	13175	13318	42.0	54.0	3800	5500
	82.931	23.812	25.400	19.050	3.5	0.8	0.359	0.203	25580	25520	73.5	96.0	4000	5500
	83.058	23.812	25.400	19.050	3.5	3.3	0.359	0.201	25580	25521	73.5	96.0	4000	5500
	87.321	30.162	30.886	23.812	3.5	3.3	0.477	0.304	3578	3525	93.0	117.0	3800	5500
	88.900	30.162	29.370	23.020	3.5	3.3	0.528	0.322	HM 803149	HM 803110	93.5	126.0	3500	5100
	93.264	30.162	30.302	23.812	3.5	3.2	0.678	0.292	3782	3720	100.0	133.0	3300	4800
	93.662	31.750	31.750	25.400	0.8	3.3	0.648	0.371	49176	49368	117.0	144.0	3500	5100
	93.662	31.750	31.750	25.400	3.5	3.3	0.645	0.371	49175	49368	117.0	144.0	3500	5100
	93.662	31.750	31.750	26.195	3.5	3.3	0.625	0.405	46176	46368	107.0	139.0	3500	5100
	95.250	27.783	29.901	22.225	3.5	2.3	0.555	0.384	438	432	103.0	123.0	3800	5100
	95.250	30.162	29.370	23.020	3.5	3.3	0.677	0.354	HM 804843	HM 804810	103.0	140.0	3300	4700
	95.250	30.958	28.301	20.638	3.5	0.8	0.572	0.365	53177	53375	84.5	94.0	3100	4700
	95.250	30.958	28.301	20.638	1.3	0.8	0.574	0.365	53176	53375	84.5	94.0	3100	4700
	95.250	30.958	28.301	20.638	2.0	0.8	0.574	0.365	53178	53375	84.5	94.0	3100	4700
	95.250	30.958	28.301	22.225	1.3	0.8	0.651	0.389	HM 903247	HM 903210	97.0	119.0	3100	4500
	95.250	30.958	28.575	22.225	3.5	0.8	0.635	0.389	HM 903249	HM 903210	97.0	119.0	3100	4500
	98.425	30.958	28.301	20.638	3.5	0.8	0.568	0.442	53177	53387	84.5	94.0	3100	4700
	103.188	43.658	44.475	36.512	1.3	3.3	1.230	0.637	5356	5335	175.0	235.0	3300	4500
	104.775	36.512	36.512	28.575	3.5	3.3	1.140	0.502	HM 807040	HM 807010	136.0	189.0	2900	4300
	107.950	27.783	29.317	22.225	3.5	0.8	0.930	0.420	460	453 A	113.0	146.0	2900	4300

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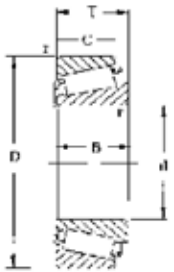

