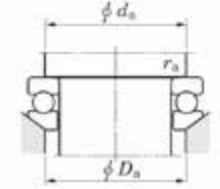
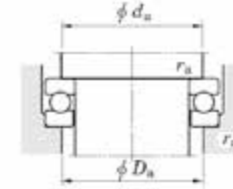
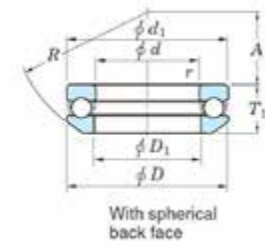
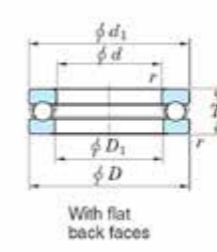
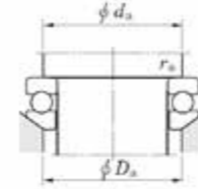
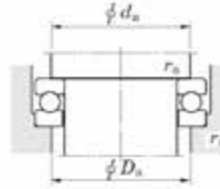
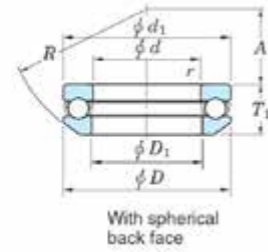
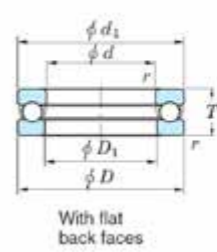


Boundary dimensions(mm)						Basic load ratings(kN)		Fatigue load limit(kN)	Limiting speeds		Bearing No.		Dimensions						Mounting dimensions(mm)			Mass(kg)			
d	D	T	T1	T2	r min.	Cr	Cor	Cu	Grease lub.	Oil lub.	With flat back faces	With spherical back face*	d1	D1 min.	D2	D3	A	R	C	da min.	Da max.	ra max.	With flat back faces	With spherical back face	With aligning seat race
10	24	9	-	-	0.3	12.5	14	0.63	6500	10000	51100	-	24	11	-	-	-	-	-	18	16	0.3	0.02	-	-
12	26	9	-	-	0.3	12.9	14	0.69	6500	10000	51101	-	26	13	-	-	-	-	-	20	18	0.3	0.022	-	-
15	28	9	-	-	0.3	13.2	15.4	0.76	6100	9400	51102	-	28	16	-	-	-	-	-	23	20	0.3	0.024	-	-
17	30	9	-	-	0.3	13.5	18.2	0.82	6100	9400	51103	-	30	18	-	-	-	-	-	25	22	0.3	0.028	-	-
20	35	10	-	-	0.3	17.8	24.7	1.1	5100	7900	51104	-	35	21	-	-	-	-	-	29	26	0.3	0.04	-	-
25	42	11	-	-	0.6	24.4	37.2	1.7	4 400	6 800	51105	-	42	26	-	-	-	-	-	35	32	0.6	0.059	-	-
	52	18	19.8	22	1	44.7	61.4	2.75	3 100	4 800	51305	53305	52	27	38	55	21	45	6	41	36	1	0.18	0.18	0.224
	60	24	26.4	29	1	69.5	89.4	4.05	2 600	4 000	51405	53405	60	27	42	62	19	50	8	46	39	1	0.34	0.35	0.442
30	47	11	-	-	0.6	25.5	42.2	1.9	4 300	6 600	51106	-	47	32	-	-	-	-	-	40	37	0.6	0.068	-	-
	60	21	22.6	25	1	53.5	78.7	3.55	2 700	4 200	51306	53306	60	32	45	62	22	50	7	48	42	1	0.27	0.27	0.326
	70	28	30.1	33	1	91	126	5.7	2 200	3 400	51406	53406	70	32	50	75	20	56	9	54	46	1	0.53	0.53	0.66
35	52	12	-	-	0.6	25.5	47.2	2	3 900	6 000	51107	-	52	37	-	-	-	-	-	45	42	0.6	0.09	-	-
	68	24	25.6	28	1	69.3	105	4.75	2 400	3 700	51307	53307	68	37	52	72	24	56	7.5	55	48	1	0.39	0.4	0.484
	80	32	34	37	1.1	109	155	7	1 900	2 900	51407	53407	80	37	58	85	23	64	10	62	53	1	0.79	0.79	0.96
40	60	13	-	-	0.6	33.6	62.8	2.85	3 400	5 300	51108	-	60	42	-	-	-	-	-	52	48	0.6	0.12	-	-
