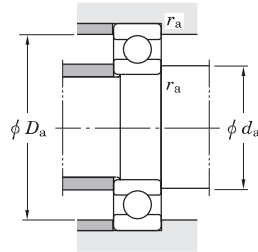
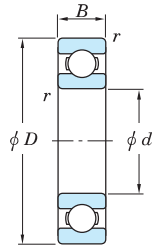


Single-row deep groove ball bearings
open type
 d 30 ~ (40) mm



d (40) ~ (60) mm

Boundary dimensions (mm)				Basic load ratings (kN)		Fatigue load limit (kN) C_u	Factor f_0	Limiting speeds (min ⁻¹)		Bearing No.	Mounting dimensions (mm)			(Refer.) Mass (kg)
d	D	B	r min.	C_r	C_{0r}			Grease lub.	Oil lub.		d_a min.	D_a max.	r_a max.	
30	37	4	0.2	1.45	0.950	0.040	15.7	16 000	19 000	6706	31.6	35.4	0.2	0.008
	42	7	0.3	5.65	3.40	0.140	16.4	15 000	18 000	6806	32	40	0.3	0.026
	47	9	0.3	9.05	5.00	0.260	15.8	14 000	17 000	6906	32	45	0.3	0.045
	55	9	0.3	14.1	7.35	0.440	15.2	13 000	15 000	16006	32	53	0.3	0.085
	55	13	1	16.5	8.25	0.530	14.7	13 000	15 000	6006	35	50	1	0.116
	62	16	1	24.3	11.3	0.800	13.9	11 000	13 000	6206	35	57	1	0.199
	62	16	1	29.2	12.8	1.00	13.0	11 000	13 000	6206R	35	57	1	0.212
	72	19	1.1	33.3	15.0	1.15	13.3	9 600	12 000	6306	36.5	65.5	1	0.346
	72	19	1.1	41.7	17.7	1.55	12.0	9 800	12 000	6306R	36.5	65.5	1	0.379
	90	23	1.5	54.2	23.9	2.05	12.3	8 100	9 700	6406	38	82	1.5	0.735
32	58	13	1	18.8	9.15	0.600	14.5	12 000	14 000	60/32	37	53	1	0.127
	65	17	1	29.4	13.1	0.990	13.3	10 000	12 000	62/32	37	60	1	0.228
	75	20	1.1	37.6	16.2	1.30	12.7	9 300	11 000	63/32	38.5	68.5	1	0.437
35	47	7	0.3	5.95	3.85	0.160	16.5	13 000	16 000	6807	37	45	0.3	0.030
	55	10	0.6	13.6	7.75	0.440	15.7	12 000	14 000	6907	39	51	0.6	0.073
	62	9	0.3	15.3	8.85	0.500	15.7	11 000	13 000	16007	37	60	0.3	0.110
	62	14	1	19.9	10.3	0.640	14.9	11 000	13 000	6007	40	58	1	0.155
	72	17	1.1	32.1	15.4	1.10	13.9	9 200	11 000	6207	41.5	65.5	1	0.288
	72	17	1.1	38.7	17.5	1.40	12.9	9 300	11 000	6207R	41.5	65.5	1	0.309
	80	21	1.5	41.7	19.3	1.45	13.2	8 500	10 000	6307	43	72	1.5	0.457
	80	21	1.5	50.0	21.7	1.90	12.1	8 700	10 000	6307R	43	72	1.5	0.494
	100	25	1.5	68.8	31.0	2.65	12.2	7 200	8 600	6407	43	92	1.5	0.952
40	52	7	0.3	6.15	4.20	0.180	16.3	12 000	14 000	6808	42	50	0.3	0.033
	62	12	0.6	17.1	9.95	0.570	15.6	11 000	13 000	6908	44	58	0.6	0.112
	68	9	0.3	15.8	9.65	0.530	16.0	9 800	12 000	16008	42	66	0.3	0.125
	68	15	1	20.9	11.5	0.690	15.2	10 000	12 000	6008	45	63	1	0.192
	80	18	1.1	36.4	17.8	1.25	14.0	8 300	10 000	6208	46.5	73.5	1	0.366
	90	23	1.5	50.9	24.0	1.85	13.2	7 700	9 200	6308	48	82	1.5	0.633

[Remark] Standard cage types used for the above bearings are described earlier in this section.

