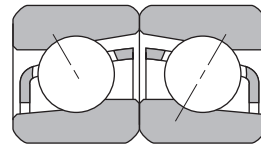
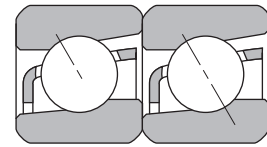


Back-to-back arrangement (DB)



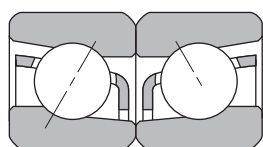
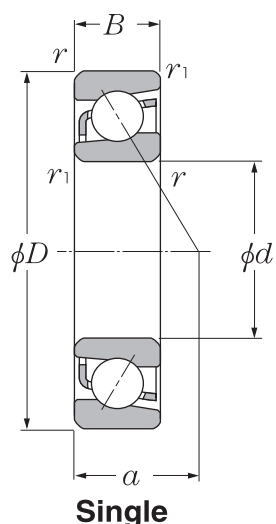
Face-to-face arrangement (DF)



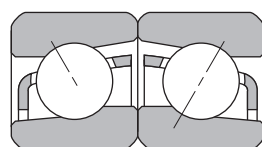
Tandem arrangement (DT)

d 10~35mm

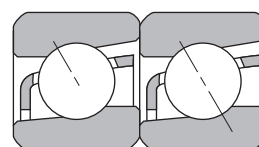
d	Boundary dimensions				Basic load ratings				Limiting speeds		Bearing numbers	Load center mm a	Mass kg (approx.)
	D	B	r _{s min}	r _{1s min}	dynamic kN C _r	static kN C _{or}	dynamic kgf C _r	static kgf C _{or}	grease	oil			
10	30	9	0.6	0.3	5.45	2.74	555	279	28 000	37 000	7200	10.5	0.029
	30	9	0.6	0.3	5.00	2.52	510	257	24 000	32 000	7200B	13.0	0.029
	35	11	0.6	0.3	10.10	4.95	1 030	500	26 000	34 000	7300	12.0	0.040
	35	11	0.6	0.3	9.50	4.60	970	470	22 000	29 000	7300B	15.0	0.041
12	32	10	0.6	0.3	7.60	3.95	775	405	25 000	33 000	7201	11.5	0.035
	32	10	0.6	0.3	7.00	3.65	775	405	21 000	28 000	7201B	14.0	0.036
	37	12	1.0	0.6	11.20	5.25	1 140	535	23 000	30 000	7301	13.0	0.044
	37	12	1.0	0.6	10.50	4.95	1 080	505	19 000	26 000	7301B	16.5	0.045
15	35	11	0.6	0.3	9.05	4.70	925	480	22 000	29 000	7202	12.5	0.046
	35	11	0.6	0.3	8.35	4.35	855	445	18 000	25 000	7202B	16.0	0.046
	42	13	1.0	0.6	13.50	7.20	1 370	735	19 000	26 000	7302	15.0	0.055
	42	13	1.0	0.6	12.50	6.65	1 270	680	17 000	22 000	7302B	19.0	0.057
17	40	12	0.6	0.3	12.00	6.60	1 220	675	19 000	26 000	7203	14.5	0.064
	40	12	0.6	0.3	11.00	6.10	1 120	625	17 000	22 000	7203B	18.0	0.066
	47	14	1.0	0.6	15.90	8.65	1 630	880	18 000	24 000	7303	16.0	0.107
	47	14	1.0	0.6	14.80	8.00	1 510	820	15 000	20 000	7303B	20.5	0.109
20	47	14	1.0	0.6	14.50	8.40	1 480	855	17 000	23 000	7204	17.0	0.100
	47	14	1.0	0.6	13.30	7.70	1 360	785	15 000	20 000	7204B	21.5	0.102
	52	15	1.1	0.6	18.70	10.40	1 910	1 060	16 000	21 000	7304	18.0	0.138
	52	15	1.1	0.6	17.30	9.65	1 770	985	13 000	18 000	7304B	22.5	0.141
25	52	15	1.0	0.6	16.20	10.30	1 650	1 050	14 000	19 000	7205	19.0	0.125
	52	15	1.0	0.6	14.80	9.40	1 510	960	12 000	16 000	7205B	24.0	0.129
	62	17	1.1	0.6	26.40	15.80	2 690	1 610	13 000	17 000	7305	21.0	0.230
	62	17	1.1	0.6	24.40	14.60	2 490	1 490	11 000	15 000	7305B	27.0	0.234
30	62	16	1.0	0.6	22.50	14.80	2 300	1 510	12 000	16 000	7206	21.5	0.193
	62	16	1.0	0.6	20.50	13.50	2 090	1 380	11 000	14 000	7206B	27.5	0.197
	72	19	1.1	0.6	33.50	22.30	3 450	2 280	11 000	15 000	7306	24.5	0.345
	72	19	1.1	0.6	31.00	20.50	3 150	2 090	9 600	13 000	7306B	31.5	0.352
35	72	17	1.1	0.6	29.70	20.10	3 050	2 050	11 000	14 000	7207	24.0	0.281
	72	17	1.1	0.6	27.10	18.40	2 760	1 870	9 300	12 000	7207B	31.0	0.287



