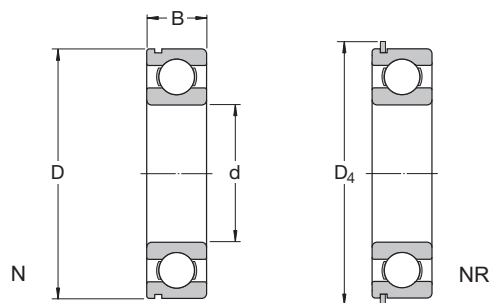


Single row deep groove ball bearings with snap ring groove

d 60 - 120 mm

d 2.362 - 4.724 in



Principal dimensions								Basic load ratings dynamic static		Fatigue load limit P _u	Speed ratings Reference speed Limiting speed		Mass	Designations Bearing with snap ring groove		Snap ring
d	D	B	D ₄	d	D	B	D ₄	C	C ₀		Reference speed	Limiting speed		Bearing with snap ring groove	snap ring groove and snap ring	
mm				in				kN		kN	r/min		kg	—		
60	95	18	101.6	2.362	3.740	0.709	4.000	30.7	23.2	0.98	15 000	9 500	0.42	*6012 N	*6012 NR	SP 95
	110	22	116.6		4.331	0.866	4.591	55.3	36	1.53	13 000	8 000	0.78	*6212 N	*6212 NR	SP 110
	130	31	139.7	5.118	1.220	5.500	85.2	52	2.2	11 000	7 000	1.7	*6312 N	*6312 NR	SP 130	
	150	35	159.7		5.906	1.378	6.287	108	69.5	2.9	10 000	6 300	2.75	6412 N	6412 NR	SP 150
65	100	18	106.5	2.559	3.937	0.709	4.193	31.9	25	1.06	14 000	9 000	0.44	*6013 N	*6013 NR	SP 100
	120	23	129.7		4.724	0.906	5.106	58.5	40.5	1.73	12 000	7 500	0.99	*6213 N	*6213 NR	SP 120
	140	33	149.7	5.512	1.299	5.894	97.5	60	2.5	10 000	6 700	2.1	*6313 N	*6313 NR	SP 140	
	160	37	169.7		6.299	1.457	6.681	119	78	3.15	9 500	6 000	3.3	6413 N	6413 NR	SP 160
70	110	20	116.6	2.756	4.331	0.787	4.591	39.7	31	1.32	13 000	8 000	0.6	*6014 N	*6014 NR	SP 110
	125	24	134.7		4.921	0.945	5.303	63.7	45	1.9	11 000	7 000	1.05	*6214 N	*6214 NR	SP 125
	150	35	159.7	5.906	1.378	6.287	111	68	2.75	9 500	6 300	2.5	*6314 N	*6314 NR	SP 150	
75	115	20	121.6	2.953	4.528	0.787	4.787	41.6	33.5	1.43	12 000	7 500	0.64	*6015 N	*6015 NR	SP 115
	130	25	139.7		5.118	0.984	5.500	68.9	49	2.04	10 000	6 700	1.2	*6215 N	*6215 NR	SP 130
	160	37	169.7	6.299	1.457	6.681	119	76.5	3	9 000	5 600	3	*6315 N	*6315 NR	SP 160	
80	125	22	134.7	3.150	4.921	0.866	5.303	49.4	40	1.66	11 000	7 000	0.85	*6016 N	*6016 NR	SP 125
	140	26	149.7		5.512	1.024	5.894	72.8	55	2.2	9 500	6 000	1.4	*6216 N	*6216 NR	SP 140
85	130	22	139.7	3.346	5.118	0.866	5.500	52	43	1.76	11 000	6 700	0.89	*6017 N	*6017 NR	SP 130
	150	28	159.7		5.906	1.102	6.287	87.1	64	2.5	9 000	5 600	1.8	*6217 N	*6217 NR	SP 150
90	140	24	149.7	3.543	5.512	0.945	5.894	60.5	50	1.96	10 000	6 300	1.15	*6018 N	*6018 NR	SP 140
	160	30	169.7		6.299	1.181	6.681	101	73.5	2.8	8 500	5 300	2.15	*6218 N	*6218 NR	SP 160
95	170	32	182.9	3.740	6.693	1.260	7.201	114	81.5	3	8 000	5 000	2.6	*6219 N	*6219 NR	SP 170
100	150	24	159.7	3.937	5.906	0.945	6.287	63.7	54	2.04	9 500	5 600	1.25	*6020 N	*6020 NR	SP 150
	180	34	192.9		7.087	1.339	7.594	127	93	3.35	7 500	4 800	3.15	*6220 N	*6220 NR	SP 180
105	160	26	169.7	4.134	6.299	1.024	6.681	76.1	65.5	2.4	8 500	5 300	1.6	*6021 N	*6021 NR	SP 160
110	170	28	182.9	4.331	6.693	1.102	7.201	85.2	73.5	2.6	8 000	5 000	1.95	*6022 N	*6022 NR	SP 170
120	180	28	192.9	4.724	7.087	1.102	7.594	88.4	80	2.75	7 500	4 800	2.05	*6024 N	*6024 NR	SP 180

* SKF Explorer bearing

¹⁾ For snap ring dimensions see page 29