

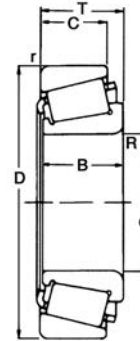


ROLLER BEARINGS



TAPERED ROLLER BEARINGS

Metric Size



Boundary dimensions (mm)							Basic load rating N		Limiting speeds RPM		Mass (kg)	Bearing No.
d	D	T	B	C	R _{min}	r _{min}	dynamic Cr	static Cor	Grease	oil		
15	42	14.25	13	11	1	1	21 200	12 700	9 900	13 000	0.098	30302
17	40	13.25	12	11	1	1	17 900	11 000	9 900	13 000	0.080	30203
	47	15.25	14	12	1	1	33 000	21 200	9 000	12 000	0.134	30303
20	42	15	15	12	0.6	0.6	22 900	15 600	9 500	13 000	0.097	32004X
	47	15.25	14	12	1	1	26 000	16 600	8 800	12 000	0.127	30204
	52	16.25	15	13	1.5	1.5	31 900	20 000	8 000	11 000	0.169	30304
25	47	15	15	11.5	0.6	0.6	25 500	18 300	7 900	11 000	0.114	32005X
	52	16.25	15	13	1	1	29 200	19 300	7 300	9 800	0.154	30205
	52	19.25	18	16	1	1	34 100	25 000	7 300	9 800	0.187	32205
	62	18.25	17	15	1.5	1.5	41 800	26 500	6 700	8 900	0.272	30305
30	62	17.25	16	14	1	1	38 000	25 500	6 300	8 400	0.241	30206
	72	20.75	19	16	1.5	1.5	52 800	34 500	5 700	7 600	0.408	30306
	72	28.75	27	23	1.5	1.5	72 100	52 000	5 700	7 600	0.583	32306
35	62	18	18	14	1	1	40 200	30 500	6 100	8 100	0.224	32007X
	72	18.25	17	15	1.5	1.5	48 400	32 500	5 500	7 400	0.344	30207
	72	24.25	23	19	1.5	1.5	61 600	45 000	5 500	7 400	0.457	32207
	80	22.75	21	18	2	1.5	68 200	45 000	5 000	6 600	0.520	30307
	80	32.75	31	25	2	1.5	89 700	65 500	5 000	6 600	0.787	32307
40	68	19	19	14.5	1	1	44 500	40 000	5 300	7 100	0.278	32008X
	80	19.75	18	16	1.5	1.5	58 300	40 000	4 900	6 600	0.435	30208
	80	24.75	23	19	1.5	1.5	70 400	50 000	4 900	6 600	0.558	32208
	90	25.25	23	20	2	1.5	80 900	56 000	4 400	5 900	0.769	30308
	90	25.25	23	17	2	1.5	69 300	46 500	3 900	5 200	0.738	31308
	90	35.25	32	27	2	1.5	110 000	83 000	4 400	5 900	1.080	32308
45	75	20	20	15.5	1	1	55 000	44 000	4 800	6 400	0.346	32009X
	100	27.25	25	18	2	1.5	85 800	60 000	3 500	4 600	0.958	31309
	100	38.25	36	30	2	1.5	132 000	102 000	4 000	5 300	1.460	32309
50	90	21.75	20	17	1.5	1.5	70 400	52 000	4 000	5 300	0.563	30210
	90	24.75	23	19	1.5	1.5	70 400	52 000	4 000	5 300	0.648	32210
	110	29.25	27	19	2.5	2	99 000	69 500	3 200	4 200	1.250	31310
	110	42.25	40	33	2.5	2	161 000	127 000	3 600	4 800	1.920	32310

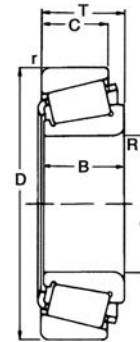


ROLLER BEARINGS



TAPERED ROLLER BEARINGS

Metric Size



Boundary dimensions (mm)							Basic load rating N		Limiting speeds RPM		Mass (kg)	Bearing No.
d	D	T	B	C	R _{min}	r _{min}	dynamic C _r	static C _{or}	Grease	oil		
55	90	23	23	17.5	1.5	1.5	76 500	64 000	4 000	5 400	0.563	32011X
	100	22.75	21	18	2	1.5	84 200	61 000	3 600	4 900	0.740	30211
	100	26.75	25	21	2	1.5	99 000	75 000	3 600	4 900	0.876	32211
	120	31.5	29	21	2.5	2	134 000	96 500	3 300	4 400	1.660	30311
	120	31.5	29	21	2.5	2	114 000	80 000	2 900	3 800	1.590	31311
	120	45.5	43	35	35	2.5	2	187 000	15 0000	3 300	4 400	2.440
60	95	23	23	17.5	1.5	1.5	76 500	67 000	3 700	4 900	0.576	32012X
	110	23.75	22	19	2	1.5	91 300	65 500	3 400	4 500	0.949	30212
	110	29.75	28	24	2	1.5	119 000	91 500	3 400	4 500	1.180	32212
	130	33.5	31	26	3	2.5	161 000	116 000	3 000	4 000	2.060	30312
	130	48.5	46	37	37	3	2.5	216 000	17 3000	3 000	4 000	3.020
65	100	23	23	17.5	1.5	1.5	78 100	68 000	3 400	4 600	0.630	32013X
	120	24.75	23	20	2	1.5	108 000	78 000	3 100	4 200	1.180	30213
	120	32.75	31	27	2	1.5	142 000	112 000	3 100	4 200	1.580	32213
	140	36	33	23	3	2.5	154 000	112 000	2 500	3 300	2.420	31313
	140	51	48	39	39	3	2.5	246 000	200 000	2 800	3 700	3.660
70	125	26.25	24	21	2	1.5	119 000	88 000	2 900	3 900	1.260	30214
	125	33.25	31	27	2	1.5	147 000	118 000	2 900	3 900	1.680	32214
	150	38	35	25	3	2.5	176 000	127 000	2 300	3 000	2.920	31314
75	115	25	25	19	1.5	1.5	99 000	88 000	3 000	4 000	0.909	32015X
	130	27.25	25	22	2	1.5	130 000	100 000	2 700	3 600	1.410	30215
	130	33.25	31	27	2	1.5	151 000	120 000	2 700	3 600	1.740	32215
80	140	35.25	33	28	2.5	2	176 000	137 000	2 500	3 400	2.180	32216
85	130	29	29	22	1.5	1.5	130 000	120 000	2 600	3 500	1.350	32017X
	150	38.5	36	30	2.5	2	201 000	163 000	2 400	3 200	2.750	32217
90	140	32	32	24	2	1.5	157 000	146 000	2 500	3 300	1.790	32018X
	160	32.5	30	26	2.5	2	183 000	140 000	2 200	3 000	2.660	30218
	160	42.5	40	34	2.5	2	238 000	193 000	2 200	3 000	3.490	32218
	190	46.5	43	36	4	3	308 000	236 000	2 000	2 700	6.030	30318
100	150	32	32	24	2	1.5	161 000	150 000	2 200	3 000	1.910	32020X
	180	49	46	39	3	2.5	297 000	250 000	2 000	2 700	5.120	32220
105	190	53	50	43	3	2.5	341 000	290 000	1 900	2 500	6.250	32221
110	170	38	38	29	2.5	2	220 000	208 000	2 000	2 700	3.070	32022X
120	180	38	38	29	2.5	2	229 000	224 000	1 800	2 500	3.250	32024X