

d 50 – 120 mm

	Boundary dimensions (mm)			Basic load ratings (kN)		Limiting speeds (min ⁻¹)		Bearing No.	Dimensions (mm)		(Refer.) Mass (kg)
	d	D	T	r min.	C _a	C _{0a}	Grease lub.		Oil lub.	d ₁ max.	
50	70	14	0.6	28.8	75.4	3 100	4 800	51110	70	52	0.160
	78	22	1	48.5	111	2 300	3 600	51210	78	52	0.390
	95	31	1.1	96.6	202	1 800	2 700	51310	95	52	1.00
	110	43	1.5	148	283	1 400	2 100	51410	110	52	1.99
55	78	16	0.6	34.8	93.1	2 800	4 300	51111	78	57	0.240
	90	25	1	69.4	159	2 100	3 200	51211	90	57	0.610
	105	35	1.1	119	246	1 600	2 400	51311	105	57	1.34
	120	48	1.5	180	349	1 200	1 900	51411	120	57	2.64
60	85	17	1	41.4	113	2 600	4 000	51112	85	62	0.290
	95	26	1	73.6	179	1 900	3 000	51212	95	62	0.690
	110	35	1.1	124	267	1 500	2 300	51312	110	62	1.43
	130	51	1.5	214	437	1 100	1 700	51412	130	62	3.51
65	90	18	1	41.7	117	2 400	3 700	51113	90	67	0.340
	100	27	1	74.9	189	1 900	2 900	51213	100	67	0.770
	115	36	1.1	128	287	1 400	2 200	51313	115	67	1.57
	140	56	2	232	493	1 000	1 600	51413	140	68	4.47
70	95	18	1	43.1	127	2 300	3 600	51114	95	72	0.360
	105	27	1	76.1	199	1 800	2 800	51214	105	72	0.810
	125	40	1.1	134	291	1 300	2 000	51314	125	72	2.06
	150	60	2	250	553	940	1 450	51414	150	73	5.48
75	100	19	1	44.4	136	2 200	3 400	51115	100	77	0.420
	110	27	1	77.4	209	1 800	2 700	51215	110	77	0.860
	135	44	1.5	154	339	1 200	1 900	51315	135	77	2.68
80	105	19	1	44.7	141	2 100	3 300	51116	105	82	0.430
	115	28	1	78.5	218	1 700	2 600	51216	115	82	0.950
	140	44	1.5	160	368	1 200	1 800	51316	140	82	2.82
85	110	19	1	45.9	150	2 100	3 200	51117	110	87	0.460
	125	31	1	95.4	264	1 500	2 300	51217	125	88	1.29
	150	49	1.5	186	419	1 100	1 700	51317	150	88	3.66
90	120	22	1	59.7	190	1 900	2 900	51118	120	92	0.680
	135	35	1.1	117	326	1 400	2 100	51218	135	93	1.77
	155	50	1.5	193	454	1 000	1 600	51318	155	93	3.88
100	135	25	1	85.0	268	1 600	2 500	51120	135	102	0.990
	150	38	1.1	147	410	1 200	1 900	51220	150	103	2.36
	170	55	1.5	226	556	940	1 450	51320	170	103	5.11
110	145	25	1	87.1	288	1 600	2 400	51122	145	112	1.08
	160	38	1.1	153	451	1 200	1 800	51222	160	113	2.57
	190	63	2	267	704	810	1 250	51322	187	113	7.72
120	155	25	1	89.0	308	1 500	2 300	51124	155	122	1.16
	170	39	1.1	154	472	1 100	1 700	51224	170	123	2.86
	210	70	2.1	311	869	710	1 100	51324	205	123	10.6

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