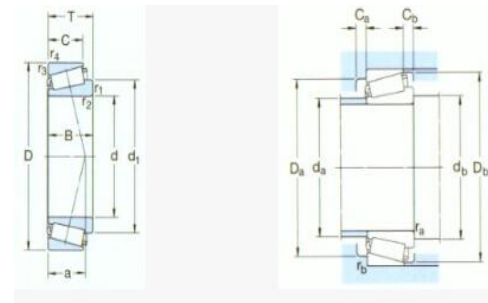


They are widely used in automobile, electrical, (home appliances, electric tools, fitness equipment, motors, medical devices, motorbikes, textile machines).

Tapered roller bearing have inner and outer ring raceways and tapered rollers arranged in between. Conical surface of the projection lines of all are the same point on the bearing axis together. Tapered roller bearing is mainly exposed to the radial diameter, axialT load. Load carrying capacity depends on the angle of the outer ring raceway, the greater the angle the greater the carrying capacity.

Metric taper roller Bearing



Motion(shanghai)Industrial Development Co.,Ltd

Principal dimensions			Basic load ratings		Pu	Speed ratings		Weight	Designation	ISO335	Dimensions						Abutment and fillet dimensions								Value				
(mm)			KN			rpm	Speed Ratings			Limitin g Speed	Dimensions (ABMA)	mm						mm								Value			
d	D	T	dyc	stc								Cr	Cor	d	d1	B	C	r1,2	r3,4	a	da	db	Da	Da	Db	Ca	Cb	ra	rb
17	40	13.25	19	18.6	1.83	13000	18000	0.075	3020312	2DB	17	28	12	11	1	1	10	23	23	34	34	37	2	2	1	1	0.35	1.7	0.9
17	47	15.25	28.1	25	2.75	12000	16000	0.13	3030312	2FB	17	30.4	14	12	1	1	10	25	23	40	41	42	2	3	1	1	0.28	2.1	1.1
17	47	20.25	40	33.5	3.65	12000	16000	0.17	3230312/Q	2FD	17	30.7	19	16	1	1	12	24	23	39	41	43	3	4	1	1	0.28	2.1	1.1
20	42	15	28	27	2.7	13000	16000	0.097	32004X/Q	3CC	20	31.1	15	12	0.6	0.6	10	25	25	36	37	39	2	3	0.6	0.6	0.37	1.6	0.9
20	47	15.25	32	28	3	12000	15000	0.12	3020412/Q	2DB	20	33.2	14	12	1	1	11	27	26	40	41	43	2	3	1	1	0.35	1.7	0.9
20	52	16.25	39	32.5	3.6	12000	14000	0.17	3030412/Q	2FB	20	34.3	15	13	1.5	1.5	11	28	27	44	45	47	2	3	1.5	1.5	0.3	2	1.1
20	52	22.25	51	45.5	5	12000	14000	0.23	3230412/Q	2FD	20	34.5	21	18	1.5	1.5	14	27	27	43	45	47	3	4	1.5	1.5	0.3	2	1.1
22	44	15	25.1	29	2.85	11000	15000	0.10	320/22X	3CC	22	33.3	15	11.5	0.6	0.6	11	27	27	38	39	41	3	3.5	0.6	0.6	0.40	1.5	0.8
25	47	15	31	32.5	3.25	12000	14000	0.11	32005X/Q	4CC	25	36.5	15	11.5	0.6	0.6	11	30	30	40	42	44	3	3.5	0.6	0.6	0.43	1.4	0.8
25	52	16.25	35.5	33.5	3.45	11000	13000	0.15	3020512/Q	3CC	25	37.4	15	13	1	1	12	31	31	44	46	48	2	3	1	1	0.37	1.6	0.9
25	52	19.25	41.5	44	4.65	10000	13000	0.19	32205B12/Q	5CD	25	40.2	18	15	1	1	16	30	31	41	46	50	3	4	1	1	0.57	1.05	0.6
