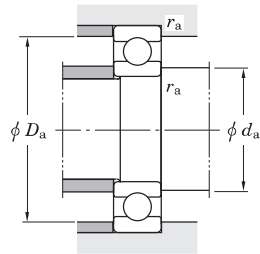
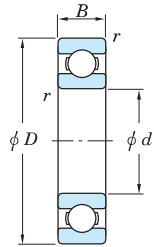


Single-row deep groove ball bearings
open type
 d 10 ~ (17) mm



d (17) ~ 28 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.	
10	15	3	0.1	1.05	0.430	0.020	15.7	39 000	47 000	6700	10.8	14.2	0.1	0.002
	19	5	0.3	2.15	0.840	0.030	14.8	37 000	43 000	6800	12	17	0.3	0.005
	22	6	0.3	3.35	1.25	0.070	14.0	34 000	41 000	6900	12	20	0.3	0.010
	26	8	0.3	5.70	1.95	0.100	12.3	31 000	36 000	6000	12	24	0.3	0.019
	30	9	0.6	6.40	2.40	0.120	13.2	24 000	29 000	6200	14	26	0.6	0.032
	35	11	0.6	10.1	3.45	0.270	11.2	22 000	27 000	6300	14	31	0.6	0.053
12	18	4	0.2	1.15	0.530	0.023	16.2	34 000	41 000	6701	13.6	16.4	0.2	0.003
	21	5	0.3	2.40	1.05	0.040	15.3	33 000	39 000	6801	14	19	0.3	0.006
	24	6	0.3	3.60	1.45	0.080	14.5	31 000	36 000	6901	14	22	0.3	0.011
	28	7	0.3	6.40	2.40	0.120	13.2	27 000	32 000	16001	14	26	0.3	0.024
	28	8	0.3	6.40	2.40	0.120	13.2	27 000	32 000	6001	14	26	0.3	0.022
	32	10	0.6	8.50	3.05	0.240	12.3	22 000	27 000	6201	16	28	0.6	0.037
	37	12	1	12.1	4.20	0.420	11.1	20 000	25 000	6301	17	32	1	0.060
15	21	4	0.2	1.15	0.580	0.024	16.7	29 000	35 000	6702	16.6	19.4	0.2	0.004
	24	5	0.3	2.60	1.25	0.050	15.8	28 000	33 000	6802	17	22	0.3	0.007
	28	7	0.3	5.40	2.25	0.120	14.3	26 000	30 000	6902	17	26	0.3	0.017
	32	8	0.3	7.00	2.85	0.150	13.9	23 000	28 000	16002	17	30	0.3	0.025
	32	9	0.3	7.00	2.85	0.150	13.9	23 000	27 000	6002	17	30	0.3	0.030
	35	11	0.6	9.55	3.75	0.290	13.2	20 000	24 000	6202	19	31	0.6	0.045
	42	13	1	14.3	5.45	0.460	12.3	17 000	20 000	6302	20	37	1	0.082
17	23	4	0.2	1.25	0.660	0.027	16.9	27 000	32 000	6703	18.6	21.4	0.2	0.005
	26	5	0.3	3.30	1.55	0.060	15.7	26 000	30 000	6803	19	24	0.3	0.008
	30	7	0.3	5.75	2.55	0.130	14.7	23 000	28 000	6903	19	28	0.3	0.018
	35	8	0.3	7.50	3.25	0.170	14.4	21 000	25 000	16003	19	33	0.3	0.032
	35	10	0.3	7.50	3.25	0.170	14.4	21 000	25 000	6003	19	33	0.3	0.039
	40	12	0.6	12.0	4.80	0.370	13.2	17 000	21 000	6203	21	36	0.6	0.065
	47	14	1	17.0	6.65	0.550	12.4	15 000	18 000	6303	22	42	1	0.115
	47	14	1	19.6	7.60	0.680	12.0	15 000	18 000	6303R	22	42	1	0.121

[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.	
17	62	17	1.1	25.9	9.85	0.920	11.6	13 000	15 000	6403	23.5	55.5	1	0.270
20	27	4	0.2	1.30	0.730	0.030	16.1	23 000	27 000	6704	21.6	25.4	0.2	0.006
	32	7	0.3	5.00	2.45	0.100	15.5	21 000	25 000	6804	22	30	0.3	0.018
	37	9	0.3	7.95	3.70	0.190	14.7	19 000	23 000	6904	22	35	0.3	0.036
	42	8	0.3	9.90	4.50	0.290	14.4	17 000	21 000	16004	22	40	0.3	0.050
	42	12	0.6	11.7	5.05	0.350	13.9	17 000	21 000	6004	24	38	0.6	0.069
	42	12	0.6	14.4	5.85	0.460	13.0	18 000	21 000	6004R	24	38	0.6	0.073
	47	14	1	16.0	6.65	0.510	13.2	15 000	17 000	6204	25	42	1	0.106
	47	14	1	19.6	7.60	0.680	12.0	15 000	18 000	6204R	25	42	1	0.114
	52	15	1.1	19.9	7.85	0.660	12.3	14 000	17 000	6304	26.5	45.5	1	0.144
	52	15	1.1	22.6	8.95	0.790	12.0	14 000	16 000	6304R	26.5	45.5	1	0.151
	72	19	1.1	38.7	15.2	1.50	11.1	11 000	13 000	6404	26.5	65.5	1	0.400
22	44	12	0.6	11.7	5.15	0.350	14.1	17 000	20 000	60/22	26	40	0.6	0.073
	50	14	1	16.0	6.65	0.510	13.2	15 000	17 000	62/22	27	45	1	0.118
	56	16	1.1	23.1	9.40	0.770	12.6	13 000	15 000	63/22	28.5	49.5	1	0.201
25	32	4	0.2	1.35	0.840	0.035	15.8	19 000	22 000	6705	26.6	30.4	0.2	0.006
	37	7	0.3	5.40	2.95	0.120	16.0	18 000	21 000	6805	27	35	0.3	0.022
	42	9	0.3	8.75	4.55	0.230	15.4	16 000	19 000	6905	27	40	0.3	0.041
	47	8	0.3	11.1	5.60	0.340	15.1	15 000	18 000	16005	27	45	0.3	0.060
	47	12	0.6	12.6	5.85	0.380	14.5	15 000	18 000	6005	29	43	0.6	0.080
	52	15	1	17.5	7.85	0.550	13.9	13 000	15 000	6205	30	47	1	0.128
	52	15	1	22.1	9.30	0.740	12.8	13 000	16 000	6205R	30	47	1	0.138
	62	17	1.1	25.7	11.3	0.860	13.2	11 000	13 000	6305	31.5	55.5	1	0.232
	62	17	1.1	32.7	13.4	1.20	11.9	11 000	14 000	6305R	31.5	55.5	1	0.255
	80	21	1.5	45.2	19.4	1.65	12.2	9 100	11 000	6405	33	72	1.5	0.530
28	52	12	0.6	15.6	7.40	0.480	14.5	14 000	16 000	60/28	32	48	0.6	0.097
	58	16	1	22.4	9.75	0.720	13.4	12 000	14 000	62/28	33	53	1	0.173
	68	18	1.1	29.4	13.1	0.990	13.3	10 000	12 000	63/28	34.5	61.5	1	0.328