Back-to-back arrangement (DB)



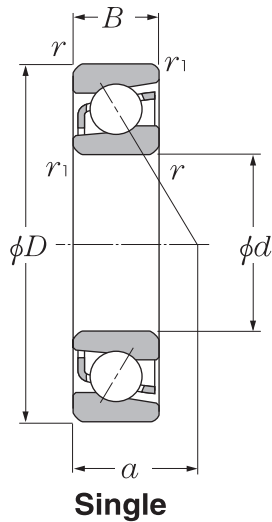
Face-to-face arrangement (DF)



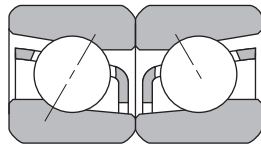
Tandem arrangement (DT)

d 35~70mm

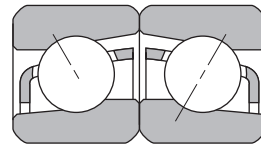
d	Boundary dimensions				Basic load ratings				Limiting speeds		Bearing numbers	Load center mm a	Mass kg (approx.)
	D	B	r _{s min}	r _{1s min}	dynamic kN C _r	static kgf C _{or}	dynamic kgf C _r	static C _{or}	grease	oil			
35	80	21	1.5	1.0	40.00	26.30	4 050	2 680	9 800	13 000	7307	27.0	0.462
	80	21	1.5	1.0	36.50	24.20	3 750	2 470	8 400	11 000	7307B	34.5	0.469
40	80	18	1.1	0.6	35.50	25.10	3 600	2 560	9 600	13 000	7208	26.5	0.355
	80	18	1.1	0.6	32.00	23.00	3 250	2 340	8 300	11 000	7208B	34.0	0.375
	90	23	1.5	1.0	49.00	33.00	5 000	3 350	8 600	12 000	7308	30.5	0.625
	90	23	1.5	1.0	45.00	30.50	4 550	3 100	7 400	9 900	7308B	39.0	0.636
45	85	19	1.1	0.6	39.50	28.70	4 050	2 930	8 700	12 000	7209	28.5	0.404
	85	19	1.1	0.6	36.00	26.20	3 650	2 680	7 400	9 900	7209B	37.0	0.410
	100	25	1.5	1.0	63.50	44.00	6 450	4 500	7 800	10 000	7309	33.5	0.837
	100	25	1.5	1.0	58.50	40.00	5 950	4 100	6 600	8 900	7309B	43.0	0.854
50	90	20	1.1	0.6	41.50	31.50	4 200	3 200	7 900	10 000	7210	30.0	0.457
	90	20	1.1	0.6	37.50	28.60	3 800	2 920	6 700	9 000	7210B	39.5	0.466
	110	27	2.0	1.0	74.50	52.50	7 600	5 350	7 100	9 400	7310	36.5	1.090
	110	27	2.0	1.0	68.00	48.00	6 950	4 950	6 000	8 100	7310B	47.0	1.110
55	100	21	1.5	1.0	51.00	39.50	5 200	4 050	7 100	9 500	7211	33.0	0.600
	100	21	1.5	1.0	46.50	36.00	4 700	3 700	6 100	8 200	7211B	43.0	0.612
	120	29	2.0	1.0	86.00	61.50	8 750	6 300	6 400	8 600	7311	40.0	1.390
	120	29	2.0	1.0	79.00	56.50	8 050	5 800	5 500	7 300	7311B	52.0	1.420
60	110	22	1.5	1.0	61.50	49.00	6 300	5 000	6 600	8 800	7212	36.0	0.765
	110	22	1.5	1.0	56.00	44.50	5 700	4 550	5 700	7 600	7212B	47.5	0.780
	130	31	2.1	1.1	98.00	71.50	10 000	7 300	5 900	7 900	7312	43.0	1.740
	130	31	2.1	1.1	90.00	66.00	9 200	6 700	5 100	6 800	7312B	56.0	1.770
65	120	23	1.5	1.0	70.50	58.00	7 150	5 900	6 100	8 100	7213	38.0	0.962
	120	23	1.5	1.0	63.50	52.50	6 500	5 350	5 200	7 000	7213B	50.5	0.981
	140	33	2.1	1.1	111.00	82.00	11 300	8 350	5 500	7 300	7313	46.0	2.110
	140	33	2.1	1.1	102.00	75.00	10 400	7 700	4 700	6 300	7313B	59.5	2.150
70	125	24	1.5	1.0	76.50	63.50	7 800	6 500	5 700	7 600	7214	40.0	1.090
	125	24	1.5	1.0	69.00	58.00	7 050	5 900	4 900	6 500	7214B	53.0	1.110
	150	35	2.1	1.1	125.00	93.50	12 700	9 550	5 100	6 800	7314	49.5	2.560
	150	35	2.1	1.1	114.00	86.00	11 700	8 800	4 400	5 800	7314B	63.5	2.610