25	52	22	54	56	6	10000	13000	0.23	33205/Q	2DE	25	38.6	22	18	1	1	14	30	31	43	46	49	4	4	1	1	0.35	1.7	0.9
25	62	18.25	44.6	43	4.75	9000	12000	0.26	3030512	2FB	25	41.5	17	15	1.5	1.5	13	34	32	54	55	57	2	3	1.5	1.5	0.3	2	1.1
25	62	18.25	38	40	4.4	7500	11000	0.26	3130512	2FB	25	45.8	17	13	1.5	1.5	20	34	32	47	55	59	3	5	1.5	1.5	0.83	0.72	0.4
25	62	25.25	60.5	63	7.1	8000	12000	0.36	3230512	2FD	25	41.7	24	20	1.5	1.5	15	33	32	52	55	57	3	5	1.5	1.5	0.3	2	1.1
28	52	16	36.5	38	4	10000	13000	0.15	320/28X/Q	4CC	28	40.3	16	12	1	1	12	34	34	45	46	49	3	4	1	1	0.43	1.4	0.8
28	58	17.25	38	41.5	4.4	9000	12000	0.25	302/2812	+	28	41.8	16	14	1	1	13	35	34	50	52	54	2	3	1	1	0.37	1.6	0.9
28	58	20.25	48	50	5.5	9500	12000	0.25	322/28B12/Q	5DD	28	43.9	19	16	1	1	17	33	34	46	52	55	3	4	1	1	0.57	1.05	0.6
30	55	17	40.5	44	4.55	10000	12000	0.17	32006X/Q	4CC	30	43	17	13	1	1	13	35	36	48	49	52	3	4	1	1	0.43	1.4	0.8
30	62	17.25	46.5	44	4.8	9000	11000	0.23	3020612/Q	3DB	30	44.6	16	14	1	1	14	38	36	53	56	57	2	3	1	1	0.37	1.6	0.9
30	62	21.25	58.5	57	6.3	9000	11000	0.28	3220612/Q	3DC	30	45.2	20	17	1	1	15	37	36	52	56	58	3	4	1	1	0.37	1.6	0.9
30	62	21.25	56	58.5	6.55	9000	11000	0.30	32206B12/QCL7CVA606	5DC	30	47.3	20	17	1	1	18	36	36	50	56	60	3	4	1	1	0.57	1.05	0.6
30	62	25	75	76.5	8.5	8500	11000	0.37	33206/Q	2DE	30	45.8	25	19.5	1	1	16	36	36	53	56	59	5	5.5	1	1	0.35	1.7	0.9
30	72	20.75	64	56	6.4	8000	10000	0.39	3030612/Q	2FB	30	48.4	19	16	1.5	1.5	15	41	37	62	65	66	3	4.5	1.5	1.5	0.31	1.9	1.1
30	72	20.75	55	50	5.7	7500	9500	0.39	3130612/Q	7FB	30	52.7	19	14	1.5	1.5	22	40	37	55	65	68	3	6.5	1.5	1.5	0.83	0.72	0.4
30	72	28.75	88	85	9.65	7500	10000	0.55	3230612/Q	2FD	30	48.7	27	23	1.5	1.5	18	39	37	59	65	66	3	5.5	1.5	1.5	0.31	1.9	1.1
32	53	14.5	27	35.5	3.65	9000	12000	0.11	11.26749F/710 (L26700)	+	32	43.6	15	11.5	3.5	1.3	11	38	43	47	47	50	2	3	3	1	0.33	1.8	1
32	58	17	42.5	46.5	4.8	9000	11000	0.19	320/32X/Q	4CC	32	45.6	17	13	1	1	14	38	38	50	52	55	3	4	1	1	0.46	1.3	0.7
35	62	18	43	49	5.2	8500	11000	0.22	3200712/Q	+	35	49.5	18	15	1	1	16	41	41	53	56	59	2	3	1	1	0.44	1.35	0.8
35	72	18.25	58.5	56	6.1	8000	9500	0.32	3020712/Q	3DB	35	51.8	17	15	1.5	1.5	15	44	42	62	65	67	3	3	1.5	1.5	0.37	1.6	0.9

