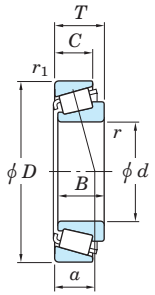
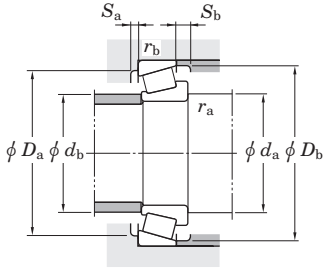
metric series

d (65) ~ (70) mm





Boundary dimensions (mm)							Basic load ratings (kN)		Fatigue load limit (kN)	Limiting speeds (min^{-1})		Bearing No. [1]		Dimension series to ISO355 (Refer.)	Load center (mm)	Mounting dimensions (mm)										Constant	Axial load factors		(Refer.) Mass (kg)
d	D	T	B	C	r min.	r_1 min.	C_r	C_{0r}	C_u	Grease lub.	Oil lub.				a	d_a min.	d_b max.	D_a max.	D_a min.	D_b min.	S_a min.	S_b min.	r_a max.	r_b max.	e	Y_1	Y_0	
65	100	23	23	17.5	1.5	1.5	113	137	20.6	3 600	4 800	**32013JR**		4CC	22.5	73.5	72	91.5	90	97	4	5.5	1.5	1.5	0.46	1.31	0.72	0.664
	100	27	27	21	1.5	1.5	129	169	25.5	3 600	4 800	**33013JR**		2CE	21.1	73.5	72	91.5	89	96	5	6	1.5	1.5	0.35	1.72	0.95	0.762
	110	34	34	26.5	1.5	1.5	191	223	34.3	3 400	4 600	**33113JR**		3DE	25.9	73.5	73	101.5	96	106	6	7.5	1.5	1.5	0.39	1.55	0.85	1.33
	120	24.75	23	18	2	1.5	145	139	21.5	3 200	4 300	**30213CR**		—	28.1	75	77	110	102	114	4	6.5	2	1.5	0.55	1.10	0.60	1.15
	120	24.75	23	20	2	1.5	160	156	24.3	3 200	4 300	**30213JR**		3EB	24.2	75	77	110	106	113	4	4.5	2	1.5	0.40	1.48	0.81	1.18
	120	32.75	31	24	2	1.5	190	198	30.4	3 200	4 300	**32213CR**		—	31.3	75	75	110	99	114	4	8.5	2	1.5	0.55	1.10	0.60	1.55
	120	32.75	31	27	2	1.5	196	203	31.7	3 200	4 300	**32213JR**		3EC	26.6	75	76	110	104	115	4	5.5	2	1.5	0.40	1.48	0.81	1.58
	120	39	38	31	4	2.5	190	232	34.7	3 200	4 300	**T5ED065**		5ED	34.1	83	75	108	96	115	5	8	3	2	0.56	1.07	0.59	1.93
	120	41	41	32	2	1.5	250	277	43.0	3 200	4 300	**33213JR**		3EE	30.0	75	74	110	102	115	7	9	2	1.5	0.39	1.54	0.85	2.02
	130	37	33.5	26	3	3	186	211	31.2	2 600	3 600	**T7FC065**		7FC	44.4	79	78	116	98	124	4	11	2.5	2.5	0.87	0.69	0.38	2.17
	140	36	33	23	3	2.5	220	209	31.4	2 400	3 400	**30313DJR**		7GB	44.3	79	79	128	111	133	4	13	2.5	2	0.83	0.73	0.40	2.44
	140	36	33	25	3	2.5	241	227	35.1	2 900	3 900	**30313CR**		—	34.3	79	81	128	113	130	5	11	2.5	2	0.55	1.10	0.60	2.44
	140	36	33	28	3	2.5	255	239	37.6	2 800	3 800	**30313JR**		2GB	29.3	79	83	128	122	130	4	8	2.5	2	0.35	1.74	0.96	2.56
	140	51	48	39	3	2.5	322	361	49.0	2 900	3 900	**32313CR**		5GD	40.9	79	79	128	106	131	5	12	2.5	2	0.55	1.10	0.60	3.85
	140	51	48	39	3	2.5	313	312	43.4	2 900	3 900	**32313J**		2GD	34.7	79	80	128	117	130	4	12	2.5	2	0.35	1.74	0.96	3.49
	140	51	48	39	3	2.5	346	357	49.6	2 900	3 900	**32313JR**		2GD	34.7	79	80	128	117	130	4	12	2.5	2	0.35	1.74	0.96	3.64
70	100	20	20	16	1	1	89.0	115	17.2	3 500	4 700	**32914JR**		2BC	17.8	75.5	77	94.5	91	96	4	4	1	1	0.32	1.90	1.05	0.496
	110	25	25	19	1.5	1.5	136	163	24.8	3 300	4 400	**32014JR**		4CC	23.6	78.5	78	101.5	98	105	5	6	1.5	1.5	0.43	1.38	0.76	0.884
	110	31	31	25.5	1.5	1.5	168	208	32.3	3 300	4 400	**33014JR**		2CE	22.1	78.5	78	101.5	99	105	5	5.5	1.5	1.5	0.28	2.11	1.16	1.09
	120	37	37	29	2	1.5	227	266	41.2	3 100	4 200	**33114JR**		3DE	28.0	80	79	110	104	115	6	8	2	1.5	0.38	1.58	0.87	1.71
	125	26.25	24	19	2	1.5	158	158	24.5	3 000	4 000	**30214CR**		—	29.9	80	82	116.5	107	119	4	7	2	1.5	0.55	1.10	0.60	1.30
	125	26.25	24	21	2	1.5	173	173	27.1	3 100	4 100	**30214JR**		3EB	25.9	80	81	116.5	110	118	4	5	2	1.5	0.42	1.43	0.79	1.32
	125	33.25	31	24	2	1.5	197	212	32.6	3 100	4 100	**32214CR**		—	32.6	80	80	116.5	104	120	4	9.5	2	1.5	0.55	1.10	0.60	1.65
	125	33.25	31	27	2	1.5	212	225	35.2	3 100	4 100	**32214JR**		3EC	29.2	80	80	116.5	108	119	4	6	2	1.5	0.42	1.43	0.79	1.71
	125	41	41	32	2	1.5	258	294	45.5	3 100	4 100	**33214JR**		3EE	31.2	80	79	116.5	107	120	7	9	2	1.5	0.41	1.47	0.81	2.16
	130	43	42	35	3	2.5	291	319	50.0	3 000	4 000	**T2ED070**		2ED	30.2	84	81	118	111	123	1	1	2.5	2	0.33	1.80	0.99	2.48
	140	39	35.5	27	3	3	222	242	35.8	2 400	3 400	**T7FC070**		7FC	46.5	84	82	126	106	133	5	12	2.5	2.5	0.87	0.69	0.38	2.64
	140	52	51	43	5	3	330	382	51.6	2 900	3 800	**T4FE070**		4FE	37.7	92	82	126	111	133	7	9	4	2.5	0.45	1.34	0.74	3.69

[Note] 1) Please consult with JTEKT when using the bearings identified by suffix C. They are medium-tapered types especially designed for special purposes.