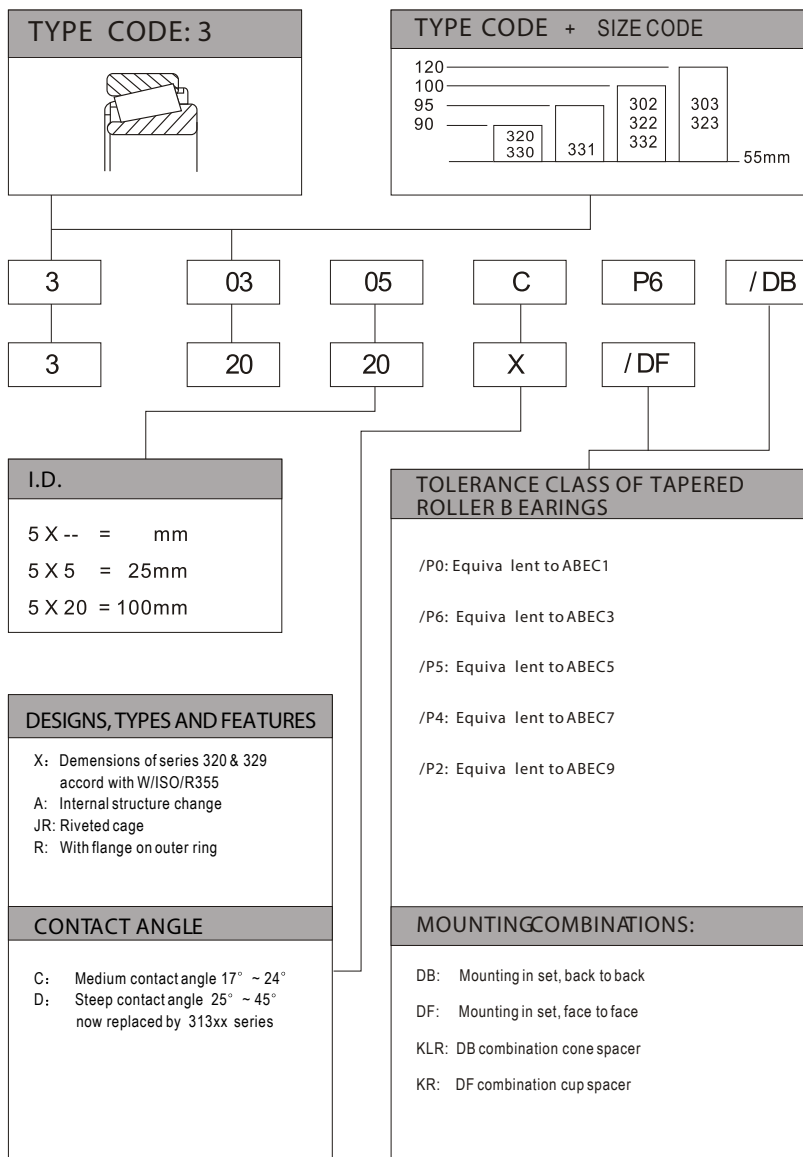


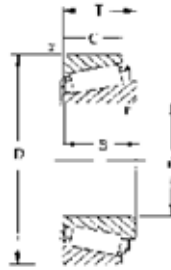
TAPERED ROLLER BEARINGS(METRIC SERIES)



TAPERED ROLLER BEARINGS(METRIC SERIES)



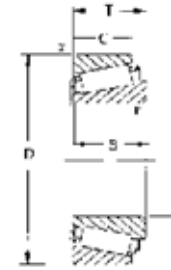
TAPERED ROLLER BEARINGS(METRIC SERIES)