	78	26	28.5	31	1	86.6	135	6.05	2 100	3 300	51308	53308	78	42	60	82	28	64	8.5	63	55	1	0.55	0.57	0.69
	90	36	38.2	42	1.1	141	205	9.25	1 700	2 600	51408	53408	90	42	65	95	26	72	12	70	60	1	1.14	1.12	1.37
45	65	14	-	-	0.6	34.8	69.1	3.1	3 200	5 000	51109	-	65	47	-	-	-	-	-	57	53	0.6	0.15	-	-
	85	28	30.1	33	1	100	163	7.4	1 900	3 000	51309	53309	85	47	65	90	25	64	10	69	61	1	0.69	0.68	0.85
	100	39	42.4	46	1.1	162	242	10.9	1 500	2 300	51409	53409	100	47	72	105	29	80	12.5	78	67	1	1.47	1.5	1.82
50	70	14	-	-	0.6	35.9	75.4	3.4	3 100	4 800	51110	-	70	52	-	-	-	-	-	62	58	0.6	0.16	-	-
	95	31	34.3	37	1.1	121	202	9.1	1 800	2 700	51310	53310	95	52	72	100	28	72	11	77	68	1	1	1.01	1.24
	110	43	45.6	50	1.5	185	283	12.8	1 400	2 100	51410	53410	110	52	80	115	35	90	14	86	74	1.5	1.99	1.97	2.38
55	78	16	-	-	0.6	43.5	93.1	4.2	2 800	4 300	51111	-	78	57	-	-	-	-	-	69	64	0.6	0.24	-	-
	90	25	27.3	30	1	86.7	159	7.2	2 100	3 200	51211	53211	90	57	72	95	35	72	9	76	69	1	0.61	0.62	0.77
	105	35	39.3	42	1.1	149	246	11.1	1 600	2 400	51311	53311	105	57	80	110	30	80	11.5	85	75	1	1.34	1.41	1.69
	120	48	50.5	55	1.5	223	359	16.2	1 200	1 900	51411	53411	120	57	88	125	28	90	15.5	94	81	1.5	2.64	2.57	3.1
60	85	17	-	-	1	51.8	113	5.1	2 600	4 000	51112	-	85	62	-	-	-	-	-	75	70	1	0.29	-	-
	95	26	28	31	1	92	179	8.05	1 900	3 000	51212	53212	95	62	78	100	32.5	72	9	81	74	1	0.69	0.69	0.85
	110	35	38.3	42	1.1	154	267	12.1	1 500	2 300	51312	53312	110	62	85	115	41	90	11.5	90	80	1	1.43	1.47	1.78
65	90	18	-	-	1	52.1	117	5.3	2 400	3 700	51113	-	90	67	-	-	-	-	-	80	75	1	0.34	-	-
	100	27	28.7	32	1	93.6	189	8.5	1 900	2 900	51213	53212	100	67	82	105	40	80	9	86	79	1	0.77	0.75	0.93
	115	36	39.4	43	1.1	159	287	13	1 400	2 200	51313	53313	115	67	90	120	38.5	90	12.5	95	85	1	1.57	1.61	1.95
70	95	18	-	-	1	53.8	127	5.7	2 300	3 600	51114	-	95	72	-	-	-	-	-	85	80	1	0.36	-	-
	105	27	28.8	32	1	95.2	199	8.95	1 800	2 800	51214	53214	105	72	88	110	38	80	9	91	84	1	0.81	0.8	0.99
	125	40	44.2	48	1.1	167	291	13.1	1 300	2 000	51314	53314	125	72	98	130	43	100	13	103	92	1	2.06	2.15	2.56
75	100	19	-	-	1	55.5	136	6.15	2 200	3 400	51115	-	100	77	-	-	-	-	-	90	85	1	0.42	-	-