Principal dimensions (mm)							Weight(Kg)		Bearing Number		Basic Load Rating (kN)		Limiting Speed (rpm)	
d	D	T	B	C	r_{1min}	r_{smin}	Inner ring	Outer ring	Inner ring	Outer ring	Dynamic Cr	Static Cor	Grease	Oil
44.450	111.125	30.162	26.909	20.638	3.5	3.3	0.867	0.514	55175	55437	89.5	107.0	2700	3800
	114.300	44.450	44.450	34.925	3.5	3.3	1.390	0.894	65385	65320	169.0	202.0	3100	4300
45.230	79.985	19.842	20.638	15.080	2.0	1.3	0.274	0.136	17887	17831	59.0	75.5	4000	5500
45.618	82.931	23.812	25.400	19.050	3.5	0.8	0.343	0.203	25590	25520	73.5	96.0	4000	5500
	82.931	26.988	25.400	22.225	3.5	2.3	0.343	0.248	25590	25523	73.5	96.0	4000	5500
46.000	75.000	18.000	18.000	14.000	2.3	1.5	0.209	0.096	LM 503349	LM 503310	48.0	68.5	4000	5800
46.038	79.375	17.462	17.462	13.495	2.8	1.5	0.211	0.126	18690	18620	43.0	54.0	4000	5500
	80.962	19.050	17.462	14.288	0.8	1.5	0.236	0.144	13181	13318	42.0	54.0	3800	5500
	85.000	20.638	21.692	17.462	2.3	1.3	0.343	0.162	359 S	354 A	68.5	78.5	3800	5500
	85.000	25.400	25.608	20.638	3.5	1.3	0.397	0.223	2984	2924	76.5	102.0	3800	5500
	95.250	27.783	29.901	22.225	3.5	0.8	0.536	0.381	436	432 A	103.0	123.0	3800	5100
47.625	88.900	20.638	22.225	16.513	3.5	1.3	0.381	0.166	369 A	362 A	70.0	82.0	3500	5100
	88.900	25.400	25.400	19.050	3.5	3.3	0.455	0.218	M 804049	M 804010	83.0	104.0	3500	5100
	95.250	30.162	29.370	23.020	3.5	3.3	0.626	0.354	HM 804846	HM 804810	103.0	140.0	3300	4800
	101.600	34.925	36.068	26.988	3.5	3.3	0.894	0.416	528	522	134.0	166.0	3300	4500
	111.125	30.162	26.909	20.638	3.5	3.3	0.817	0.514	55187	55437	89.5	107.0	2700	3800
	112.712	30.162	26.909	20.638	3.5	3.3	0.817	0.554	55187	55443	89.5	107.0	2700	3800
	117.475	33.338	31.750	23.812	3.5	3.3	1.190	0.552	66187	66462	134.0	153.0	2700	3800
	123.825	36.512	32.791	25.400	3.5	3.3	1.290	0.790	72187	72487	140.0	157.0	2500	3500
50.000	82.000	21.500	21.500	17.000	3.0	0.5	0.306	0.129	JLM 104948	JLM 104910	68.0	93.0	3800	5100
	82.550	21.590	22.225	16.510	0.5	1.3	0.316	0.133	LM 104947 A	LM 104911	68.0	93.0	3800	5100
	88.900	20.638	22.225	16.513	2.3	1.3	0.351	0.166	366	362 A	70.0	82.0	3500	5100
	90.000	28.000	28.000	23.000	3.0	2.5	0.507	0.246	JM 205149	JM 205110	101.0	133.0	3500	5100
	105.000	37.000	36.000	29.000	3.0	2.5	1.010	0.523	JHM 807045	JHM 807012	136.0	189.0	2900	4300
50.800	80.962	18.258	18.258	14.288	1.5	1.5	0.239	0.119	L 305649	L 305610	50.0	78.0	3800	5100
	82.550	23.622	22.225	18.542	3.5	0.8	0.303	0.156	LM 104949	LM 104911 A	68.0	93.0	3800	5100
	82.931	21.590	22.225	16.510	3.5	1.3	0.301	0.140	LM 104949	LM 104912	68.0	93.0	3800	5100
	85.000	17.462	17.462	13.495	3.5	1.5	0.239	0.136	18790	18720	45.5	60.0	3800	5100
	85.725	19.050	18.263	12.700	1.5	1.5	0.268	0.136	18200	18337	39.5	51.0	3500	4800
	88.900	20.638	22.225	16.513	3.5	1.3	0.338	0.166	368 A	362 A	70.0	82.0	3500	5100
	88.900	20.638	22.225	16.513	1.5	1.3	0.341	0.166	368	362 A	70.0	82.0	3500	5100
	92.075	24.608	25.400	19.845	3.5	0.8	0.460	0.247	28580	28521	81.0	114.0	3500	4800
	93.264	30.162	30.302	23.812	0.8	0.8	0.568	0.297	3775	3730	100.0	133.0	3300	5100

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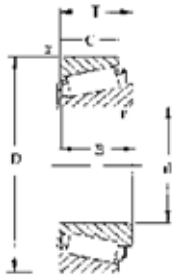
TAPERED ROLLER BEARINGS (INCH SERIES)