Principal dimensions(mm)							Weight Kg	Bearing Number	Basic Load Rating (kN)		Limiting Speed(rpm)	
d	D	T	B	C	r _{min}	r _{max}			Dynamic Cr	Static Cor	Grease	Oil
15	42	14.25	13	11.0	1.0	1.0	0.098	30302	20.88	19.97	9400	12000
17	40	13.25	12	11.0	1.0	1.0	0.079	30203	18.45	19.49	9400	12000
	47	15.25	14	12.0	1.0	1.0	0.134	30303	26.01	25.25	8600	11000
20	42	15.00	15	12.0	0.6	0.6	0.097	32004X	22.41	26.78	9000	12000
	47	15.25	14	12.0	1.0	1.0	0.127	30204	25.38	27.55	8400	11000
	47	19.25	18	15.0	1.0	1.0	0.160	32204	32.85	37.92	8400	11000
	52	16.25	15	13.0	1.5	1.5	0.172	30304	31.95	32.64	7600	10000
	52	22.25	21	18.0	1.5	1.5	0.241	32304	41.85	46.56	7600	10000
25	47	15.00	15	11.5	0.6	0.6	0.116	32005X	25.02	32.16	7500	10000
	52	16.25	15	13.0	1.0	1.0	0.157	30205	28.35	32.64	6900	9300
	52	19.25	18	15.0	1.0	1.0	0.187	32205	37.80	45.12	6900	9300
	52	22.00	22	18.0	1.0	1.0	0.221	33205	42.75	55.20	6900	9300
	62	18.25	17	15.0	1.5	1.5	0.270	30305	43.65	45.60	6400	8400
	62	25.25	24	20.0	1.5	1.5	0.376	32305	55.35	61.92	6400	8400
30	55	17.00	17	13.0	1.0	1.0	0.172	32006X	33.75	44.16	6600	8700
	62	17.25	16	14.0	1.0	1.0	0.238	30206	39.15	46.08	6000	7900
	62	21.25	20	17.0	1.0	1.0	0.297	32206	49.05	61.44	6000	7900
	62	25.00	25	19.5	1.0	1.0	0.355	33206	58.50	73.92	6000	7900
	72	20.75	19	16.0	1.5	1.5	0.403	30306	54.00	58.56	5400	7200
	72	28.75	27	23.0	1.5	1.5	0.570	32306	72.90	86.40	5400	7200
35	62	18.00	18	14.0	1.0	1.0	0.230	32007X	37.35	50.40	5800	7700
	72	18.25	17	15.0	1.5	1.5	0.340	30207	49.95	59.04	5200	7000
	72	24.25	23	19.0	1.5	1.5	0.456	32207	65.25	83.52	5200	7000
	72	28.00	28	22.0	1.5	1.5	0.540	33207	78.75	104.64	5200	7000
	80	22.75	21	18.0	2.0	1.5	0.538	30307	67.50	73.92	4800	6300
	80	32.75	31	25.0	2.0	1.5	0.765	32307	90.90	110.40	4800	6300

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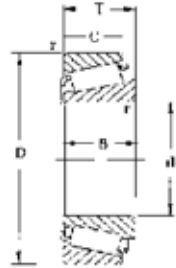
TAPERED ROLLER BEARINGS(METRIC SERIES)



Principal dimensions(mm)							Weight Kg	Bearing Number	Basic Load Rating (kN)		Limiting Speed(rpm)	
d	D	T	B	C	r _{min}	r _{max}			Dynamic Cr	Static Cor	Grease	Oil
40	68	19.00	19	14.50	1.0	1.0	0.280	32008X	45.00	62.88	5000	6700
	68	22.00	22	18.00	1.0	1.0	0.322	33008	53.55	79.20	5000	6700
	80	19.75	18	16.00	1.5	1.5	0.438	30208	54.90	64.32	4700	6300
	80	24.75	23	19.00	1.5	1.5	0.549	32208	71.55	89.76	4700	6300
	80	32.00	32	25.00	1.5	1.5	0.744	33208	92.70	126.72	4700	6300
	90	25.25	23	20.00	2.0	1.5	0.758	30308	82.35	97.92	4200	5600
	90	35.25	33	27.00	2.0	1.5	1.050	32308	109.80	144.00	4200	5600
45	75	20.00	20	15.50	1.0	1.0	0.354	32009X	51.75	73.44	4800	6000
	75	24.00	24	19.00	1.0	1.0	0.414	33009	59.40	89.76	4600	6000
	80	26.00	26	20.50	1.5	1.5	0.552	33109	76.05	110.40	4500	5900
	85	20.75	19	16.00	1.5	1.5	0.488	30209	60.75	75.36	4200	5600
	85	24.75	23	19.00	1.5	1.5	0.602	32209	73.80	96.00	4200	5600
	85	32.00	32	25.00	1.5	1.5	0.817	33209	96.30	135.36	4200	5600
	100	27.25	25	22.00	2.0	1.5	1.010	30309	99.90	120.96	3800	5000
	100	38.25	36	30.00	2.0	1.5	1.420	32309	138.60	183.36	3800	5000
50	80	20.00	20	15.50	1.0	1.0	0.380	32010X	56.25	84.48	4200	5500
	80	24.00	24	19.00	1.0	1.0	0.452	33010	62.55	98.88	4200	5500
	85	26.00	26	20.00	1.5	1.5	0.597	33110	77.85	116.16	4000	5300
	90	21.75	20	17.00	1.5	1.5	0.558	30210	69.30	89.28	3800	5000
	90	24.75	23	19.00	1.5	1.5	0.644	32210	78.75	104.64	3800	5000
	90	32.00	32	24.50	1.5	1.5	0.867	33210	103.50	151.68	3800	5000
	110	29.25	27	23.00	2.5	2.0	1.280	30310	119.70	145.92	3400	4600
	110	42.25	40	33.00	2.5	2.0	1.880	32310	165.60	222.72	3400	4600
55	90	23.00	23	17.50	1.5	1.5	0.568	32011X	72.45	113.28	3800	5100
	90	27.00	27	21.00	1.5	1.5	0.657	33011	82.35	132.48	3800	5100
	95	30.00	30	23.00	1.5	1.5	0.877	33111	99.90	148.80	3700	4900
	100	22.75	21	18.00	2.0	1.5	0.736	30211	83.70	106.56	3400	4600
	100	26.75	25	21.00	2.0	1.5	0.880	32211	97.20	128.64	3400	4600
	100	35.00	35	27.00	2.0	1.5	1.180	33211	124.20	180.48	3400	4600
	120	31.50	29	25.00	2.5	2.0	1.630	30311	139.50	171.84	3100	4200
	120	45.50	43	35.00	2.5	2.0	2.390	32311	193.50	264.00	3100	4200

