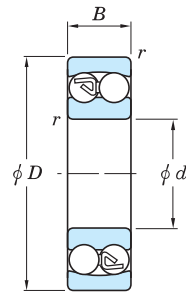
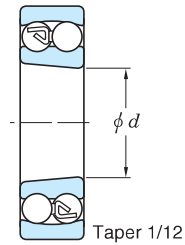


# Self-aligning ball bearings open type

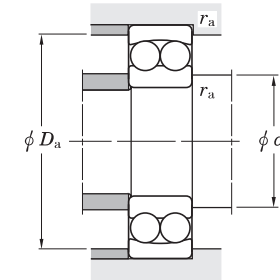
$d$  10 ~ (35) mm



Cylindrical bore



Tapered bore  
Taper 1/12

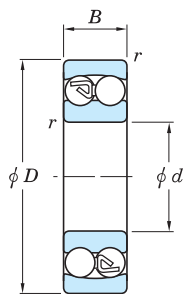


Boundary dimensions (mm)				Basic load ratings (kN)		Fatigue load limit (kN)	Limiting speeds (min <sup>-1</sup> )		Bearing No.		Mounting dimensions (mm)			Con-stant	Axial load factors			(Refer.) Mass (kg)	
$d$	$D$	$B$	$r_{min.}$	$C_r$	$C_{0r}$	$C_u$	Grease lub.	Oil lub.	Cylindrical bore	Tapered bore	$d_a$ min.	$D_a$ max.	$r_a$ max.	$e$	$Y_1$	$Y_2$	$Y_0$	Cylindrical bore	Tapered bore
10	30	9	0.6	5.50	1.20	0.08	23 000	28 000	1200	—	14	26	0.6	0.33	1.92	2.97	2.01	0.034	—
	30	14	0.6	7.40	1.60	0.10	23 000	29 000	2200	—	14	26	0.6	0.59	1.07	1.65	1.12	0.047	—
12	32	10	0.6	5.60	1.25	0.08	21 000	26 000	1201	—	16	28	0.6	0.33	1.89	2.93	1.98	0.040	—
	32	14	0.6	7.65	1.75	0.11	21 000	26 000	2201	—	16	28	0.6	0.53	1.18	1.83	1.24	0.053	—
15	35	11	0.6	7.45	1.75	0.11	18 000	22 000	1202	—	19	31	0.6	0.33	1.90	2.95	2.00	0.049	—
	35	14	0.6	7.70	1.85	0.12	18 000	22 000	2202	—	19	31	0.6	0.50	1.27	1.97	1.33	0.060	—
	42	13	1	9.55	2.30	0.14	16 000	20 000	1302	—	20	37	1	0.34	1.86	2.88	1.95	0.094	—
	42	17	1	12.1	2.90	0.18	14 000	20 000	2302	—	20	37	1	0.50	1.27	1.96	1.33	0.114	—
17	40	12	0.6	7.90	2.05	0.13	16 000	20 000	1203	—	21	36	0.6	0.31	2.03	3.14	2.12	0.073	—
	40	16	0.6	9.80	2.40	0.15	16 000	20 000	2203	—	21	36	0.6	0.50	1.27	1.96	1.33	0.088	—
	47	14	1	12.5	3.20	0.20	14 000	17 000	1303	—	22	42	1	0.33	1.92	2.97	2.01	0.130	—
	47	19	1	14.5	3.60	0.23	13 000	18 000	2303	—	22	42	1	0.49	1.28	1.98	1.34	0.158	—
20	47	14	1	9.90	2.65	0.16	14 000	17 000	1204	1204K	25	42	1	0.29	2.16	3.35	2.27	0.120	0.118
	47	18	1	12.6	3.25	0.21	14 000	17 000	2204	2204K	25	42	1	0.48	1.31	2.02	1.37	0.140	0.136
	52	15	1.1	12.4	3.35	0.21	13 000	15 000	1304	1304K	26.5	45.5	1	0.30	2.12	3.28	2.22	0.163	0.161
	52	21	1.1	18.0	4.65	0.30	11 000	15 000	2304	2304K	26.5	45.5	1	0.49	1.29	2.00	1.35	0.209	0.205
25	52	15	1	12.1	3.30	0.21	12 000	14 000	1205	1205K	30	47	1	0.28	2.28	3.52	2.39	0.141	0.138
	52	18	1	12.6	3.50	0.22	12 000	15 000	2205	2205K	30	47	1	0.40	1.58	2.45	1.66	0.163	0.158
	62	17	1.1	18.0	5.05	0.32	9 900	12 000	1305	1305K	31.5	55.5	1	0.27	2.31	3.57	2.42	0.257	0.252
	62	24	1.1	24.5	6.55	0.42	9 400	13 000	2305	2305K	31.5	55.5	1	0.46	1.36	2.10	1.42	0.335	0.327
30	62	16	1	15.6	4.70	0.29	9 900	12 000	1206	1206K	35	57	1	0.25	2.55	3.94	2.67	0.220	0.216
	62	20	1	15.5	4.65	0.29	10 000	12 000	2206	2206K	35	57	1	0.35	1.79	2.77	1.87	0.260	0.254
	72	19	1.1	21.3	6.30	0.40	8 700	11 000	1306	1306K	36.5	65.5	1	0.26	2.40	3.72	2.52	0.387	0.381
	72	27	1.1	31.5	8.70	0.55	8 000	11 000	2306	2306K	36.5	65.5	1	0.44	1.44	2.23	1.51	0.500	0.489
35	72	17	1.1	15.8	5.15	0.32	8 500	10 000	1207	1207K	41.5	65.5	1	0.23	2.71	4.20	2.84	0.323	0.317