Principal dimensions(mm)							Weight(Kg)		Bearing Number		Basic Load Rating (kN)		Limiting Speed(rpm)	
d	D	T	B	C	r_{1min}	r_{smin}	Inner ring	Outer ring	Inner ring	Outer ring	DynamicCr	Static Cor	Grease	Oil
50.800	93.264	30.126	30.302	23.812	3.5	0.8	0.564	0.297	3780	3730	100.0	133	3300	4800
	95.250	27.783	28.575	22.225	3.5	2.3	0.601	0.267	33889	33821	107.0	141	3300	4500
	101.600	31.750	31.750	25.400	3.5	3.3	0.744	0.389	49585	49520	115.0	147	3100	4500
	101.600	34.925	36.068	26.988	0.8	3.3	0.822	0.416	529	522	134.0	166	3300	4500
	101.600	34.925	36.068	26.988	3.5	3.3	0.819	0.416	529 X	522	134.0	166	3300	4500
	104.775	36.512	36.512	28.575	3.5	0.8	0.992	0.508	HM 807046	HM 807011	136.0	189	2900	4300
	104.775	36.512	36.512	28.575	3.5	3.3	0.993	0.502	HM 807046	HM 807010	136.0	189	2900	4300
	108.966	34.925	36.512	26.988	3.5	3.3	0.943	0.594	59200	59429	142.0	178	3100	4300
	111.125	30.162	26.909	20.638	3.5	3.3	0.845	0.514	55200 C	55437	110.0	149	2500	3800
	111.125	30.162	26.909	20.638	3.5	3.3	0.767	0.514	55200	55437	89.5	107	2700	3800
	123.825	36.512	32.791	25.400	3.5	3.3	1.330	0.790	72200 C	72487	159.0	196	2300	3500
	123.825	36.512	32.791	25.400	3.5	3.3	1.220	0.790	72200	72487	140.0	157	2500	3500
	127.000	44.450	44.450	34.925	3.5	3.3	1.860	1.030	65200	65500	196.0	255	2500	3500
	127.000	50.800	52.388	41.275	3.5	3.3	2.080	1.220	6279	6220	233.0	297	2700	3800
52.388	92.075	24.608	25.400	19.845	3.5	0.8	0.435	0.247	28584	28521	81.5	114	3500	4800
	100.000	25.000	22.225	21.824	2.3	2.0	0.392	0.435	377	372	74.0	90	3300	4800
	111.125	30.162	26.909	20.638	3.5	3.3	0.737	0.514	55206	55437	89.5	107	2700	3800
53.975	104.775	39.688	40.157	33.338	3.5	3.3	0.972	0.583	4595	4535	147.0	207	3100	4300
	107.950	36.512	36.957	28.575	3.5	3.3	0.880	0.570	539	532 X	141.0	179	3100	4300
	122.238	33.338	31.750	23.812	3.5	3.3	1.200	0.558	66584	66520	132.0	153	2500	3500
	123.825	36.512	32.791	25.400	3.5	3.3	1.160	0.790	72212	72487	140.0	157	2500	3500
	123.825	36.512	32.791	25.400	3.5	3.3	1.270	0.790	72212 C	72487	159.0	196	2300	3500
	123.825	38.100	36.678	30.162	3.5	3.3	1.490	0.764	557 S	552 A	158.0	218	2500	3500
	127.000	44.450	44.450	34.925	3.5	3.3	1.760	1.030	65212	65500	196.0	255	2500	3500
	127.000	50.800	52.388	41.275	3.5	3.3	1.970	1.220	6280	6220	233.0	297	2700	3800
	130.175	36.512	33.338	23.812	3.5	3.3	1.450	0.725	HM 911242	HM 911210	130.0	151	2100	3100
55.000	90.000	23.000	23.000	18.500	1.5	0.5	0.378	0.186	JLM 506849	JLM 506810	76.0	108	3300	4800
	95.000	29.000	29.000	23.500	1.5	2.5	0.590	0.260	JM 207049	JM 207010	108.0	149	3300	4500
	96.838	21.000	21.946	15.875	2.3	0.8	0.455	0.179	385	382 A	77.5	97	3100	4500
	110.000	39.000	39.000	32.000	3.0	2.5	1.130	0.567	JH 307749	JH 307710	174.0	222	2900	4000
	115.000	41.021	41.275	31.496	3.0	3.0	1.300	0.597	622 X	614 X	169.0	211	2700	4000
55.562	97.630	24.608	24.608	19.446	3.5	0.8	0.499	0.270	28680	28622	86.0	126	3100	4500
	122.238	43.658	43.764	36.512	1.3	3.3	1.760	0.815	5566	5535	195.0	289	2500	3500

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TAPERED ROLLER BEARINGS (INCH SERIES)

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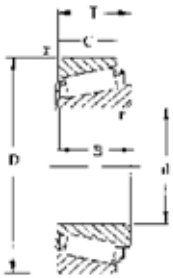

