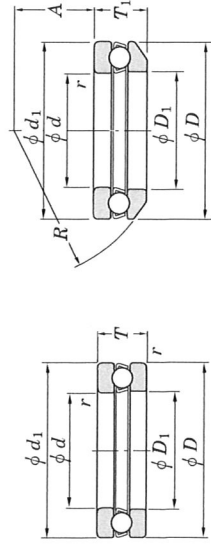
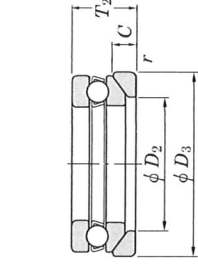


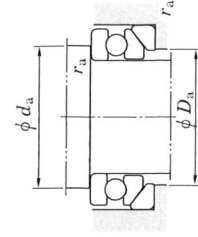
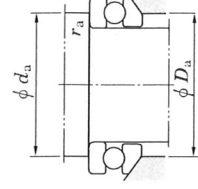
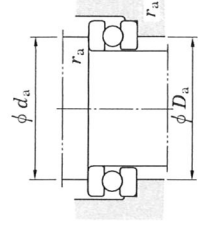
d 75 ~ (120) mm



With flat back faces



With spherical back face



Boundary dimensions (mm)				Basic load ratings (kN)		Fatigue load limit		Limiting speeds (min ⁻¹)		Bearing No.		Dimensions (mm)					Mounting dimensions (mm)			(Refer.) Mass (kg)							
d	D	T	T ₁	T ₂	r min.	C _a	C _{0a}	C _u	Grease lub.	Oil lub.	With flat back faces	With spherical back face	With aligning seat race	d ₁ max.	D ₁ min.	D ₂	D ₃	A	R	C	d _a min.	D _a max.	r _a max.	With flat back faces	With spherical back face	With aligning seat face	
75	100	19	—	—	1	55.5	136	6.15	2 200	3 400	51115	—	—	100	77	—	—	—	—	—	—	90	85	1	0.420	—	—
	110	27	28.3	32	1	96.7	209	9.40	1 800	2 700	51215	53215	53215U	110	77	92	115	49	90	9.5	96	89	1	0.860	0.850	1.06	
	135	44	48.1	52	1.5	192	339	15.0	1 200	1 900	51315	53315	53315U	135	77	105	140	37	100	15	111	99	1.5	2.68	2.72	3.27	
	160	65	69	75	2	315	560	23.3	880	1 350	51415	53415	53415U	160	78	115	165	42	125	21	125	110	2	6.75	6.64	7.87	
80	105	19	—	—	1	55.8	141	6.35	2 100	3 300	51116	—	—	105	82	—	—	—	—	—	—	95	90	1	0.430	—	—
	115	28	29.5	33	1	98.1	218	9.85	1 700	2 600	51216	53216	53216U	115	82	98	120	46	90	10	101	94	1	0.950	0.930	1.15	
	140	44	47.6	52	1.5	200	368	15.8	1 200	1 800	51316	53316	53316U	140	82	110	145	50	112	15	116	104	1.5	2.82	2.86	3.43	
	170	68	72.2	78	2.1	337	621	25.1	810	1 250	51416	53416	53416U	170	83	125	175	36	125	22	133	117	2	7.97	7.84	9.22	
85	110	19	—	—	1	57.4	150	6.80	2 100	3 200	51117	—	—	110	87	—	—	—	—	—	—	100	95	1	0.460	—	—
	125	31	33.1	37	1	119	264	11.6	1 500	2 300	51217	53217	53217U	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	1 100	1 700	51317	53317	53317U	150	88	115	155	43	112	17.5	124	111	1.5	3.66	3.63	4.44	
	180	72	77	83	2.1	384	753	29.5	780	1 200	51417	53417	53417U	177	88	130	185	47	140	23	141	124	2	9.29	9.20	10.8	
90	120	22	—	—	1	74.6	190	8.40	1 900	2 900	51118	—	—	120	92	—	—	—	—	—	—	108	102	1	0.680	—	—
	135	35	38.5	42	1.1	146	326	13.9	1 400	2 100	51218	53218	53218U	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	1 000	1 600	51318	53318	53318U	155	93	120	160	40	112	18	129	116	1.5	3.88	3.87	4.71	
	190	77	81.2	88	2.1	409	826	31.5	710	1 100	51418	53418	53418U	187	93	140	195	40	140	25.5	149	131	2	11.0	10.7	12.6	
100	135	25	—	—	1	106	268	11.2	1 600	2 500	51120	—	—	135	102	—	—	—	—	—	—	121	114	1	0.990	—	—
	150	38	40.9	45	1.1	183	410	16.6	1 200	1 900	51220	53220	53220U	150	103	125	155	52	112	14	130	120	1	2.36	2.34	2.84	
	170	55	59.2	64	1.5	296	595	23.2	940	1 450	51320	53320	53320U	170	103	135	175	46	125	18	142	128	1.5	5.11	5.10	6.05	
	210	85	90	98	3	460	983	35.7	620	950	51420	53420	53420U	205	103	155	220	50	160	27	165	145	2.5	14.6	14.5	17.4	
110	145	25	—	—	1	109	288	11.5	1 600	2 400	51122	—	—	145	112	—	—	—	—	—	—	131	124	1	1.08	—	—
	160	38	40.2	45	1.1	191	450	17.6	1 200	1 800	51222	53222	53222U	160	113	135	165	65	125	14	140	130	1	2.57	2.50	3.06	
	190	63	67.2	72	2	334	704	25.9	810	1 250	51322	53322	53322U	187	113	150	195	51	140	20.5	158	142	2	7.72	7.63	8.90	
	230	95	—	—	3	474	1 070	37.1	550	850	51422	—	—	225	113	—	—	—	—	—	—	181	159	2.5	19.8	—	—
120	155	25	—	—	1	111	305	11.9	1 500	2 300	51124	—	—	155	122	—	—	—	—	—	141	134	1	1.16	—	—	

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