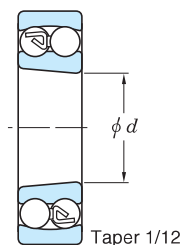
[Remark] Standard cage types used for the above bearings are described earlier in this section.

# Self-aligning ball bearings open type

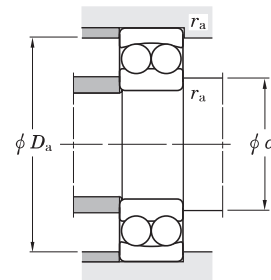
$d$  (35) ~ 65 mm



Cylindrical bore



Tapered bore

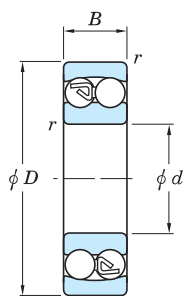


Boundary dimensions (mm)				Basic load ratings (kN)		Fatigue load limit (kN) $C_u$	Limiting speeds ( $\text{min}^{-1}$ )		Bearing No.		Mounting dimensions (mm)			Con-stant $e$	Axial load factors			(Refer.) Mass (kg)	
$d$	$D$	$B$	$r_{\text{min.}}$	$C_r$	$C_{0r}$		Grease lub.	Oil lub.	Cylindrical bore	Tapered bore	$d_a$ min.	$D_a$ max.	$r_a$ max.		$Y_1$	$Y_2$	$Y_0$	Cylindrical bore	Tapered bore
35	72	23	1.1	21.6	6.65	0.42	8 500	10 000	2207	2207K	41.5	65.5	1	0.37	1.71	2.65	1.79	0.403	0.396
	80	21	1.5	25.1	7.95	0.49	7 600	9 300	1307	1307K	43	72	1.5	0.25	2.48	3.84	2.60	0.510	0.502
	80	31	1.5	39.5	11.1	0.71	7 100	9 800	2307	2307K	43	72	1.5	0.45	1.39	2.15	1.46	0.675	0.657
40	80	18	1.1	19.2	6.50	0.41	7 500	9 200	1208	1208K	46.5	73.5	1	0.22	2.83	4.38	2.97	0.417	0.411
	80	23	1.1	22.4	7.35	0.46	7 600	9 300	2208	2208K	46.5	73.5	1	0.33	1.92	2.96	2.01	0.505	0.494
	90	23	1.5	29.6	9.80	0.61	6 900	8 400	1308	1308K	48	82	1.5	0.25	2.57	3.98	2.69	0.715	0.704
	90	33	1.5	44.9	13.4	0.85	6 200	8 600	2308	2308K	48	82	1.5	0.43	1.47	2.27	1.54	0.925	0.903
45	85	19	1.1	21.8	7.35	0.46	7 000	8 500	1209	1209K	51.5	78.5	1	0.21	2.94	4.56	3.09	0.465	0.459
	85	23	1.1	23.3	8.15	0.51	7 000	8 500	2209	2209K	51.5	78.5	1	0.30	2.09	3.23	2.19	0.545	0.533
	100	25	1.5	38.1	12.9	0.80	6 100	7 500	1309	1309K	53	92	1.5	0.25	2.56	3.95	2.68	0.957	0.942