Principal dimensions(mm)							Weight(Kg)		Bearing Number		Basic Load Rating (kN)		Limiting Speed(rpm)	
d	D	T	B	C	r_{1min}	r_{smin}	Inner ring	Outer ring	Inner ring	Outer ring	DynamicCr	Static Cor	Grease	Oil
55.562	123.825	36.512	32.791	25.400	3.5	3.3	1.120	0.790	72218	72487	140.0	157	2500	3500
	123.825	36.512	32.791	25.400	3.5	3.3	1.230	0.790	72218 C	72487	159.0	196	2300	3500
57.150	96.838	21.000	21.946	15.875	3.5	0.8	0.420	0.179	387 A	382 A	77.5	97	3100	4500
	96.838	21.000	21.946	15.875	2.3	0.8	0.423	0.179	387	382 A	77.5	97	3100	4500
	96.838	25.400	21.946	20.275	3.5	2.3	0.420	0.249	387 A	382 S	77.5	97	3100	4500
	98.425	21.000	21.946	17.826	3.5	0.8	0.420	0.226	387 A	382	77.5	97	3100	4500
	104.775	30.162	29.317	24.605	3.5	3.3	0.692	0.376	469	453 X	113.0	146	2900	4300
	104.775	30.162	29.317	24.605	2.3	3.3	0.694	0.376	462	453 X	113.0	146	2900	4300
	104.775	30.162	30.958	23.812	0.8	3.3	0.752	0.347	45289	45220	127.0	167	2900	4300
	104.775	30.162	30.958	23.812	0.8	0.8	0.760	0.350	45289	45221	127.0	167	2900	4300
	122.238	33.338	31.750	23.812	3.5	3.3	1.140	0.558	66587	66520	132.0	153	2500	3500
	123.825	36.512	32.791	25.400	3.5	3.3	1.190	0.790	72225 C	72487	159.0	196	2300	3500
	123.825	38.100	36.678	30.162	3.5	3.3	1.410	0.764	555 S	552 A	158.0	218	2500	3100
	140.030	36.512	33.236	23.520	3.5	2.3	1.670	0.926	78225	78551	149.0	180	2100	3100
	144.983	36.000	33.236	23.007	3.5	3.5	1.680	1.080	78225	78571	149.0	180	2100	3100
	149.225	53.975	54.229	44.450	3.5	3.3	3.490	1.630	6455	6420	284.0	407	2100	2900
60.325	100.000	25.400	25.400	19.845	3.5	3.3	0.538	0.232	28985	28921	88.0	132	2900	4300
	101.600	25.400	25.400	19.845	3.5	3.3	0.538	0.272	28985	28920	88.0	132	2900	4300
	122.238	38.100	36.678	30.162	2.3	3.3	1.330	0.692	558	553 X	158.0	218	2500	3500
	122.238	38.100	38.354	29.718	8.0	1.5	1.430	0.604	HM 212044	HM 212010	185.0	242	2500	3500
	122.238	43.658	43.764	36.512	0.8	3.3	1.610	0.815	5582	5535	195.0	289	2500	3500
	127.000	44.450	44.450	34.925	3.5	3.3	1.560	1.030	65237	65500	196.0	255	2500	3500
	130.175	41.275	41.275	31.750	3.5	3.3	1.870	0.712	637	633	192.0	260	2300	3300
	135.755	53.975	56.007	44.450	3.5	3.3	2.450	1.390	6376	6320	261.0	352	2300	3300
61.912	136.525	46.038	46.038	36.512	3.5	3.3	2.510	0.961	H 715334	H 715311	230.0	367	2100	2900
	146.050	41.275	39.688	25.400	3.5	3.3	2.200	0.898	H 913842	H 913810	190.0	222	1900	2900
	152.400	47.625	46.038	31.750	3.5	3.3	2.770	1.210	9180	9121	234.0	264	1900	2900
63.500	94.458	19.050	19.050	15.083	1.5	1.5	0.306	0.154	L 610549	L 610510	56.0	97	3100	4300
	104.775	21.433	22.000	15.875	2.0	2.0	0.501	0.186	39250	39412	80.5	104	2900	4000
	107.950	25.400	25.400	19.050	1.5	3.3	0.661	0.281	29586	29520	87.0	135	2700	3800
	110.000	22.000	21.996	18.824	3.5	1.3	0.580	0.263	395	394 A	82.5	110	2700	3800
	110.000	22.000	21.966	18.824	1.5	1.3	0.583	0.263	390 A	394 A	82.5	110	2700	3800
	112.712	30.162	30.048	23.812	3.5	3.2	0.789	0.454	3982	3920	117.0	170	2700	3800

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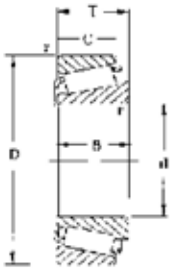

