

Principal dimensions (mm)			Basic load ratings (kN)		Pu	Min Loading A	Speed ratings rpm (r/min)		Weight (kg)	Designation	Dimensions mm					Abutment and fillet dimensions mm				Designations		
基本尺寸			基本额定负荷				疲劳负荷极限	最小负荷			Speed Ratings	Limiting Speed	质量	型号	尺寸					挡肩及倒角尺寸		
d	D	H	dyc Cr	stc Cor	参考转速	极限转速			A	r <sub>1,2</sub> Min	da Min	Da Max			ra Max	r <sub>1,2</sub> 最小	da 最小	Da 最大	ra 最大	Cylindrical Rollers- Cage Assemblies	Shaft washer	Housing washer
			动态	静态			速度	速度					da Min	Da Max								
15	28	9	11.2	27	2.45	0.000568	4300	8500	0.024	81102TN	15	28	16	2.75	3.5	0.3	27	16	0.3	K81102TN	WS81102	GS81102
17	30	9	12.2	31.5	2.35	0.000679	4300	8500	0.027	81103TN	17	30	18	2.75	3.5	0.3	29	18	0.3	K81103TN	WS81103	GS81103
20	35	10	18.6	48	4.65	0.00018	3800	7500	0.037	81104TN	20	35	21	2.75	4.5	0.3	34	21	0.3	K81104TN	WS81104	GS81104
25	42	11	25	69.5	6.80	0.00039	3200	6300	0.053	81105TN	25	42	26	3	5	0.6	41	26	0.6	K81105TN	WS81105	GS81105
30	47	11	27	78	7.65	0.00049	3000	6000	0.057	81106TN	30	47	32	3	5	0.6	46	31	0.6	K81106TN	WS81106	GS81106
30	52	16	50	134	13.4	0.0014	2400	4800	0.12	81206TN	30	52	32	4.25	7.5	0.6	50	31	0.6	K81206TN	WS81206	GS81206
35	52	12	29	93	9.15	0.00069	2800	5600	0.073	81107TN	35	52	37	3.5	5	0.6	51	36	0.6	K81107TN	WS81107	GS81107
35	62	18	62	190	19.3	0.0029	2000	4000	0.20	81207TN	35	62	37	5.25	7.5	1	58	39	1	K81207TN	WS81207	GS81207
40	60	13	42.5	137	13.7	0.0015	2400	5000	0.11	81108TN	40	60	42	3.5	6	0.6	58	42	0.6	K81108TN	WS81108	GS81108
40	68	19	83	255	26.5	0.0052	1900	3800	0.25	81208TN	40	68	42	5	9	1	66	43	1	K81208TN	WS81208	GS81208
45	65	14	45	153	15.3	0.0019	2200	4500	0.13	81109TN	45	65	47	4	6	0.6	63	47	0.6	K81109TN	WS81109	GS81109
45	73	20	86.5	270	28	0.0058	1800	3600	0.29	81209TN	45	73	47	5.5	9	1	70	48	1	K81209TN	WS81209	GS81209
50	70	14	47.5	166	16.6	0.0022	2200	4300	0.14	81110TN	50	70	52	4	6	0.6	68	52	0.6	K81110TN	WS81110	GS81110
50	78	22	91.5	300	31	0.0072	1700	3400	0.36	81210TN	50	78	52	6.5	9	1	75	53	1	K81210TN	WS81210	GS81210
55	78	16	69.5	285	29	0.0065	1900	3800	0.22	81111TN	55	78	57	5	6	0.6	77	56	0.6	K81111TN	WS81111	GS81111
55	90	25	122	390	40	0.012	1400	2800	0.57	81211TN	55	90	57	7	11	1	85	59	1	K81211TN	WS81211	GS81211
60	85	17	80	300	30.5	0.0072	1800	3600	0.27	81112TN	60	85	62	4.75	7.5	1	82	62	1	K81112TN	WS81112	GS81112
60	95	26	137	465	47.5	0.017	1400	2800	0.64	81212TN	60	95	62	7.5	11	1	91	64	1	K81212TN	WS81212	GS81212
65	90	18	83	320	32.5	0.0082	1700	3400	0.31	81113TN	65	90	67	5.25	7.5	1	87	67	1	K81113TN	WS81113	GS81113