Boundary dimensions (mm)				Basic load ratings (kN)		Fatigue load limit (kN) C_u	Factor f_0	Limiting speeds (min ⁻¹)		Bearing No.	Mounting dimensions (mm)			(Refer.) Mass (kg)
d	D	B	r min.	C_r	C_{0r}			Grease lub.	Oil lub.		d_a min.	D_a max.	r_a max.	
40	110	27	2	79.6	36.6	3.15	12.3	6 600	7 900	6408	49	101	2	1.23
45	58	7	0.3	7.75	5.40	0.230	16.3	11 000	13 000	6809	47	56	0.3	0.040
	68	12	0.6	17.7	10.9	0.600	15.9	9 700	11 000	6909	49	64	0.6	0.132
	75	10	0.6	19.4	12.3	0.670	16.0	8 900	10 000	16009	49	71	0.6	0.170
	75	16	1	26.2	15.1	0.900	15.3	9 200	11 000	6009	50	70	1	0.245
	85	19	1.1	40.9	20.3	1.40	14.0	7 700	9 200	6209	51.5	78.5	1	0.407
	100	25	1.5	61.1	29.5	2.25	13.3	6 800	8 100	6309	53	92	1.5	0.833
	120	29	2	96.5	45.1	3.90	12.2	6 000	7 200	6409	54	111	2	1.53
	65	7	0.3	8.20	6.10	0.260	16.1	9 600	11 000	6810	52	63	0.3	0.052
	72	12	0.6	18.2	11.7	0.640	16.1	9 000	11 000	6910	54	68	0.6	0.133
	80	10	0.6	20.0	13.3	0.710	16.2	8 200	9 700	16010	54	76	0.6	0.180
50	80	16	1	27.3	16.6	0.960	15.6	8 400	9 900	6010	55	75	1	0.261
	90	20	1.1	43.9	23.3	1.55	14.4	7 100	8 500	6210	56.5	83.5	1	0.463
	90	20	1.1	50.5	25.5	1.80	13.9	7 100	8 600	6210R	56.5	83.5	1	0.487
	110	27	2	77.5	38.3	2.90	13.2	6 100	7 300	6310	59	101	2	1.07
	130	31	2.1	104	49.5	4.10	12.5	5 500	6 600	6410	61	119	2	1.88
	72	9	0.3	11.0	8.10	0.420	16.2	8 700	10 000	6811	57	70	0.3	0.083
	80	13	1	20.8	14.1	0.760	16.2	8 100	9 600	6911	60	75	1	0.185
	90	11	0.6	24.2	16.3	0.880	16.2	7 400	8 800	16011	59	86	0.6	0.260
	90	18	1.1	35.3	21.2	1.25	15.3	7 600	8 900	6011	61.5	83.5	1	0.385
	100	21	1.5	54.2	29.4	1.95	14.4	6 300	7 600	6211	63	92	1.5	0.607
60	120	29	2	89.5	45.0	3.45	13.2	5 600	6 700	6311	64	111	2	1.37
	140	33	2.1	126	62.3	5.35	12.2	5 000	6 000	6411	66	129	2	2.29
	78	10	0.3	14.3	10.6	0.550	16.3	8 000	9 400	6812	62	76	0.3	0.104
	85	13	1	25.2	17.3	0.940	16.2	7 500	8 900	6912	65	80	1	0.192
	95	11	0.6	24.8	17.6	0.930	16.4	6 900	8 100	16012	64	91	0.6	0.280
	95	18	1.1	36.8	23.2	1.35	15.6	7 100	8 400	6012	66.5	88.5	1	0.415