

d (70) – 105 mm

Boundary dimensions (mm)				Basic load ratings (kN)		Limiting speeds (min ⁻¹)				Bearing No.					(Refer.) Mass Open type (kg)
d	D	B	r min.	C_r	C_{0r}	Grease lub.		Oil lub.		Open	Shielded ZZ	Sealed 2RU	2RD	2RS	
						$\left[\begin{smallmatrix} \text{Open} \\ Z, ZZ \\ RU, 2RU \end{smallmatrix} \right]$	(RD, 2RD)	(RS, 2RS)	$\left[\begin{smallmatrix} \text{Open} \\ Z \end{smallmatrix} \right]$						
70	125	24	1.5	62.2	44.1	5 100	–	3 300	6 100	6214	ZZ	2RU	–	2RS	1.07
	150	35	2.1	104	68.2	4 500	–	3 000	5 400	6314	ZZ	2RU	–	2RS	2.52
	180	42	3	144	104	3 900	–	–	4 600	6414	–	–	–	–	4.83
75	95	10	0.6	12.5	12.9	6 400	–	–	7 600	6815	ZZ	2RU	–	–	0.142
	105	16	1	24.4	22.6	6 100	–	–	7 200	6915	ZZ	2RU	–	–	0.363
	115	13	0.6	27.5	25.3	5 700	–	–	6 700	16015	–	–	–	–	0.457
	115	20	1.1	39.6	33.5	5 700	–	3 300	6 800	6015	ZZ	2RU	–	2RS	0.638
	130	25	1.5	67.4	48.3	4 800	–	3 100	5 800	6215	ZZ	2RU	–	2RS	1.18
	160	37	2.1	113	77.2	4 200	–	2 800	5 000	6315	ZZ	2RU	–	2RS	3.02
80	190	45	3	154	115	3 600	–	–	4 400	6415	–	–	–	–	5.87
	100	10	0.6	12.7	13.3	6 100	–	–	7 200	6816	ZZ	2RU	–	–	0.150
	110	16	1	25.0	24.0	5 700	–	–	6 800	6916	ZZ	2RU	–	–	0.382
	125	14	0.6	31.7	29.7	5 200	–	–	6 100	16016	–	–	–	–	0.597
	125	22	1.1	47.6	39.8	5 300	–	3 100	6 300	6016	ZZ	–	–	2RS	0.850
	140	26	2	72.7	53.0	4 500	–	2 900	5 400	6216	ZZ	–	–	2RS	1.40
	170	39	2.1	123	86.7	3 900	–	2 700	4 700	6316	ZZ	–	–	2RS	3.59
	200	48	3	164	125	3 400	–	–	4 100	6416	–	–	–	–	6.84
	85	110	13	1	18.7	19.0	5 600	–	–	6 600	6817	ZZ	2RU	–	–
120		18	1.1	31.9	29.6	5 300	–	–	6 300	6917	ZZ	2RU	–	–	0.535
130		14	0.6	32.6	31.7	4 900	–	–	5 800	16017	–	–	–	–	0.626
	130	22	1.1	49.5	43.1	5 000	–	2 900	5 900	6017	ZZ	–	–	2RS	0.890
	150	28	2	84.0	61.9	4 200	–	2 700	5 000	6217	ZZ	–	–	2RS	1.79
	180	41	3	133	96.8	3 700	–	2 500	4 400	6317	ZZX	–	–	2RS	4.23
90	210	52	4	173	136	3 300	–	–	3 900	6417	–	–	–	–	8.07
	115	13	1	19.0	19.7	5 300	–	–	6 300	6818	ZZ	2RU	–	–	0.279
	125	18	1.1	32.8	31.6	5 100	–	–	6 000	6918	ZZ	2RU	–	–	0.565
	140	16	1	39.9	37.0	4 700	–	–	5 600	16018	–	–	–	–	0.848
	140	24	1.5	58.2	49.7	4 700	–	2 700	5 600	6018	ZZ	–	–	2RS	1.16
	160	30	2	96.1	71.5	3 900	–	2 600	4 700	6218	ZZ	–	–	2RS	2.15
	190	43	3	143	107	3 500	–	2 400	4 200	6318	ZZX	–	–	2RS	4.91
	225	54	4	184	149	3 100	–	–	3 700	6418	–	–	–	–	9.78
	95	130	18	1.1	33.7	33.5	4 800	–	–	5 700	6919	ZZ	2RU	–	–
145		16	1	41.2	39.6	4 500	–	–	5 300	16019	–	–	–	–	0.885
145		24	1.5	60.4	53.9	4 400	–	2 500	5 200	6019	ZZX	2RU	–	2RS	1.21
	170	32	2.1	109	81.9	3 700	–	2 400	4 400	6219	ZZX	–	–	2RS	2.62
	200	45	3	153	119	3 300	–	2 200	4 000	6319	ZZX	–	–	2RS	5.67
	100	125	13	1	19.6	21.2	4 800	–	–	5 700	6820	ZZ	2RU	–	–
140		20	1.1	45.0	41.9	4 500	–	–	5 300	6920	ZZ	2RU	–	–	0.960
150		16	1	42.4	42.1	4 300	–	–	5 100	16020	–	–	–	–	0.910
	150	24	1.5	60.2	54.2	4 300	–	2 500	5 100	6020	ZZ	–	–	2RS	1.25
	180	34	2.1	122	93.1	3 500	–	2 300	4 200	6220	ZZX	–	–	2RS	3.14
	215	47	3	173	141	3 000	–	2 100	3 600	6320	ZZX	–	–	2RS	7.00
105	145	20	1.1	46.5	44.8	4 300	–	–	5 100	6921	ZZ	–	–	–	1.00
	160	18	1	41.9	42.2	4 100	–	–	4 800	16021	–	–	–	–	1.20
	160	26	2	72.3	65.8	4 000	–	2 300	4 700	6021	ZZX	–	–	2RS	1.59
	190	36	2.1	133	105	3 300	–	2 200	3 900	6221	ZZX	–	–	2RS	3.70
	225	49	3	184	153	2 900	–	2 000	3 500	6321	ZZX	–	–	2RS	8.05

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