	100	36	1.5	54.4	16.6	1.05	5 600	7 700	2309	2309K	53	92	1.5	0.42	1.51	2.33	1.58	1.23	1.20
50	90	20	1.1	22.7	8.10	0.51	6 500	7 900	1210	1210K	56.5	83.5	1	0.21	3.07	4.76	3.22	0.525	0.515
	90	23	1.1	23.3	8.50	0.53	6 500	7 900	2210	2210K	56.5	83.5	1	0.27	2.33	3.61	2.45	0.590	0.577
	110	27	2	43.4	14.2	0.89	5 600	6 800	1310	1310K	59	101	2	0.23	2.70	4.17	2.83	1.21	1.19
	110	40	2	64.6	20.1	1.25	5 100	7 000	2310	2310K	59	101	2	0.40	1.56	2.41	1.63	1.64	1.60
55	100	21	1.5	26.8	10.0	0.63	5 800	7 100	1211	1211K	63	92	1.5	0.20	3.19	4.94	3.34	0.705	0.693
	100	25	1.5	26.5	9.95	0.62	5 800	7 100	2211	2211K	63	92	1.5	0.27	2.35	3.64	2.47	0.810	0.792
	120	29	2	51.3	18.1	1.10	5 000	6 200	1311	1311K	64	111	2	0.23	2.70	4.18	2.83	1.58	1.56
	120	43	2	75.4	23.8	1.50	4 600	6 400	2311	2311K	64	111	2	0.41	1.53	2.37	1.60	2.10	2.05
60	110	22	1.5	30.2	11.6	0.73	5 200	6 400	1212	1212K	68	102	1.5	0.19	3.37	5.22	3.53	0.900	0.885
	110	28	1.5	34.1	12.5	0.80	5 300	6 500	2212	2212K	68	102	1.5	0.28	2.26	3.49	2.36	1.09	1.07
	130	31	2.1	57.1	20.8	1.30	4 500	5 500	1312	1312K	71	119	2	0.22	2.91	4.50	3.05	1.96	1.93
	130	46	2.1	87.3	28.1	1.80	4 200	5 800	2312	2312K	71	119	2	0.39	1.62	2.51	1.70	2.60	2.53
65	120	23	1.5	31.0	12.4	0.79	4 800	5 800	1213	1213K	73	112	1.5	0.17	3.67	5.68	3.84	1.15	1.13
	120	31	1.5	43.6	16.4	1.05	4 900	5 900	2213	2213K	73	112	1.5	0.28	2.24	3.47	2.35	1.46	1.43
	140	33	2.1	61.7	22.9	1.40	4 300	5 200	1313	1313K	76	129	2	0.23	2.73	4.23	2.86	2.45	2.41

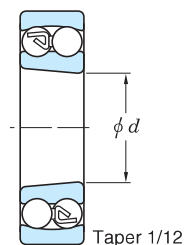
[Remark] Standard cage types used for the above bearings are described earlier in this section.