Principal dimensions (mm)							Weight(Kg)		Bearing Number		Basic Load Rating (kN)		Limiting Speed (rpm)	
d	D	T	B	C	r_{1min}	r_{smin}	Inner ring	Outer ring	Inner ring	Outer ring	DynamicCr	Static Cor	Grease	Oil
63.500	112.712	30.162	30.162	23.812	3.5	3.3	0.899	0.359	39585	39520	139	199	2700	3800
	112.712	33.338	30.048	26.988	3.5	3.3	0.789	0.541	3982	3926	117	170	2700	3800
	122.238	38.100	38.354	29.718	7.0	3.3	1.340	0.598	HM 212047	HM 212011	185	242	2500	3800
	122.238	38.100	38.354	29.718	7.0	1.5	1.340	0.604	HM 212047	HM 212010	185	242	2500	3500
	122.238	38.100	38.354	29.718	3.5	1.5	1.350	0.604	HM 212046	HM 212010	185	242	2500	3500
	122.238	43.658	43.764	36.512	3.5	3.3	1.500	0.815	5584	5535	195	289	2500	3500
	123.825	38.100	36.678	30.162	3.5	3.3	1.230	0.764	559	552 A	158	218	2500	3500
	127.00	36.512	36.170	28.575	3.5	3.3	1.460	0.655	565	563	163	231	2300	3300
	130.175	41.275	41.275	31.750	3.5	3.3	1.770	0.712	639	633	192	260	2300	3300
	136.525	36.512	33.236	23.520	2.3	3.3	1.510	0.782	78250	78537	149	180	2100	3100
	136.525	41.275	41.275	31.750	3.5	3.3	1.770	1.040	639	632	192	260	2300	3300
	140.030	36.512	33.236	23.520	2.3	2.3	1.510	0.926	78250	78551	149	180	2100	3100
65.088	135.755	53.975	56.007	44.450	3.5	3.3	2.250	1.390	6379	6320	261	352	2300	3300
	136.525	46.038	46.038	36.512	3.5	3.3	2.400	0.961	H 715340	H 715311	230	367	2100	2900
66.675	110.000	22.000	21.996	18.824	0.8	1.3	0.528	0.263	395 A	394 A	82.5	110	2700	3800
	110.000	22.000	21.996	18.824	3.5	1.3	0.524	0.263	395 S	394 A	82.5	110	2700	3800
	112.712	30.162	30.048	23.812	3.5	3.2	0.712	0.454	3984	3920	117	170	2700	3800
	112.712	30.162	30.048	23.812	5.5	3.2	0.706	0.454	3994	3920	117	170	2700	3800
	112.712	30.162	30.162	23.812	3.5	0.8	0.822	0.365	39590	39521	139	199	2700	3800
	112.712	30.162	30.162	23.812	3.5	3.3	0.822	0.359	39590	39520	139	199	2700	3800
	117.475	30.162	30.162	23.812	3.5	3.3	0.911	0.442	33262	33462	116	176	2500	3500
	122.238	38.100	36.678	30.162	3.5	3.3	1.140	0.692	560	553 X	158	218	2500	3500
	122.238	38.100	38.354	29.718	3.5	1.5	1.250	0.604	HM 212049	HM 212010	185	242	2500	3500
	122.238	38.100	38.354	29.718	3.5	3.3	1.250	0.598	HM 212049	HM 212011	185	242	2500	3500
	123.825	38.100	36.678	30.162	3.5	3.3	1.140	0.764	560	552 A	158	218	2500	3500
	136.525	46.038	46.038	36.512	3.5	3.3	2.340	0.961	H 715341	H 715311	230	367	2100	2900
69.850	112.712	22.225	21.996	15.875	1.5	0.8	0.562	0.238	LM 613449	LM 613410	82	110	2500	3500
	112.712	25.400	25.400	19.050	1.5	3.3	0.695	0.273	29675	29620	93	149	2300	3500
	117.475	30.162	30.162	23.812	3.5	3.3	0.830	0.442	33275	33462	116	176	2500	3500
	120.000	32.545	32.545	26.195	3.5	3.3	1.020	0.477	47487	47420	149	222	2500	3500
	120.650	25.400	25.400	19.050	1.5	3.3	0.695	0.489	29675	29630	93	149	2300	3500
	127.000	36.512	36.170	28.575	3.5	0.8	1.270	0.658	566	563 X	163	231	2300	3300
	130.175	41.275	41.275	31.750	3.5	3.3	1.560	0.712	643	633	192	260	2300	3300

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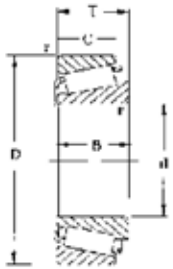

