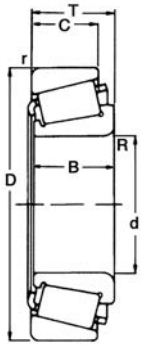
TAPERED ROLLER BEARINGS

Metric Size



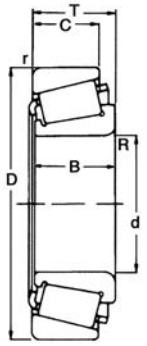


Boundary dimensions (mm)							Basic load rating N		Limiting speeds RPM		Mass (kg)	Bearing No.
d	D	T	B	C	R_{min}	r_{min}	dynamic Cr	static Cor	Grease	oil		
15	42	14.25	13	11	1	1	21 200	12 700	9 900	13 000	0.098	**30302**
17	40	13.25	12	11	1	1	17 900	11 000	9 900	13 000	0.080	**30203**
	47	15.25	14	12	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	55	17	17	13	1	1	33 600	24 500	6 900	9 200	0.166	**32006X**
	62	17.25	16	14	1	1	38 000	25 500	6 300	8 400	0.241	**30206**
	62	21.25	20	17	1	1	47 300	33 500	6 300	8 400	0.301	**32206**
	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**
	85	20.75	19	16	1.5	1.5	62 700	44 000	4 400	5 900	0.495	**30209**
	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	80	20	20	15.5	1	1	57 200	48 000	4 400	5 800	0.366	**32010X**
	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	23	2.5	2	117 000	83 000	3 600	4 800	1.310	**30310**
	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**

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		
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	2.5	2	187 000	15 0000	3 300	4 400	2.440	**32311**
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	3	2.5	216 000	17 3000	3 000	4 000	3.020	**32312**
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	3	2.5	246 000	200 000	2 800	3 700	3.660	**32313**
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**