# Self-aligning ball bearings open type

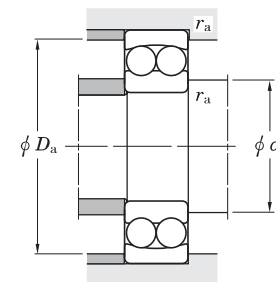
$d$  70 ~ 90 mm



Cylindrical bore



Tapered bore  
Taper 1/12

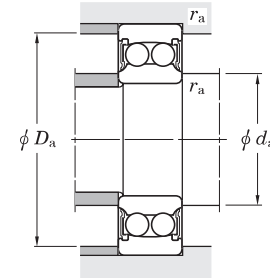
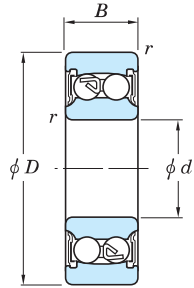


Boundary dimensions (mm)				Basic load ratings (kN)		Fatigue load limit (kN) $C_u$	Limiting speeds ( $\text{min}^{-1}$ )		Bearing No.		Mounting dimensions (mm)			Con-stant $e$	Axial load factors			(Refer.) Mass (kg)	
$d$	$D$	$B$	$r_{\text{min.}}$	$C_r$	$C_{0r}$		Grease lub.	Oil lub.	Cylindrical bore	Tapered bore	$d_a$ min.	$D_a$ max.	$r_a$ max.		$Y_1$	$Y_2$	$Y_0$	Cylindrical bore	Tapered bore
<b>70</b>	125	24	1.5	34.7	13.7	0.87	4 600	5 700	<b>1214</b>	—	78	117	1.5	0.18	3.48	5.38	3.64	1.26	—
	150	35	2.1	74.0	27.6		1.65	4 000		4 900	<b>1314</b>	—	81		139	2	0.22	2.84	4.40
<b>75</b>	130	25	1.5	38.8	15.5	0.97	4 300	5 300	<b>1215</b>	<b>1215K</b>	83	122	1.5	0.17	3.60	5.58	3.77	1.36	1.34
	160	37	2.1	78.9	29.9		1.70	4 000			4 900	<b>1315</b>	<b>1315K</b>		86	149	2	0.23	2.80
<b>80</b>	140	26	2	39.7	16.9	1.00	4 000	4 900	<b>1216</b>	<b>1216K</b>	89	131	2	0.16	3.90	6.03	4.08	1.67	1.64
	170	39	2.1	88.1	32.9		1.85	3 500			4 300	<b>1316</b>	<b>1316K</b>		91	159	2	0.22	2.90
<b>85</b>	150	28	2	49.2	20.5	1.20	3 800	4 600	<b>1217</b>	<b>1217K</b>	94	141	2	0.17	3.61	5.59	3.78	2.07	2.04
	180	41	3	97.3	37.8		2.05	3 300			4 000	<b>1317</b>	<b>1317K</b>		98	167	2.5	0.22	2.93
<b>90</b>	160	30	2	56.8	23.4	1.30	3 500	4 300	<b>1218</b>	<b>1218K</b>	99	151	2	0.17	3.69	5.70	3.86	2.52	2.48
	190	43	3	116	44.7		2.35	3 100			3 800	<b>1318</b>	<b>1318K</b>		103	177	2.5	0.22	2.81

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

# Self-aligning ball bearings sealed type

$d$  10 ~ 55 mm

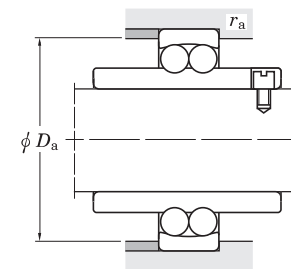
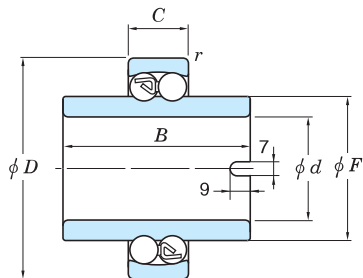