	110	27	28.3	32	1	96.7	209	9.4	1 800	2 700	51215	53215	110	77	92	115	49	90	9.5	96	89	1	0.86	0.85	1.06
	135	44	48.1	52	1.5	192	339	15	1 200	1 900	51315	53315	135	77	105	140	37	100	15	111	99	1.5	2.68	2.72	3.27
80	105	19	-	-	1	55.8	141	6.35	2 100	3 300	51116	-	105	82	-	-	-	-	-	95	90	1	0.43	-	-
	115	28	29.5	33	1	98.1	218	9.85	1 700	2 600	51216	53216	115	82	98	120	46	90	10	101	94	1	0.95	0.93	1.15
	140	44	47.6	52	1.5	200	368	15.8	1 200	1 800	51316	53316	140	82	110	145	50	112	15	116	104	1.5	2.82	2.86	3.43



d	Boundary dimensions(mm)					Basic load ratings(kN)		Fatigue load limit(kN)	Limiting speeds		Bearing No.		Dimensions						Mounting dimensions(mm)			Mass(kg)			
	D	T	T1	T2	r min.	Cr	Cor	Cu	Grease lub.	Oil lub.	With flat back faces	With spherical back face*	d1	D1 min.	D2	D3	A	R	C	da min.	Da max.	ra max.	With flat back faces	With spherical back face	With aligning seat race
85	110	19	-	-	1	57.4	150	6.8	2100	3200	51117	-	110	87	-	-	-	-	-	100	95	1	0.46	-	-
	125	31	33.1	37	1	119	264	11.6	1500	2300	51217	53217	125	88	105	130	52	100	11	109	101	1	1.29	1.28	1.57
	150	49	53.1	58	1.5	232	419	17.5	1100	1700	51317	53317	150	88	115	155	43	112	17.5	124	111	1.5	3.66	3.63	4.44
90	120	22	-	-	1	74.6	190	8.4	1900	2900	51118	-	120	92	-	-	-	-	-	108	102	1	0.68	-	-
	135	35	38.5	42	1.1	146	326	13.9	1400	2100	51218	53218	135	93	110	140	45	100	13.5	117	108	1	1.77	1.77	2.19
	155	50	54.6	59	1.5	242	454	18.5	1000	1600	51318	53318	155	93	120	160	40	112	18	129	116	1.5	3.88	3.87	4.71
100	135	25	-	-	1	106	268	11.2	1600	2500	51120	-	135	102	-	-	-	-	-	121	114	1	0.99	-	-
	150	38	40.9	45	1.1	183	410	16.6	1200	1900	51220	53220	150	103	125	155	52	112	14	130	120	1	2.36	2.34	2.84
110	145	25	-	-	1	109	288	11.5	1600	2400	51122	-	145	112	-	-	-	-	-	131	124	1	1.08	-	-
120	155	25	-	-	1	111	305	11.9	1500	2300	51124	-	155	122	-	-	-	-	-	141	134	1	1.16	-	-
130	170	30	-	-	1	130	350	13	1300	2000	51126	-	170	132	-	-	-	-	-	154	146	1	1.87	-	-
140	180	31	-	-	1	133	375	13.5	1200	1900	51128	-	178	142	-	-	-	-	-	164	156	1	2.02	-	-

\* Not a stocked range although available on request.