Principal dimensions (mm)							Weight(Kg)		Bearing Number		Basic Load Rating (kN)		Limiting Speed (rpm)	
d	D	T	B	C	r_{1min}	r_{smin}	Inner ring	Outer ring	Inner ring	Outer ring	DynamicCr	Static Cor	Grease	Oil
69.850	146.050	41.275	39.688	25.400	3.5	3.3	1.950	0.898	H 913849	H 913810	190	222	1900	2900
	146.050	41.275	41.275	31.750	3.5	3.3	2.350	0.891	655	653	204	293	1900	2700
	149.225	53.975	54.229	44.450	5.0	3.3	2.950	1.630	6454	6420	284	407	2100	2900
	150.089	44.450	46.672	36.512	3.5	3.3	2.820	1.070	745 A	742	262	367	1900	2700
70.000	110.000	26.000	25.000	20.500	1.0	2.5	0.604	0.304	JLM 813049	JLM 813010	95	149	2500	3500
	115.000	29.000	29.000	23.000	3.0	2.5	0.800	0.362	JM 612949	JM 612910	123	174	2500	3500
	120.000	29.795	29.007	24.237	2.0	2.0	0.822	0.493	484	472	120	166	2500	3500
71.438	117.475	30.162	30.162	23.812	3.5	3.3	0.789	0.442	33281	33462	116	176	2500	3500
	120.000	32.545	32.545	26.195	3.5	3.3	0.983	0.477	47490	47420	149	222	2500	3500
	127.000	36.512	36.170	28.575	6.4	3.3	1.210	0.655	567 S	563	163	231	2300	3300
	127.000	36.512	36.170	28.575	3.5	3.3	1.230	0.655	567 A	563	163	231	2300	3300
	130.175	41.275	41.275	31.750	6.4	3.3	1.490	0.712	645	633	192	260	2300	3300
	136.525	41.275	41.275	31.750	3.5	3.3	1.500	1.040	644	632	192	260	2300	3300
	136.525	41.275	41.275	31.750	3.5	3.3	1.830	0.796	H 414249	H 414210	226	294	2100	3100
	136.525	46.038	46.038	36.512	3.5	3.3	2.150	0.961	H 715345	H 715311	230	367	2100	2900
73.025	112.712	25.400	25.400	19.050	3.5	3.3	0.620	0.273	29685	29620	93	149	2300	3500
	117.475	30.162	30.162	23.812	3.5	3.3	0.746	0.442	33287	33462	116	176	2500	3500
	127.000	36.512	36.170	28.575	3.5	3.3	1.170	0.655	567	563	163	231	2300	3300
	146.050	41.275	41.275	31.750	3.5	3.3	2.240	0.891	657	653	204	293	1900	2700
	149.225	53.975	54.229	44.450	3.5	3.3	2.800	1.630	6460	6420	284	407	2100	2900
75.000	115.000	25.000	25.000	19.000	3.0	2.5	0.638	0.272	JLM 714149	JLM 714110	98	147	2500	3500
	120.000	31.000	29.500	25.000	3.0	2.5	0.863	0.436	JM 714249	JM 714210	126	195	2300	3300
	145.000	51.000	51.000	42.000	3.0	2.5	2.640	1.190	JH 415647	JH 415610	284	407	2100	2900
76.200	121.442	24.608	23.012	17.462	2.0	2.0	0.650	0.316	34300	34478	86	121	2300	3300
	127.000	30.162	31.000	22.225	3.5	3.3	1.030	0.438	42687	42620	131	192	2300	3300
	127.000	30.162	31.001	22.225	6.4	3.3	1.010	0.438	42688	42620	131	192	2300	3300
	133.350	33.338	33.338	26.195	0.8	3.3	1.390	0.577	47680	47620	151	234	2100	3100
	135.732	44.450	46.101	34.925	3.5	3.3	1.860	0.887	5760	5735	213	337	2100	3100
	136.525	30.162	29.769	22.225	3.5	3.3	1.270	0.550	495 A	493	127	189	2100	2900
	136.525	30.162	29.769	22.225	6.4	3.3	1.260	0.550	495 AX	493	127	189	2100	2900
	139.992	36.512	36.098	28.575	3.5	3.3	1.610	0.788	575	572	172	257	2100	2900
	149.225	53.975	54.229	44.450	3.5	3.3	2.640	1.630	6461	6420	284	407	2100	2900
	152.400	39.688	36.322	30.162	3.5	3..2	2.200	1.060	590 A	592 A	180	282	1700	2700

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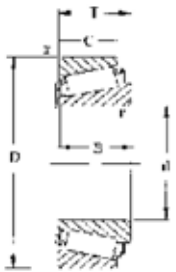
TAPERED ROLLER BEARINGS (INCH SERIES)