Boundary dimensions (mm)				Basic load ratings (kN)		Fatigue load limit (kN) $C_u$	Limiting speed ( $\text{min}^{-1}$ ) Grease lub.	Bearing No.	Mounting dimensions (mm)				Con- stant $e$	Axial load factors			(Refer.) Mass (kg)
$d$	$D$	$B$	$r_{\text{min}}$	$C_r$	$C_{0r}$				$d_a$ min.	$d_a$ max.	$D_a$ max.	$r_a$ max.		$Y_1$	$Y_2$	$Y_0$	
10	30	14	0.6	5.50	1.20	0.08	15 000	2200 2RS	13.7	13.7	25	0.6	0.33	1.92	2.97	2.01	0.047
12	32	14	0.6	5.60	1.25	0.08	14 000	2201 2RS	15.2	15.2	27	0.6	0.33	1.89	2.93	1.98	0.053
15	35	14	0.6	7.45	1.75	0.11	12 000	2202 2RS 2302 2RS	18.0	18.0	30	0.6	0.33	1.90	2.95	2.00	0.060
		42	17	1	9.55				2.30	0.14	11 000	20.0		20.0	36	1	
17	40	16	0.6	7.90	2.05	0.13	11 000	2203 2RS 2303 2RS	20.2	20.2	35	0.6	0.31	2.03	3.14	2.12	0.088
		47	19	1	12.5				3.20	0.20	9 400	22.1		22.1	41	1	
20	47	18	1	9.90	2.65	0.16	9 100	2204 2RS 2304 2RS	24.1	24.1	41	1	0.29	2.16	3.35	2.27	0.140
		52	21	1.1	12.4				3.35	0.21	8 300	26.2		26.2	45	1	
25	52	18	1	12.1	3.30	0.21	7 900	2205 2RS 2305 2RS	29.4	29.4	46	1	0.28	2.28	3.52	2.39	0.163
		62	24	1.1	18.0				5.05	0.32	6 600	32		33.9	55	1	
30	62	20	1	15.6	4.70	0.29	6 600	2206 2RS 2306 2RS	35.5	35.5	56	1	0.25	2.55	3.94	2.67	0.260
		72	27	1.1	21.3				6.30	0.40	5 800	37		37.8	65	1	
35	72	23	1.1	15.8	5.15	0.32	5 700	2207 2RS 2307 2RS	40.9	40.9	65	1	0.23	2.71	4.20	2.84	0.403
		80	31	1.5	25.1				7.95	0.49	5 100	43.5		45.0	71.5	1.5	
40	80	23	1.1	19.2	6.50	0.41	5 000	2208 2RS 2308 2RS	47	48.1	73	1	0.22	2.83	4.38	2.97	0.505
		90	33	1.5	29.6				9.80	0.61	4 600	48.5		49.6	81.5	1.5	
45	85	23	1.1	21.8	7.35	0.46	4 600	2209 2RS 2309 2RS	52	52.4	78	1	0.21	2.94	4.56	3.09	0.545
		100	36	1.5	38.1				12.9	0.80	4 100	53.5		56.6	91.5	1.5	
50	90	23	1.1	22.7	8.10	0.51	4 300	2210 2RS 2310 2RS	56.5	56.5	83	1	0.21	3.07	4.76	3.22	0.590
		110	40	2	43.4				14.2	0.89	3 700	60		62.5	100	2	
55	100	25	1.5	26.8	10.0	0.63	3 900	2211 2RS	63.5	63.5	91.5	1.5	0.20	3.19	4.94	3.34	0.810

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

Self-aligning ball bearings  
extended inner ring type

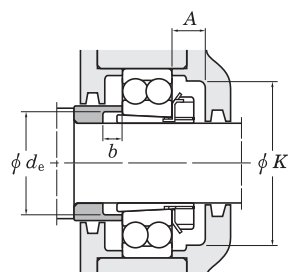
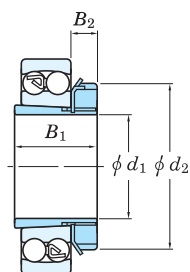
$d$  20 ~ 60 mm



