

Principal dimensions (mm)			Basic load kN		Pu	Speed ratings rpm		Weight kg	Designation			Dimensions mm										Abutment and fillet dimensions mm						Value	
d	D	B	dyc	stc		Speed Ratings	Limitin g Speed ¹		Bearing with snap groove	snap groove and snap ring	snap ring	d	d1	D1	D3	D4	b	f	C	r _{1,2}	r ₀	d _a	Da	D _b	b _a	Ca	r _a	k _r	fo
mm			kN		kN	r/min		kg	-				mm							mm									-
25	47	12	11.9	6.55	0.275	32000	20000	0.08	*6005N	*6005NR	SP47	25	32	40	44.6	52.7	1.35	1.12	2.06	0.6	0.4	28.2	43.8	54	1.5	3.18	0.6	0.025	14
30	55	13	13.8	8.3	0.355	28000	17000	0.12	*6006N	*6006NR	SP55	30	38.2	46.8	52.6	60.7	1.35	1.12	2.06	1	0.4	34.6	50.4	62	1.5	3.18	1	0.025	15
35	62	14	16.8	10.2	0.44	24000	15000	0.16	*6007N	*6007NR	SP62	35	43.8	53.3	59.61	67.7	1.9	1.7	2.06	1	0.6	39.6	57.4	69	2.2	3.76	1	0.025	15
40	68	15	17.8	11.6	0.49	22000	14000	0.19	*6008N	*6008NR	SP68	40	49.3	58.8	64.82	74.6	1.9	1.7	2.49	1	0.6	44.6	63.4	76	2.2	4.19	1	0.025	15
45	75	16	22.1	14.6	0.64	20000	12000	0.25	*6009N	*6009NR	SP75	45	54.8	65.3	71.83	81.6	1.9	1.7	2.49	1	0.6	49.6	70.4	83	2.2	4.19	1	0.025	15
50	80	16	22.9	16	0.71	18000	11000	0.26	*6010N	*6010NR	SP80	50	59.8	70.3	76.81	86.6	1.9	1.7	2.49	1	0.6	54.6	75.4	88	2.2	4.19	1	0.025	15
50	80	16	22.9	16	0.71	18000	11000	0.26	*6010N	*6010NR	SP80	50	59.8	70.3	76.81	86.6	1.9	1.7	2.49	1	0.6	54.6	75.4	88	2.2	4.19	1	0.025	15
55	90	18	29.6	21.2	0.9	16000	10000	0.39	*6011N	*6011NR	SP90	55	66.3	78.7	86.79	96.5	2.7	2.46	2.87	1.1	0.6	61	84	98	3	5.33	1	0.025	15
55	90	18	29.6	21.2	0.9	16000	10000	0.39	*6011N	*6011NR	SP90	55	66.3	78.7	86.79	96.5	2.7	2.46	2.87	1.1	0.6	61	84	98	3	5.33	1	0.025	15
60	95	18	30.7	23.2	0.98	15000	9500	0.42	*6012N	*6012NR	SP95	60	71.3	83.7	91.82	101.6	2.7	2.46	2.87	1.1	0.6	66	87	103	3	5.33	1	0.025	16
60	95	18	30.7	23.2	0.98	15000	9500	0.42	*6012N	*6012NR	SP95	60	71.3	83.7	91.82	101.6	2.7	2.46	2.87	1.1	0.6	66	87	103	3	5.33	1	0.025	16
65	100	18	31.9	25	1.06	14000	9000	0.44	*6013N	*6013NR	SP100	65	76.3	88.7	96.8	106.5	2.7	2.46	2.87	1.1	0.6	71	94	108	3	5.33	1	0.025	16
65	100	18	31.9	25	1.06	14000	9000	0.44	*6013N	*6013NR	SP100	65	76.3	88.7	96.8	106.5	2.7	2.46	2.87	1.1	0.6	71	94	108	3	5.33	1	0.025	16
70	110	20	39.7	31	1.32	13000	8000	0.60	*6014N	*6014NR	SP110	70	82.9	97.2	106.81	116.6	2.7	2.46	2.87	1.1	0.6	76	104	118	3	5.33	1	0.025	16
70	110	20	39.7	31	1.32	13000	8000	0.60	*6014N	*6014NR	SP110	70	82.9	97.2	106.81	116.6	2.7	2.46	2.87	1.1	0.6	76	104	118	3	5.33	1	0.025	16
75	115	20	41.6	33.5	1.43	12000	7500	0.64	*6015N	*6015NR	SP115	75	87.9	102	111.81	121.6	2.7	2.46	2.87	1.1	0.6	81	109	123	3	5.33	1	0.025	16
75	115	20	41.6	33.5	1.43	12000	7500	0.64	*6015N	*6015NR	SP115	75	87.9	102	111.81	121.6	2.7	2.46	2.87	1.1	0.6	81	109	123	3	5.33	1	0.025	16
80	125	22	49.4	40	1.66	11000	7000	0.85	*6016N	*6016NR	SP125	80	94.4	111	120.22	134.7	3.1	2.82	2.87	1.1	0.6	86	119	136	3.5	5.69	1	0.025	16
80	125	22	49.4	40	1.66	11000	7000	0.85	*6016N	*6016NR	SP125	80	94.4	111	120.22	134.7	3.1	2.82	2.87	1.1	0.6	86	119	136	3.5	5.69	1	0.025	16
85	130	22	52	43	1.76	11000	6700	0.89	*6017N	*6017NR	SP130	85	99.4	116	125.22	139.7	3.1	2.82	2.87	1.1	0.6	91	124	141	3.5	5.69	1	0.025	16
85	130	22	52	43	1.76	11000	6700	0.89	*6017N	*6017NR	SP130	85	99.4	116	125.22	139.7	3.1	2.82	2.87	1.1	0.6	91	124	141	3.5	5.69	1	0.025	16
90	140	24	60.5	50	1.96	10000	6300	1.15	*6018N	*6018NR	SP140	90	106	124	135.23	149.7	3.1	2.82	3.71	1.5	0.6	97	133	151	3.5	6.53	1.5	0.025	16
90	140	24	60.5	50	1.96	10000	6300	1.15	*6018N	*6018NR	SP140	90	106	124	135.23	149.7	3.1	2.82	3.71	1.5	0.6	97	133	151	3.5	6.53	1.5	0.025	16
100	150	24	63.7	54	2.04	9500	5600	1.25	*6020N	*6020NR	SP150	100	116	134	145.24	159.7	3.1	2.82	3.71	1.5	0.6	107	143	162	3.5	6.53	1.5	0.025	16
105	160	26	76.1	65.5	2.4	8500	5300	1.60	*6021N	*6021NR	SP160	105	123	143	155.22	169.7	3.1	2.82	3.71	2	0.6	114	151	172	3.5	6.53	2	0.025	16
110	170	28	85.2	73.5	2.6	8000	5000	1.95	*6022N	*6022NR	SP170	110	129	151	163.65	182.9	3.5	3.1	3.71	2	0.6	119	161	185	4	6.81	2	0.025	16
120	180	28	88.4	80	2.75	7500	4800	2.05	*6024N	*6024NR	SP180	120	139	161	173.66	192.9	3.5	3.1	3.71	2	0.6	129	171	195	4	6.81	2	0.025	16