

Single-Row Cylindrical Roller Bearings

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Bearing Numbers ⁽¹⁾	Boundary Dimensions (mm)					Basic Load Ratings (kN)		Circumscribed circle diameter of roller (mm) (reference)	Mass (kg) (approx.)	Limiting Speeds (min ⁻¹)		NSKHPS
	<i>d</i>	<i>D</i>	<i>B</i>	<i>r</i> (min.)	<i>r</i> ₁ (min.)	<i>C</i> _r (Dynamic)	<i>C</i> _{0r} (Static)			Grease	Oil	
N1006MR1KR	30	55	13	1	0.6	19.7	19.6	48.5	0.135	19000	31000	
N1007MRKR	35	62	14	1	0.6	22.6	23.2	55	0.172	17000	27000	
N1008MRKR	40	68	15	1	0.6	27.3	29	61	0.213	15000	25000	
N1009MRKR	45	75	16	1	0.6	32.5	35.5	67.5	0.279	14000	22000	
N1010MRKR	50	80	16	1	0.6	32	36	72.5	0.286	13000	20000	
N1011BMR1KR	55	90	18	1.1	1	37.5	44	81	0.425	12000	18000	
N1012BMR1KR	60	95	18	1.1	1	40	48.5	86.1	0.454	11000	17000	
N1013BMR1KR	65	100	18	1.1	1	41	51	91	0.483	10000	16000	
N1014BMR1KR	70	110	20	1.1	1	50	63	100	0.668	9000	15000	
N1015MRKR	75	115	20	1.1	1	60	74.5	105	0.7	8500	13700	
N1016BMR1KR	80	125	22	1.1	1	63.5	82	113	0.957	7900	12700	
N1017BMR1KR	85	130	22	1.1	1	65	86	118	1.067	7500	12100	
N1018MRKR	90	140	24	1.5	1.1	88	114	127	1.27	7000	11400	
N1019BMR1KR	95	145	24	1.5	1.1	83	114	132	1.37	6700	10900	
N1020MRKR	100	150	24	1.5	1.1	93	126	137	1.46	6400	10400	
N1021BMR1KR	105	160	26	2	1.1	112	155	146	1.79	6100	9900	
N1022BMR1KR	110	170	28	2	1.1	126	173	155	2.22	5800	9300	
N1024MRKR	120	180	28	2	1.1	139	191	165	2.34	5400	8700	
N1026MRKR	130	200	33	2	1.1	172	238	182	3.55	4900	7900	
N1028BMR1KR	140	210	33	2	1.1	164	240	192	3.78	4600	7500	
N1030BMRKR	150	225	35	2.1	1.5	202	294	206	4.56	4300	4800	
N1032BMRKR	160	240	38	2.1	1.5	238	340	219	5.59	4000	4500	
N1034MRKR	170	260	42	2.1	2.1	287	415	237	7.85	3600	4000	
N1036MRKR	180	280	46	2.1	2.1	355	510	255	9.76	3400	3800	
N1038KR	190	290	46	2.1	2.1	365	535	265	10.4	3200	3600	
N1040MRKR	200	310	51	2.1	2.1	390	580	281	13.5	3000	3400	
N1044MRKR	220	340	56	3	3	500	750	310	17.4	2600	3000	
N1048KR	240	360	56	3	3	530	820	330	18.6	2400	2800	
N1052KR	260	400	65	4	4	645	1000	364	27.6	2200	2600	
N1060KR	300	460	74	4	4	885	1400	420	42.2	1800	2000	
N1064KR	320	480	74	4	4	905	1470	440	43.8	1700	1900	
N1068KR	340	520	82	5	5	1080	1740	475	59.8	1600	1800	

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	<i>d</i>	<i>D</i>	<i>B</i>	<i>r</i> (min.)	<i>r</i> ₁ (min.)	<i>C</i> _r (Dynamic)	<i>C</i> _{0r} (Static)			Grease	Oil	
N1072KR	360	540	82	5	5	1110	1830	495	61.6	1500	1700	
N1080KR	400	600	90	5	5	1360	2280	550	84.1	1300	1500	