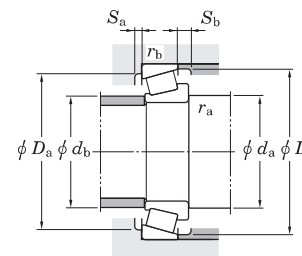
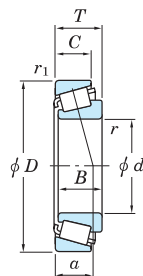


Single-row tapered roller bearings metric series

d 15 ~ 22 mm



Boundary dimensions (mm)							Basic load ratings (kN)		Fatigue load limit	Limiting speeds (min ⁻¹)		Bearing No. ¹⁾	Dimension series to ISO355 (Refer.)	Load center (mm) <i>a</i>	Mounting dimensions (mm)								Con- stant <i>e</i>	Axial load factors		(Refer.) Mass (kg)		
<i>d</i>	<i>D</i>	<i>T</i>	<i>B</i>	<i>C</i>	<i>r</i> min.	<i>r</i> ₁ min.	<i>C</i> _r	<i>C</i> _{0r}	(kN) <i>C</i> _u	Grease lub.	Oil lub.				<i>d</i> _a min.	<i>d</i> _b max.	<i>D</i> _a max.	<i>D</i> _b min.	<i>S</i> _a min.	<i>S</i> _b min.	<i>r</i> _a max.	<i>r</i> _b max.						
15	35	11.75	11	10	0.6	0.6	19.8	14.5	2.00	12 000	16 000	30202R	—	8.3	19.5	20	30.5	29	33	2	1.7	0.6	0.6	0.32	1.88	1.04	0.054	
	42	14.25	13	11	1	1	27.4	19.2	2.65	10 000	14 000	30302JR	2FB	10.0	20.5	22	36.5	35	38	2	3	1	1	0.29	2.11	1.16	0.098	
17	40	13.25	12	11	1	1	26.0	20.7	2.85	10 000	14 000	30203JR	2DB	10.1	22.5	23	34.5	33	37	2	2	1	1	0.35	1.74	0.96	0.081	
	40	17.25	16	14	1	1	34.3	27.5	3.85	10 000	14 000	32203JR	2DD	11.4	22.5	23	34.5	33	37	2	3	1	1	0.31	1.92	1.06	0.104	
	47	15.25	14	12	1	1	34.2	24.5	3.45	9 200	12 000	30303JR	2FB	11.0	22.5	25	41.5	40	42	2	3	1	1	0.29	2.11	1.16	0.133	
	47	15.25	14	12	1	1	34.2	24.5	3.45	9 200	12 000	30303R	—	10.5	22.5	25	41.5	40	42	2	3	1	1	0.28	2.11	1.16	0.127	
	47	20.25	19	16	1	1	39.9	29.9	4.25	9 400	13 000	32303	—	12.4	22.5	25	41.5	39	43	2	4	1	1	0.28	2.11	1.16	0.170	
	47	20.25	19	16	1	1	45.7	35.9	5.10	9 400	13 000	32303JR	2FD	12.2	22.5	25	41.5	39	43	2	4	1	1	0.29	2.11	1.16	0.176	
20	42	15	15	12	0.6	0.6	34.1	31.5	4.35	9 700	13 000	32004JR	3CC	10.5	24.5	25	37.5	35	39	3	3	0.6	0.6	0.37	1.60	0.88	0.102	
	47	15.25	14	12	1	1	34.2	25.5	3.75	9 000	12 000	57008R	—	12.9	25.5	26	41.5	37	44	2	3	1	1	0.52	1.16	0.64	0.125	
	47	15.25	14	12	1	1	33.8	27.2	3.80	8 700	12 000	30204JR	2DB	11.8	25.5	27	41.5	39	44	2	3	1	1	0.35	1.74	0.96	0.127	
	47	19.25	18	15	1	1	41.4	34.7	4.90	8 900	12 000	32204JR	2DD	12.5	25.5	27	41.5	39	43	2	4	1	1	0.33	1.81	1.00	0.159	
	47	19.25	18	16	1	1	41.6	37.0	5.00	9 100	12 000	32204XR	—	15.3	25.5	25	41.5	35	45	2	3	1	1	0.55	1.10	0.60	0.170	
	52	16.25	16	12	1.5	1.5	43.3	28.4	4.65	8 300	11 000	30304AC	—	13.5	28.5	28	43.5	42	49	4	4	1.5	1.5	0.55	1.10	0.60	0.170	
	52	16.25	16	13	1.5	1.5	45.3	35.1	5.05	8 300	11 000	30304AJR	—	11.1	28.5	28	44	44	47	2	3	1.5	1.5	0.30	2.00	1.10	0.179	
	52	22.25	21	18	1.5	1.5	52.3	44.9	6.05	8 600	12 000	32304CR	—	16.5	28.5	25	43.5	37	48	3	4	1.5	1.5	0.55	1.10	0.60	0.250	
	52	22.25	21	18	1.5	1.5	56.5	46.7	6.70	8 400	11 000	32304JR	2FD	14.4	28.5	27	43.5	43	47	3	4	1.5	1.5	0.30	2.00	1.10	0.244	
22	44	15	15	11.5	0.6	0.6	35.4	33.6	4.65	9 100	12 000	320/22JR	3CC	11.0	26.5	27	39.5	38	41	3	3.5	0.6	0.6	0.40	1.51	0.83	0.108	
	47	17	17.5	13.5	1	1	40.9	35.9	5.05	8 700	12 000	T2CC022	2CC	11.3	27.5	28	41.5	40	44	4	3.5	1	1	0.33	1.79	0.99	0.138	
	50	15.25	14	12	1	1	32.1	25.7	3.50	8 400	11 000	302/22CR	—	13.9	27.5	28	44.5	40	47	2	3	1	1	0.55	1.10	0.60	0.140	
	50	15.25	14	12	1	1	36.5	30.9	4.30	8 100	11 000	302/22R	—	12.2	27.5	30	44.5	41	46	2	3	1	1	0.37	1.60	0.88	0.144	
	50	19.25	18	15	1	1	43.8	39.1	5.35	8 400	11 000	322/22CR	—	15.5	27.5	28	44.5	38	47	2	4	1	1	0.55	1.10	0.60	0.170	
	50	19.25	18	15	1	1	46.0	41.6	5.85	8 100	11 000	322/22R	—	14.0	27.5	29	44.5	41	46	2	4	1	1	0.37	1.60	0.88	0.178	
	56	17.25	16	13	1.5	1.5	43.0	33.9	4.70	7 700	10 000	303/22XR	—	15.7	30.5	31	47.5	44	52	3	4	1.5	1.5	0.59	1.02	0.56	0.210	
	56	17.25	16	14	1.5	1.5	52.2	41.1	5.95	7 500	10 000	303/22R	—	12.2	30.5	32	47.5	47	51	2	3	1.5	1.5	0.31	1.97	1.08	0.216	
	56	22.25	21	17	1.5	1.5	60.4	50.6	7.00	8 000	11 000	323/22CR	—	16.9	30.5	28	47.5	41	52	3	5	1.5	1.5	0.55	1.10	0.60	0.290	
	56	22.25	21	18	1.5	1.5	63.3	52.7	7.70	7 600	10 000	323/22R	—	14.6	30.5	31	47.5	46	51	3	4	1.5	1.5	0.31	1.97	1.08	0.273	

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