65	100	27	140	490	50	0.019	1300	2600	0.72	81213TN	65	100	67	8	11	1	96	69	1	K81213TN	WS81213	GS81213
70	95	18	86.5	345	34.5	0.0095	1600	3200	0.33	81114TN	70	95	72	5.25	7.5	1	92	72	1	K81114TN	WS81114	GS81114
70	105	27	146	530	55	0.022	1300	2600	0.77	81214TN	70	105	72	8	11	1	102	74	1	K81214TN	WS81214	GS81214
75	100	19	75	290	29	0.0067	1600	3200	0.39	81115TN	75	100	77	5.75	7.5	1	97	78	1	K81115TN	WS81115	GS81115
75	110	27	125	440	45	0.015	1200	2400	0.80	81215TN	75	110	77	8	11	1	106	79	1	K81215TN	WS81215	GS81215
80	105	19	76.5	300	30.5	0.0072	1500	3000	0.40	81116TN	80	105	82	5.75	7.5	1	102	83	1	K81116TN	WS81116	GS81116
80	115	28	160	610	63	0.029	1200	2400	0.90	81216TN	80	115	82	8.5	11	1	112	84	1	K81216TN	WS81216	GS81216
85	110	19	88	365	37.5	0.010	1500	3000	0.42	81117TN	85	110	87	5.75	7.5	1	108	87	1	K81117TN	WS81117	GS81117
85	125	31	153	550	57	0.024	1100	2200	1.25	81217TN	85	125	88	9.5	12	1	119	90	1	K81217TN	WS81217	GS81217
90	120	22	104	415	42.5	0.013	1300	2600	0.62	81118TN	90	120	92	6.5	9	1	117	93	1	K81118TN	WS81118	GS81118
90	135	35	232	865	90	0.059	1000	2000	1.75	81218TN	90	135	93	10.5	14	1.1	129	95	1	K81218TN	WS81218	GS81218
100	135	25	146	585	57	0.027	1200	2400	0.95	81120TN	100	135	102	7	11	1	131	104	1	K81120TN	WS81120	GS81120
100	150	38	224	830	81.5	0.055	900	1800	2.20	81220TN	100	150	103	11.5	15	1.1	142	107	1	K81220TN	WS81220	GS81220
110	145	25	153	630	61	0.031	1100	2200	1.05	81122TN	110	145	112	7	11	1	141	114	1	K81122TN	WS81122	GS81122
110	160	38	240	915	90	0.066	850	1700	2.30	81222TN	110	160	113	11.5	15	1.1	152	117	1	K81222TN	WS81222	GS81222
120	155	25	160	680	64	0.036	1100	2200	1.10	81124TN	120	155	122	7	11	1	151	124	1	K81124TN	WS81124	GS81124
120	170	39	245	965	91.5	0.074	800	1600	2.55	81224TN	120	170	123	12	15	1.1	162	127	1	K81224TN	WS81224	GS81224
130	170	30	183	780	73.5	0.048	950	1900	1.70	81126TN	130	170	132	9	12	1	165	135	1	K81126TN	WS81126	GS81126
130	190	45	380	146	137	0.17	700	1400	4.20	81226TN	130	197	133	13	19	1.5	181	137	1.5	K81226TN	WS81226	GS81226
140	180	31	193	850	76.5	0.057	900	1800	1.90	81128TN	140	178	142	9.5	12	1	175	145	1	K81128TN	WS81128	GS81128
150	190	31	200	900	81.5	0.064	850	1700	2.00	81130TN	150	188	152	9.5	12	1	185	155	1	K81130TN	WS81130	GS81130
160	200	31	216	1020	90	0.083	850	1700	2.20	81132TN	160	198	162	9.5	12	1	195	165	1	K81132TN	WS81132	GS81132
170	215	34	260	1180	104	0.11	800	1600	2.95	81134TN	170	213	172	10	14	1.1	209	176	1	K81134TN	WS81134	GS81134