Principal dimensions(mm)							Weight(Kg)		Bearing Number		Basic Load Rating (kN)		Limiting Speed(rpm)	
d	D	T	B	C	r_{1min}	r_{3min}	Inner ring	Outer ring	Inner ring	Outer ring	DynamicCr	Static Cor	Grease	Oil
76.200	152.400	41.275	41.275	31.750	3.5	3.3	2.110	1.260	659	652	204	293	1900	2700
	161.925	49.212	46.038	31.750	3.5	3.3	2.820	1.400	9285	9220	245	287	1700	25000
	161.925	53.975	55.100	42.862	3.5	3.3	3.740	1.670	6576	6535	322	477	1700	2500
	161.925	53.975	55.100	42.862	6.4	3.3	3.730	1.670	6575	6535	322	477	1700	2500
	161.925	53.975	55.100	42.862	6.4	0.8	3.730	1.680	6575	6536	322	477	1700	2500
	168.275	53.975	56.363	41.275	6.4	3.3	4.110	1.740	843	832	342	467	1700	2500
	168.275	53.975	56.363	41.275	0.8	3.3	4.130	1.740	837	832	342	467	1700	2500
	171.450	49.212	46.038	31.750	3.5	3.3	3.470	1.510	9380	9321	254	307	1500	2300
	177.800	55.562	50.800	34.925	3.5	3.3	3.710	2.240	9378	9320	254	307	1500	2300
77.788	121.442	24.608	23.012	17.462	3.5	2.0	0.612	0.316	34306	34478	86	121	2300	3300
	127.000	30.162	31.000	22.225	3.5	3.3	0.976	0.438	42690	42620	131	192	2300	3300
	135.733	44.450	46.101	34.925	3.5	3.3	1.790	0.887	5795	5735	213	337	2100	3100
80.962	136.525	30.162	29.769	22.225	3.5	3.3	1.130	0.550	496	493	127	189	2100	2900
	139.700	36.512	36.098	28.575	3.5	3.3	1.440	0.774	581	572 X	172	257	2100	2900
	139.992	36.512	36.098	28.575	3.5	3.3	1.440	0.788	581	572	172	257	2100	2900
82.550	125.412	25.400	25.400	19.845	3.5	1.5	0.747	0.348	27687	27620	99	161	2100	3100
	133.350	30.162	29.769	22.225	3.5	3.3	1.080	0.434	495	492 A	127	189	2100	2900
	133.350	33.338	33.338	26.195	3.5	3.3	1.180	0.577	47686	47620	151	234	2100	3100
	133.350	33.338	33.338	26.195	0.8	3.3	1.180	0.577	47685	47620	151	234	2100	3100
	133.350	33.338	33.338	26.195	6.8	3.3	1.160	0.577	47687	47620	151	234	2100	3100
	133.350	39.688	39.688	32.545	6.8	3.3	1.350	0.767	HM 516448	HM 516410	176	307	2100	3100
	136.525	30.162	29.769	22.225	3.5	3.3	1.080	0.550	495	493	127	189	2100	2900
	139.700	36.512	36.098	28.575	3.5	3.3	1.390	0.774	580	572 X	172	257	2100	2900
	139.992	36.512	36.098	28.575	3.5	3.3	1.390	0.788	580	572	172	257	2100	2900
	139.992	36.512	36.098	28.575	6.8	3.3	1.370	0.788	582	572	172	257	2100	2900
	146.050	41.275	41.275	31.750	3.5	3.3	1.850	0.891	663	653	204	293	1900	2700
	150.000	44.455	46.672	35.000	3.5	3.3	2.260	1.040	749 A	743	262	367	1900	2700
	150.089	44.450	46.672	36.512	3.5	3.3	2.260	1.070	749 A	742	262	367	1900	2700
	152.400	41.275	41.275	31.750	3.5	3.3	1.850	1.260	663	652	204	293	1900	2700
	161.925	47.625	48.260	38.100	3.5	3.3	2.790	1.610	757	752	271	387	1700	2500
	161.925	53.975	55.100	42.862	3.5	3.3	3.400	1.670	6559	6535	322	477	1700	2500
	168.275	47.625	48.260	38.100	3.5	3.3	2.790	2.100	757	753	271	387	1700	2500
	168.275	53.975	56.363	41.275	3.5	3.3	3.760	1.740	842	832	342	467	1700	2500

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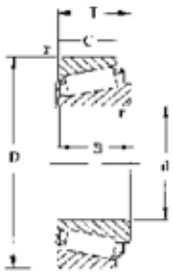