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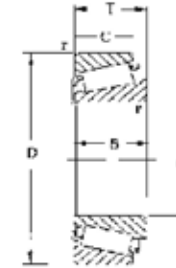
TAPERED ROLLER BEARINGS(METRIC SERIES)



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Principal dimensions (mm)							Weight Kg	BearingNumber	Basic Load Rating (kN)		Limiting Speed (rpm)	
d	D	T	B	C	r _{max}	r _{min}			DynamicCr	Static Cor	Grease	Oil
60	95	23.00	23	17.50	1.5	1.5	0.608	32012X	73.80	118.08	3500	4600
	95	27.00	27	21.00	1.5	1.5	0.713	33012	84.15	139.20	3500	4600
	100	30.00	30	23.00	1.5	1.5	0.910	33112	101.70	157.44	3400	4500
	110	23.75	22	19.00	2.0	1.5	0.930	30212	94.50	120.00	3200	4300
	110	29.75	28	24.00	2.0	1.5	1.180	32212	117.00	157.44	3200	4300
	110	38.00	38	29.00	2.0	1.5	1.560	33212	150.30	224.64	3200	4300
	130	33.50	31	26.00	3.0	2.5	2.030	30312	162.00	201.60	2900	3800
	130	48.50	46	37.00	3.0	2.5	2.960	32312	219.60	302.40	2900	3800
65	100	23.00	23	17.50	1.5	1.5	0.646	32013X	74.70	122.88	3200	4400
	100	27.00	27	21.00	1.5	1.5	0.760	33013	87.75	149.76	3200	4400
	110	34.00	34	26.50	1.5	1.5	1.320	33113	129.60	202.56	3100	4200
	120	24.50	23	20.00	2.0	1.5	1.180	30213	110.70	142.08	2900	4000
	120	32.75	31	27.00	2.0	1.5	1.550	32213	143.10	197.76	2900	4000
	120	41.00	41	32.00	2.0	1.5	2.040	33213	175.50	254.40	2900	4000
	140	36.00	33	28.00	3.0	2.5	2.510	30313	182.70	228.48	2700	3500
	140	51.00	48	39.00	3.0	2.5	3.600	32313	245.70	240.00	2700	3500
70	110	25.00	25	19.00	1.5	1.5	0.869	32014X	94.50	153.60	3000	4000
	110	31.00	31	25.50	1.5	1.5	1.110	33014	114.30	195.84	3000	4000
	125	26.25	24	21.00	2.0	1.5	1.300	30214	117.90	155.52	2800	3700
	125	33.25	31	27.00	2.0	1.5	1.660	32214	149.40	211.20	2800	3700
	125	41.00	41	32.00	2.0	1.5	2.150	33214	180.90	270.72	2800	3700
	150	38.00	35	30.00	3.0	2.5	3.030	30314	207.00	261.12	2500	3300
	150	54.00	51	42.00	3.0	2.5	4.350	32314	279.00	388.80	2500	3300
75	115	25.00	25	19.00	1.5	1.5	0.925	32015X	95.40	160.32	2900	3800
	115	31.00	31	25.50	1.5	1.5	1.180	33015	116.10	203.52	2900	3800
	130	27.25	25	22.00	2.0	1.5	1.430	30215	125.10	168.00	2700	3400
	130	33.25	31	27.00	2.0	1.5	1.720	32215	151.20	215.04	2700	3400
	130	41.00	41	31.00	2.0	1.5	2.250	33215	187.20	286.08	2700	3400
	160	40.00	37	31.00	3.0	2.5	3.630	30315	229.50	292.80	2300	3000
	160	58.00	55	45.00	3.0	2.5	5.310	32315	319.50	451.20	2300	3000

