



Full Compliment Metric Drawn Cup Needle Roller Bearings HN-Series

BEARING PART NUMBER	Alternative Bearing Number	Bore Size (mm)	Outer Diameter (mm)	Width (mm)	Radii r_{min} (mm)	Dynamic Basic Load Rating (kN)	Static Basic Load Rating (kN)	Limiting Speed (rpm)	Weight (g)
HN0610	HK0610V	6	12	10	0.4	2.90	3.80	13200	3.4
HN0808	HK0808V	8	12	8	0.4	5.00	6.20	12700	3
HN0810	HK0810V	8	12	10	0.4	6.64	6.40	12700	3.8
HN1010	HK1010V	10	14	10	0.4	5.76	8.88	10500	4.8
HN1210	HK1210V	12	16	10	0.6	6.40	9.20	8900	5.3
HN1212	HK1212V	12	18	12	0.6	8.16	9.76	8900	10.5
HN1312	HK1313V	13	19	12	0.6	8.50	14.20	8100	11
HN1412	HK1412V	14	20	12	0.8	8.80	14.08	7500	12
HN1512	HK1512V	15	21	12	0.8	9.40	16.40	7500	13
HN1516	HK1516V	15	21	16	0.8	12.32	22.08	7500	14



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HN1612	HK1612V	16	22	12	0.8	9.76	16.32	6700	13
HN1712	HK1712V	17	23	12	0.8	10.24	17.28	6400	14.1
HN1812	HK1812V	18	24	12	0.8	10.70	19.50	6000	16
HN1816	HK1816V	18	24	16	0.8	13.60	26.00	6000	20
HN2012	HK2016V	20	26	16	0.8	10.20	19.50	5850	17.5
HN2016	HK2016V	20	26	18	0.8	15.20	29.20	5850	22
HN2020	HK2020V	20	28	20	0.8	17.92	38.40	5700	24.5
HN2516	HK2516V	25	32	16	0.8	16.00	32.50	4350	27.5
HN2520	HK2520V	25	32	20	0.8	22.40	47.20	4350	38.6
HN2820	HK2820V	28	35	20	0.8	24.00	53.60	3950	44



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HN3020	HK3020V	30	37	20	0.8	24.80	56.80	3500	48.8
HN3520	HK3520V	35	42	20	0.8	30.40	66.40	3200	64
HN4020	HK4020V	40	47	20	0.8	28.80	76.00	2800	80.6
HN4520	HK4520V	45	52	20	0.8	33.60	87.40	2500	82.3
HN5020	HK5020V	50	58	20	0.8	35.68	95.20	2260	85.3
HN5025	HK5025V	50	58	25	0.8	43.20	121.60	2260	101

Full compliment needle roller bearings have a slightly reduced limiting speed, but in return offer a greater load capacity. The removal of a needle roller retaining cage allows for a greater quantity of rollers, with the rollers retained by the design of the outer shell instead.