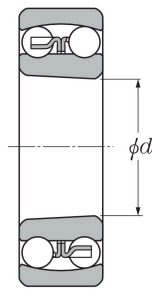
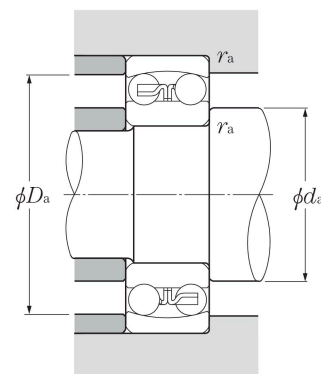


Cylindrical bore



Tapered bore



## d 10 ~ 35mm

Boundary dimensions	Basic load ratings				Limiting speeds		Bearing numbers		Abutment and fillet dimensions					
	mm				dynamic kN	static kgf	min <sup>-1</sup>		cylindrical bore	tapered <sup>2)</sup> bore	mm			
d	D	B	r <sub>s min</sub> <sup>1)</sup>	C <sub>r</sub>	C <sub>or</sub>	C <sub>r</sub>	C <sub>or</sub>	grease	oil			d <sub>a min</sub>	D <sub>a max</sub>	r <sub>as max</sub>
10	30	9	0.6	5.55	1.19	570	121	22 000	28 000	1200S	—	14.0	26.0	0.6
	30	14	0.6	7.45	1.59	760	162	24 000	28 000	2200S	—	14.0	26.0	0.6
	35	11	0.6	7.35	1.62	750	165	20 000	24 000	1300S	—	14.0	31.0	0.6
	35	17	0.6	9.20	2.01	935	205	18 000	22 000	2300S	—	14.0	31.0	0.6
12	32	10	0.6	5.70	1.27	580	130	22 000	26 000	1201S	—	16.0	28.0	0.6
	32	14	0.6	7.75	1.73	790	177	22 000	26 000	2201S	—	16.0	28.0	0.6
	37	12	1	9.65	2.16	985	221	18 000	22 000	1301S	—	17.0	32.0	1
	37	17	1	12.1	2.73	1 240	278	17 000	22 000	2301S	—	17.0	32.0	1
15	35	11	0.6	7.60	1.75	775	179	18 000	22 000	1202S	—	19.0	31.0	0.6
	35	14	0.6	7.80	1.85	795	188	18 000	22 000	2202S	—	19.0	31.0	0.6
	42	13	1	9.70	2.29	990	234	16 000	20 000	1302S	—	20.0	37.0	1
	42	17	1	12.3	2.91	1 250	296	14 000	18 000	2302S	—	20.0	37.0	1
17	40	12	0.6	8.00	2.01	815	205	16 000	20 000	1203S	—	21.0	36.0	0.6
	40	16	0.6	9.95	2.42	1 010	247	16 000	20 000	2203S	—	21.0	36.0	0.6
	47	14	1	12.7	3.20	1 300	325	14 000	17 000	1303S	—	22.0	42.0	1
	47	19	1	14.7	3.55	1 500	365	13 000	16 000	2303S	—	22.0	42.0	1
20	47	14	1	10.0	2.61	1 020	266	14 000	17 000	1204S	1204SK	25.0	42.0	1
	47	18	1	12.8	3.30	1 310	340	14 000	17 000	2204S	2204SK	25.0	42.0	1
	52	15	1.1	12.6	3.35	1 280	340	12 000	15 000	1304S	1304SK	26.5	45.5	1
	52	21	1.1	18.5	4.70	1 880	480	11 000	14 000	2304S	2304SK	26.5	45.5	1
25	52	15	1	12.2	3.30	1 250	335	12 000	14 000	1205S	1205SK	30.0	47.0	1
	52	18	1	12.4	3.45	1 270	350	12 000	14 000	2205S	2205SK	30.0	47.0	1
	62	17	1.1	18.2	5.00	1 850	510	10 000	13 000	1305S	1305SK	31.5	55.5	1
	62	24	1.1	24.9	6.60	2 530	675	9 500	12 000	2305S	2305SK	31.5	55.5	1
30	62	16	1	15.8	4.65	1 610	475	10 000	12 000	1206S	1206SK	35.0	57.0	1
	62	20	1	15.3	4.55	1 560	460	10 000	12 000	2206S	2206SK	35.0	57.0	1
	72	19	1.1	21.4	6.30	2 190	645	8 500	11 000	1306S	1306SK	36.5	65.5	1
	72	27	1.1	32.0	8.75	3 250	895	8 000	10 000	2306S	2306SK	36.5	65.5	1
35	72	17	1.1	15.9	5.10	1 620	520	8 500	10 000	1207S	1207SK	41.5	65.5	1
	72	23	1.1	21.7	6.60	2 210	675	8 500	10 000	2207S	2207SK	41.5	65.5	1
	80	21	1.5	25.3	7.85	2 580	800	7 500	9 500	1307S	1307SK	43.0	72.0	1.5
	80	31	1.5	40.0	11.3	4 100	1 150	7 100	9 000	2307S	2307SK	43.0	72.0	1.5

1) Smallest allowable dimension for chamfer dimension r. 2) "K" indicates bearings have tapered bore with a taper ratio of 1: 12.