Principal dimensions(mm)							Weight(Kg)		Bearing Number		Basic Load Rating (kN)		Limiting Speed(rpm)	
d	D	T	B	C	r_{1min}	r_{3min}	Inner ring	Outer ring	Inner ring	Outer ring	DynamicCr	Static Cor	Grease	Oil
85.026	150.089	44.450	46.672	36.512	3.5	3.3	2.14	1.070	749	742	262	367	1900	2700
	150.089	44.450	46.672	36.512	5.0	3.3	2.14	1.070	749 S	742	262	367	1900	2700
85.725	133.350	30.162	29.769	22.225	3.5	3.3	0.98	0.434	497	492 A	127	189	2100	2900
	136.525	30.162	29.769	22.225	3.5	3.3	0.98	0.550	497	493	127	189	2100	2900
	142.138	42.862	42.862	34.133	4.8	3.3	1.77	0.911	HM 617049	HM 617010	218	357	1900	2900
	146.050	41.275	41.275	31.750	6.4	3.3	1.71	0.891	665 A	653	204	293	1900	2700
	146.050	41.275	41.275	31.750	3.5	3.3	1.72	0.891	665	653	204	293	1900	2700
	152.400	39.688	36.322	30.162	3.5	3.2	1.85	1.060	596	592 A	180	282	1700	2700
	161.925	47.625	48.260	38.100	3.5	3.3	2.63	1.610	758	752	271	387	1700	2500
	168.275	41.275	41.275	30.162	3.5	3.3	2.91	1.240	677	672	220	342	1500	2300
88.900	149.225	31.750	28.971	24.608	3.0	3.3	1.39	0.711	42350	42587	137	215	1700	2500
	152.400	39.688	36.322	30.162	3.5	3.2	1.73	1.060	593	592 A	180	282	1700	2700
	152.400	39.688	39.688	30.162	6.4	3.3	2.11	0.776	HM 518445	HM 518410	250	362	1700	2700
	161.925	47.625	48.260	38.100	3.5	3.3	2.47	1.610	759	752	271	387	1700	2500
	161.925	47.625	48.260	38.100	7.0	3.3	2.45	1.610	766	752	271	387	1700	2500
	161.925	53.975	55.100	42.862	3.5	3.3	3.03	1.670	6580	6535	322	477	1700	2500
	168.275	47.625	48.260	38.100	3.5	3.3	2.47	2.100	759	753	271	387	1700	2500
	168.275	53.975	56.363	41.275	3.5	3.3	3.39	1.740	850	832	342	467	1700	2500
	190.500	57.150	57.531	44.450	8.0	3.3	4.99	2.550	855	854	352	497	1400	2100
	190.500	57.150	57.531	46.038	8.0	3.3	5.41	2.240	HH 221434	HH 221410	387	517	1400	2100
90.000	145.000	35.000	34.000	27.000	3.0	2.5	1.49	0.660	JM 718149	JM 718110	187	282	1900	2700
	147.000	40.000	40.000	32.500	7.0	3.5	1.77	0.796	HM 218248	JM 218210	226	342	1900	2700
	155.000	44.000	44.000	35.500	3.0	2.5	2.32	1.010	JHM 318448	JHM 318410	271	392	1700	2500
92.075	146.050	33.338	34.925	26.195	3.5	3.3	1.46	0.664	47890	47820	166	277	1900	2700
	148.430	28.575	28.971	21.433	3.5	3.0	1.29	0.553	42362	42584	137	215	1700	2500
	152.400	39.688	36.322	30.162	3.5	3.2	1.60	1.060	598	592 A	180	282	1700	2700
	152.400	39.688	36.322	30.162	6.4	3.2	1.59	1.060	598 A	592 A	180	282	1700	2700
	168.275	41.275	41.275	30.162	3.5	3.3	2.62	1.240	681	672	220	342	1500	2300
	190.500	57.150	57.531	44.450	8.0	3.3	4.78	2.550	857	854	352	497	1400	2100
93.662	148.430	28.575	28.971	21.433	3.0	3.0	1.24	0.553	42368	42584	137	215	1700	2500
	149.225	31.750	28.971	24.608	3.0	3.3	1.24	0.711	42368	42587	137	215	1700	2500
	152.400	39.688	36.322	30.162	3.5	3.2	1.54	1.060	597	592 A	180	282	1700	2700
95.250	146.050	33.338	34.925	26.195	3.5	3.3	1.33	0.664	47896	47820	166	277	1900	2700

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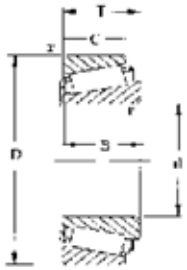

Principal dimensions (mm)							Weight(Kg)		Bearing Number		Basic Load Rating (kN)		Limiting Speed(rpm)	
d	D	T	B	C	r_{1min}	r_{2min}	Inner ring	Outer ring	Inner ring	Outer ring	Dynamic Cr	Static Cor	Grease	Oil
95.250	148.430	28.575	28.971	21.433	3.0	3.0	1.18	0.553	42375	42584	137	215	1700	2500
	149.225	31.750	28.971	24.608	3.5	3.3	1.18	0.711	42376	42587	137	215	1700	2500
	152.400	39.688	36.322	30.162	3.5	3.2	1.47	1.060	594	592 A	180	282	1700	2700
	152.400	39.688	36.322	33.338	3.5	3.3	1.47	1.120	594	592	180	282	1700	2700
	168.275	41.275	41.275	30.162	3.5	3.3	2.47	1.240	683	672	220	342	1500	2300
	171.450	47.625	48.260	38.100	3.5	3.3	2.91	1.670	77375	77675	279	412	1500	2300
	180.975	47.625	48.006	38.100	3.5	3.3	3.25	1.990	776	772	253	372	1500	2100
	190.500	57.150	57.531	44.450	8.0	3.3	4.57	2.550	864	854	352	497	1400	2100
	190.500	57.150	57.531	46.038	8.0	3.3	5.00	2.240	HH 221440	HH 221410	387	517	1400	2100
96.838	148.430	28.575	28.971	21.433	3.5	3.0	1.13	0.553	42381	42584	137	215	1700	2500
	149.225	31.750	28.971	24.606	3.5	3.3	1.13	0.711	42381	42587	137	215	1700	2500

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