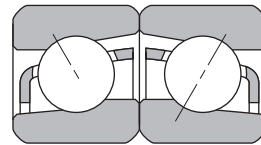
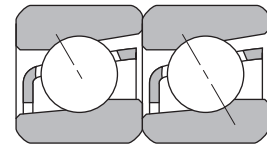


**Back-to-back arrangement (DB)**



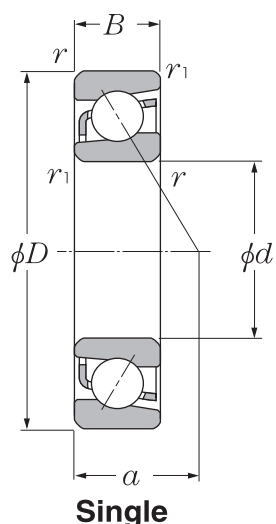
**Face-to-face arrangement (DF)**



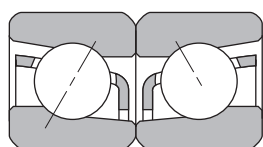
**Tandem arrangement (DT)**

**d 10~35mm**

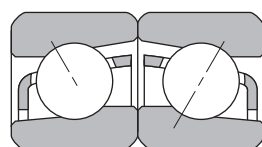
d	Boundary dimensions				Basic load ratings				Limiting speeds		Bearing numbers	Load center mm a	Mass kg (approx.)
	D	B	r <sub>s min</sub>	r <sub>1s min</sub>	dynamic kN C <sub>r</sub>	static kN C <sub>or</sub>	dynamic kgf C <sub>r</sub>	static kgf C <sub>or</sub>	grease	oil			
10	30	9	0.6	0.3	5.45	2.74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



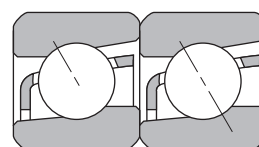
Single



Back-to-back arrangement (DB)



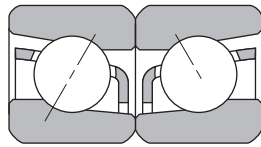
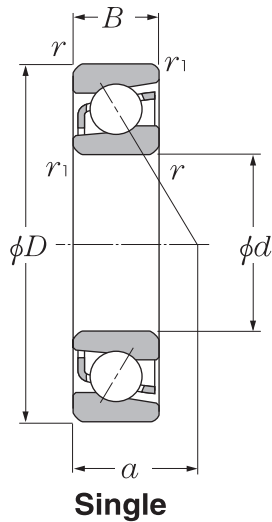
Face-to-face arrangement (DF)



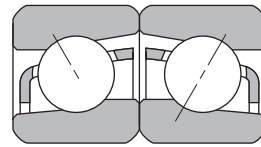
Tandem arrangement (DT)

**d 35~70mm**

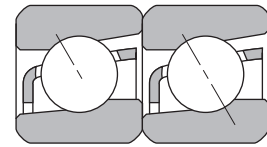
d	Boundary dimensions				Basic load ratings				Limiting speeds		Bearing numbers	Load center mm a	Mass kg (approx.)
	mm				dynamic	static	dynamic	static	min <sup>-1</sup>				
	D	B	r <sub>s min</sub>	r <sub>1s min</sub>	C <sub>r</sub> kN	C <sub>or</sub>	C <sub>r</sub> kgf	C <sub>or</sub>	grease	oil			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



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