$d$	Boundary dimensions (mm)					Basic load ratings (kN)		Fatigue load limit (kN) $C_u$	Limiting speeds ( $\text{min}^{-1}$ )		Bearing No.	Mounting dimensions (mm)		Constant $e$	Axial load factors			(Refer.) Mass (kg)
	$D$	$B$	$C$	$F$	$r_{\text{min}}$	$C_r$	$C_{0r}$		Grease lub.	Oil lub.		$D_a$ max.	$r_a$ max.		$Y_1$	$Y_2$	$Y_0$	
20	47	40	14	29.2	1	9.90	2.65	0.16	14 000	17 000	11204 11304	42	1	0.29	2.16	3.35	2.27	0.191
	52	44	15	31.5	1.1	12.4	3.35	0.21	13 000	15 000		45.5	1	0.30	2.12	3.28	2.22	0.266
25	52	44	15	33.3	1	12.1	3.30	0.21	12 000	14 000	11205 11305	47	1	0.28	2.28	3.52	2.39	0.226
	62	48	17	38	1.1	18.0	5.05	0.32	9 900	12 000		55.5	1	0.27	2.31	3.57	2.42	0.445
30	62	48	16	40.1	1	15.6	4.70	0.29	9 900	12 000	11206 11306	57	1	0.25	2.55	3.94	2.67	0.360
	72	52	19	45	1.1	21.3	6.30	0.40	8 700	11 000		65.5	1	0.26	2.40	3.72	2.52	0.614
35	72	52	17	47.7	1.1	15.8	5.15	0.32	8 500	10 000	11207 11307	65.5	1	0.23	2.71	4.20	2.84	0.556
	80	56	21	51.7	1.5	25.1	7.95	0.49	7 600	9 300		72	1.5	0.25	2.48	3.84	2.60	0.821
40	80	56	18	54	1.1	19.2	6.50	0.41	7 500	9 200	11208 11308	73.5	1	0.22	2.83	4.38	2.97	0.733
	90	58	23	57.7	1.5	29.6	9.80	0.61	6 900	8 400		82	1.5	0.25	2.57	3.98	2.69	1.09
45	85	58	19	57.7	1.1	21.8	7.35	0.46	7 000	8 500	11209 11309	78.5	1	0.21	2.94	4.56	3.09	0.793
	100	60	25	63.9	1.5	38.1	12.9	0.80	6 100	7 500		92	1.5	0.25	2.56	3.95	2.68	1.40
50	90	58	20	62.7	1.1	22.7	8.10	0.51	6 500	7 900	11210 11310	83.5	1	0.21	3.07	4.76	3.22	0.875
	110	62	27	70.3	2	43.4	14.2	0.89	5 600	6 800		102	2	0.23	2.70	4.17	2.83	1.74
55	100	60	21	70.3	1.5	26.8	10.0	0.63	5 800	7 100	11211	93.5	1.5	0.20	3.19	4.94	3.34	1.16
60	110	62	22	78	1.5	30.2	11.6	0.73	5 200	6 400	11212	103.5	1.5	0.19	3.37	5.22	3.53	1.52