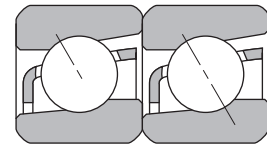
Single



Back-to-back arrangement (DB)



Face-to-face arrangement (DF)



Tandem arrangement (DT)

d 75~100mm

d	Boundary dimensions				Basic load ratings				Limiting speeds		Bearing numbers	Load center mm a	Mass kg (approx.)
	D	B	r _{s min}	r _{1s min}	dynamic kN C _r	static kN C _{or}	dynamic kgf C _r	static kgf C _{or}	grease	oil			
75	130	25	1.5	1.0	79.00	68.50	8 050	7 000	5 300	7 100	7215	42.5	1.170
	130	25	1.5	1.0	71.50	62.00	7 300	6 350	4 500	6 000	7215B	56.0	1.190
	160	37	2.1	1.1	136.00	106.00	13 800	10 800	4 800	6 300	7315	52.5	3.070
	160	37	2.1	1.1	125.00	97.50	12 700	9 900	4 100	5 400	7315B	68.0	3.130
80	140	26	2.0	1.0	89.00	76.00	9 100	7 750	5 000	6 600	7216	45.0	1.390
	140	26	2.0	1.0	80.50	69.50	8 200	7 050	4 300	5 700	7216B	59.0	1.420
	170	39	2.1	1.1	147.00	119.00	15 000	12 100	4 500	5 900	7316	55.5	3.650
	170	39	2.1	1.1	135.00	109.00	13 800	11 100	3 800	5 100	7316B	72.0	3.720
85	150	28	2	1.0	99.50	88.50	10 100	9 050	4 700	6 200	7217	48.0	1.780
	150	28	2	1.0	90.00	80.50	9 150	8 200	4 000	5 300	7217B	63.5	1.820
	180	41	3	1.1	159.00	133.00	16 200	13 500	4 200	5 600	7317	59.0	4.340
	180	41	3	1.1	146.00	122.00	14 800	12 400	3 600	4 800	7317B	76.0	4.430
90	160	30	2.0	1.0	118.00	103.00	12 000	10 500	4 400	5 900	7218	51.0	2.180
	160	30	2.0	1.0	107.00	94.00	10 900	9 550	3 800	5 000	7218B	67.5	2.220
	190	43	3.0	1.1	171.00	147.00	17 400	15 000	4 000	5 300	7318	62.0	5.060
	190	43	3.0	1.1	156.00	135.00	15 900	13 800	3 400	4 500	7318B	80.5	5.160
95	170	32	2.1	1.1	133.00	118.00	13 600	12 000	4 100	5 500	7219	54.5	2.670
	170	32	2.1	1.1	121.00	107.00	12 300	11 000	3 500	4 700	7219B	71.5	2.720
	200	45	3.0	1.1	183.00	162.00	18 600	16 600	3 700	5 000	7319	65.0	5.890
	200	45	3.0	1.1	167.00	149.00	17 100	15 200	3 200	4 200	7319B	84.5	6.000
100	180	34	2.1	1.1	144.00	126.00	14 700	12 800	3 900	5 200	7220	57.5	3.200
	180	34	2.1	1.1	130.00	114.00	13 300	11 700	3 400	4 500	7220B	76.0	3.260
	215	47	3.0	1.1	207.00	193.00	21 100	19 700	3 500	4 700	7320	69.0	7.180
	215	47	3.0	1.1	190.00	178.00	19 400	18 100	3 000	4 000	7320B	89.5	7.320