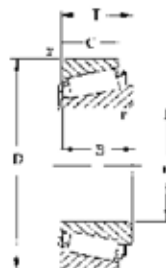
TAPERED ROLLER BEARINGS(METRIC SERIES)



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Principal dimensions (mm)							Weight Kg	BearingNumber	Basic Load Rating (kN)		Limiting Speed (rpm)	
d	D	T	B	C	r _{max}	r _{min}			DynamicCr	Static Cor	Grease	Oil
80	125	29.00	29	22.00	1.5	1.5	1.32	32016X	125.10	207.36	2700	3500
	125	36.00	36	39.50	1.5	1.5	1.66	33016	155.70	272.64	2700	3500
	140	28.25	26	22.00	2.5	2.0	1.69	30216	144.00	192.00	2400	3200
	140	35.35	33	28.00	2.5	2.0	2.13	32216	179.10	254.40	2400	3200
	140	46.00	46	35.00	2.5	2.0	2.93	33216	225.00	350.40	2400	3200
	170	42.50	39	33.00	3.0	2.5	4.27	30316	261.90	336.00	2200	2800
	170	61.50	58	48.00	3.0	2.5	6.35	32316	355.50	504.00	2200	2800
85	130	29.00	29	22.00	1.5	1.5	1.38	32017X	127.80	215.04	2500	3300
	130	36.00	36	29.50	1.5	1.5	1.75	33017	158.40	188.16	2500	3300
	150	30.50	28	24.00	2.5	2.0	2.12	30217	164.70	222.72	2300	3000
	150	38.50	36	30.00	2.5	2.0	2.64	32217	201.60	288.00	2300	3000
	150	49.00	49	37.00	2.5	2.0	3.57	33217	255.60	403.20	2300	3000
	180	44.50	41	34.00	4.0	3.0	5.08	30317	274.50	350.40	2000	2700
	180	63.50	60	49.00	4.0	3.0	7.31	32317	364.50	504.00	2000	2700
90	140	32.00	32	24.00	2.0	1.5	1.78	32018X	151.20	259.20	2400	3100
	140	39.00	39	32.50	2.0	1.5	2.21	33018	193.50	345.60	2400	3100
	160	32.50	30	26.00	2.5	2.0	2.60	30218	187.20	256.32	2100	2800
	160	42.50	40	34.00	2.5	2.0	3.41	32218	235.80	345.60	2100	2800
	190	46.50	43	36.00	4.0	3.0	5.67	30318	301.50	388.80	2000	2500
	190	67.50	64	53.00	4.0	3.0	8.30	32318	405.00	571.20	2000	2500
95	145	32.00	32	24.00	2.0	1.5	1.88	32019X	153.90	268.80	2200	2900
	145	39.00	39	32.50	2.0	1.5	2.30	33019	197.10	360.00	2200	2900
	170	34.50	32	27.00	3.0	2.5	3.13	30219	203.40	278.40	2000	2700
	170	45.50	43	37.00	3.0	2.5	4.22	32219	269.10	398.40	2000	2700
	200	49.50	45	38.00	4.0	3.0	6.55	30319	328.50	427.20	2000	2400
100	150	32.00	32	24.00	2.0	1.5	1.95	32020X	153.00	269.76	2100	2900
	150	39.00	39	32.50	2.0	1.5	2.38	33020	201.60	374.40	2100	2900
	180	37.00	34	29.00	3.0	2.5	3.78	30220	232.20	321.60	1900	2600
	180	49.00	46	39.00	3.0	2.5	5.05	32220	297.00	446.40	1900	2600
	215	51.50	47	39.00	4.0	3.0	7.94	30320	369.00	480.00	1700	2300
	215	77.50	73	60.00	4.0	3.0	12.70	32320	513.00	739.20	1700	2300

TAPERED ROLLER BEARINGS(METRIC 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 _{min}	r _{max}			Dynamic Cr	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