Adapter assemblies for self-aligning ball bearings

$d_1$  17 ~ (45) mm



$d_1$  (45) ~ 80 mm

Boundary dimensions (mm)				Brg. bore $d$ (mm)	Designations Bearing + adapter ass'y	Mounting dimensions (mm)				Mass Brg.+adapter ass'y (kg)	(Refer.)	
$d_1$	$B_1$	$d_2$	$B_2$			A min.	K min.	$d_e$ min.	$b$ min.		Adapter sleeve No.	Locknut No.
<b>17</b>	24	32	7	20	1204K+H204X	—	—	23	5	0.162	A204X	AN04
	28	32	7	20	2204K+H304X	—	—	24	5	0.185	A304X	AN04
	28	32	7	20	1304K+H304X	—	—	24	8	0.210	A304X	AN04
	31	32	7	20	2304K+H2304X	—	—	24	5	0.257	A2304X	AN04
<b>20</b>	26	38	8	25	1205K+H205X	15	45	28	5	0.218	A205X	AN05
	29	38	8	25	2205K+H305X	15	45	29	5	0.243	A305X	AN05
	29	38	8	25	1305K+H305X	15	45	29	6	0.337	A305X	AN05
	35	38	8	25	2305K+H2305X	15	45	29	5	0.424	A2305X	AN05
<b>25</b>	27	45	8	30	1206K+H206X	15	50	33	5	0.320	A206X	AN06
	31	45	8	30	2206K+H306X	15	50	34	5	0.368	A306X	AN06
	31	45	8	30	1306K+H306X	15	50	34	6	0.495	A306X	AN06
	38	45	8	30	2306K+H2306X	15	50	35	5	0.620	A2306X	AN06
<b>30</b>	29	52	9	35	1207K+H207X	17	58	38	5	0.462	A207X	AN07
	35	52	9	35	2207K+H307X	17	58	39	5	0.557	A307X	AN07
	35	52	9	35	1307K+H307X	17	58	39	7	0.663	A307X	AN07
	43	52	9	35	2307K+H2307X	17	58	40	5	0.843	A2307X	AN07
<b>35</b>	31	58	10	40	1208K+H208X	17	65	44	5	0.597	A208X	AN08
	36	58	10	40	2208K+H308X	17	65	44	5	0.696	A308X	AN08
	36	58	10	40	1308K+H308X	17	65	44	5	0.906	A308X	AN08
	46	58	10	40	2308K+H2308X	17	65	45	5	1.14	A2308X	AN08
<b>40</b>	33	65	11	45	1209K+H209X	17	72	49	5	0.701	A209X	AN09
	39	65	11	45	2209K+H309X	17	72	49	8	0.798	A309X	AN09
	39	65	11	45	1309K+H309X	17	72	49	5	1.21	A309X	AN09
	50	65	11	45	2309K+H2309X	17	72	50	5	1.51	A2309X	AN09
<b>45</b>	35	70	12	50	1210K+H210X	19	76	53	5	0.804	A210X	AN10
	42	70	12	50	2210K+H310X	19	76	54	10	0.896	A310X	AN10

Boundary dimensions (mm)				Brg. bore $d$ (mm)	Designations Bearing + adapter ass'y	Mounting dimensions (mm)				Mass Brg.+adapter ass'y (kg)	(Refer.)	
$d_1$	$B_1$	$d_2$	$B_2$			A min.	K min.	$d_e$ min.	$b$ min.		Adapter sleeve No.	Locknut No.
<b>45</b>	42	70	12	50	1310K+H310X	19	76	54	5	1.51	A310X	AN10
	55	70	12	50	2310K+H2310X	19	76	56	5	1.98	A2310X	AN10
<b>50</b>	37	75	12	55	1211K+H211X	19	85	60	6	1.02	A211X	AN11
	45	75	12	55	2211K+H311X	19	85	60	11	1.16	A311X	AN11
	45	75	12	55	1311K+H311X	19	85	60	6	1.93	A311X	AN11
	59	75	12	55	2311K+H2311X	19	85	61	6	2.50	A2311X	AN11
<b>55</b>	38	80	13	60	1212K+H212X	20	90	61	5	1.25	A212X	AN12
	47	80	13	60	2212K+H312X	20	90	65	9	1.49	A312X	AN12
	47	80	13	60	1312K+H312X	20	90	65	5	2.35	A312X	AN12
	62	80	13	60	2312K+H2312X	20	90	66	5	3.04	A2312X	AN12
<b>60</b>	40	85	14	65	1213K+H213X	21	96	70	5	1.56	A213X	AN13
	50	85	14	65	2213K+H313X	21	96	70	8	1.92	A313X	AN13
	50	85	14	65	1313K+H313X	21	96	70	5	2.90	A313X	AN13
<b>65</b>	43	98	15	75	1215K+H215X	23	110	80	5	2.09	A215X	AN15
	55	98	15	75	1315K+H315X	23	110	80	5	4.40	A315X	AN15
<b>70</b>	46	105	17	80	1216K+H216X	25	120	85	5	2.57	A216X	AN16
	59	105	17	80	1316K+H316X	25	120	86	5	5.21	A316X	AN16
<b>75</b>	50	110	18	85	1217K+H217X	27	128	90	6	3.11	A217X	AN17
	63	110	18	85	1317K+H317X	27	128	91	6	6.15	A317X	AN17
<b>80</b>	52	120	18	90	1218K+H218X	28	139	95	6	3.75	A218X	AN18
	65	120	18	90	1318K+H318X	28	139	96	6	7.16	A318X	AN18