

HK Series Needle Roller Bearing

Bearing Designation		Shaft Diameter□mm□	Weight(Kg)	Boundary Dimensions(mm)			Basic Load Rating(N)		Limiting Speed(rpm)
Current Code	Original Code			Fw	D	C	Dynamic	Static	Oil
HK0306TN		3		3	6.5	6	1320	950	6000
HK0408TN	37941/4	4	1.6	4	8	8	1540	1070	40000
HK0509TN		5		5	11	9	2200	1790	36000
HK0509	47941/5	5	2	5	9	9	2200	1790	36000
HK0510		5		5	9	10			
HK0606		6		6	10	6			
HK0607	27941/6	6	1.8	6	10	7	1600	1400	30000
HK0608	37941/6	6	2.1	6	10	8	1830	1550	32000
HK0609	47941/6	6	2.2	6	10	9	2650	2400	30000
HK0611		6	2.3	6	10	11	1700	1500	29000
HK06X12X8	Jun-1941	6	2.5	6	12	8	2230	2010	33000
HK0708		7		7	11	8	2800	2150	27000
HK0709	47941/9	7	2.3	7	11	9	2800	2150	27000
HK0712		7		7	11	12			
HK07X12X08		7	2.2	7	12	8	3300	3220	37000
HK07X12X09		7	2.4	7	12	9	3400	3150	37000
HK0808	37941/8	8	2.7	8	12	8	2550	2400	21000
HK0808TN		8		8	12	8			
HK0810	57941/8	8	3	8	12	10	3700	3450	21000
HK0812	67941/8	8		8	12	12			
HK08X14X10	27942/8	8	5.35	8	14	10	3800	3950	25000
HK08X14X12	37942/8	8	6.6	8	14	12	4100	4320	25000
HK0908	37941/9	9	3	9	13	8	3650	4050	25000
HK0910	57941/9	9	4	9	13	10	4050	4250	25000
HK0911		9	4.1	9	13	11	4300	4700	25000
HK0912	67941/9	9	4.6	9	13	12	5000	6000	25000
HK09X15X10	27942/9	9	5.6	9	15	10	5300	6300	25000
HK10X13X08		10	3.5	10	13	8	4100	4800	20000
HK1010	57941/10	10	4.1	10	14	10	3900	4800	19000
HK1012	67941/10	10	4.8	10	14	12	5000	6300	19000
HK1015		10	6	10	14	15	6700	7800	19000

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HK10X15X15	644900	10	6.5	10	15	15	6800	8800	18000
HK10X16X10		10	6.5	10	16	10	6800	8800	18000
HK10X16X12	DB1012	10	7.5	10	16	12	6800	8800	18000
HK10X16X15	Oct-1942	10	11	10	16	15	6800	8800	19000
HK10X17X15		10	11.5	10	17	15	7200	8000	19000
HK10X18X12		10	8.5	10	18	12	7200	8000	19000
HK1208	37941/12	12	3.3	12	16	8	7200	8000	19000
HK1210	57941/12	12	4.6	12	16	10	4150	5800	19000
HK1212	67941/12	12	5.6	12	18	12	3800	5100	15000
HK12X17X12	Dec-1941	12	7.5	12	17	12	5100	7000	15000
HK12X17X15	Dec-1942	12	9.5	12	17	15	5100	7000	15000
HK12X17X18	Dec-1943	12	11	12	17	18	5100	7000	15000
HK12X18X12	37942/12	12	9.1	12	18	12	5500	6300	17000
HK12X18X14	67942/12	12	10.6	12	18	14	6500	6300	15000
HK12X19X12		12	10	12	19	12	6800	7400	15000
HK1311	HK1311	13	8.5	13	19	11	6300	6300	14000
HK1312	HK1312	13	8.9	13	19	12	6200	7100	17000
HK13.5X19X12		13.5		13.5	19	12	6200	7100	16000
HK13.5X20X12	7941/13.5	13.5	10.8	13.5	20	12	6250	7590	16000
HK1410	27941/14	14	8.3	14	20	10	6700	7000	16000
HK1412	37941/14	14	10.5	14	20	12	6800	7500	16000
HK1416	57941/14	14	13.9	14	20	16	7300	9000	14000
HK1418		14		14	20	18	7300	9000	14000
HK15X20X12	7941/15	15	8.4	15	20	12	5800	6000	14000
HK15X20X16	7942/15	15	11.4	15	20	16	6000	6200	14000
HK15X20X20	7943/15	15	13.8	15	20	20	6100	6400	14000
HK1512	37941/15	15	11.1	15	21	12	7000	8400	14000
HK1514	47941/15	15	12.7	15	21	14	8500	10400	13000
HK1515		15	14.2	15	21	15	9100	11400	13000
HK1516	57941/15	15	15	15	21	16	9800	11400	14000
HK1518		15		15	21	18			
HK1520		15		15	21	20			
HK1522	SZ-439	15	20.4	15	21	22	10400	16500	14000
HK15X22X12	7948/15	15	12.5	15	22	12	14300	18400	13000
HK15X22X12.5	7948/15K	15	13.5	15	22	12.5	14300	18400	13000
HK16X21X06		16	5.5	16	21	6	4200	5300	12000

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HK16X21X09		16	7.5	16	21	9	4400	5600	12000
HK1610	27941/16	16		16	22	10			
HK1612	37941/16	16	11.7	16	22	12	7100	9200	14000
HK1612K		16		16	22	12			
HK1614	47941/16	16	14.4	16	22	14	8800	9900	12000
HK1616	57941/16	16	15.8	16	22	16	10100	14300	14000
HK1616-Asl		16		16	22	16			
HK1617	SZ-435	16	18	16	22	17	12900	17200	12000
HK1620	77941/20	16		16	22	20			
HK1622	87941/16	16	21.7	16	22	22	11100	17400	14000
HK17X21.5X15	17BTM15	17	10	17	21.5	15	6300	8600	11000
HK1712	37941/17	17	12.2	17	23	12	6900	9300	13000
HK1714	7941/17	17	14	17	23	14	6800	10200	10000
HK1716	57941/17	17	15.9	17	23	16	8500	12500	10000
HK1718	7942/17	17	19	17	23	18	9500	10600	10000
HK1720		17		17	23	20	10000	11800	10000
HK1722	7943/17	17	17	17	23	22			
HK17X24X15		17	17	17	24	15	11200	12800	10000
HK17X25X14	37942/17K	17	17.7	17	25	14	13100	14700	10000
HK17X25X15.5		17	20	17	25	15.5	9320	10400	10000
HK17X25X18	57942/17K	17	23.5	17	25	18	9500	10600	11000
HK1812	37941/18	18	13.1	18	24	12	7100	9900	12000
HK1816	57941/18	18	17.5	18	24	16	10600	15300	12000
HK18X24X20		18	18	18	24	20			
HK19X27X16	TA1916	19	23	19	27	16	8100	9500	10500
HK2010	27941/20	20	11.8	20	26	10	5900	7200	10000
HK2011		20	12	20	26	11	7500	9200	9000
HK2012	37941/20	20	14.1	20	26	12	7600	10100	10000
HK2014	47941/20	20	15.7	20	26	14	9700	18100	9000
HK2016	57941/20	20	19.3	20	26	16	11700	29100	10000
HK2018	67941/20	20	23.3	20	26	18	7900	12800	9000
HK2020	7942/20	20	24.1	20	26	20	13700	24000	10000
HK2025	7943/20	20	28	20	26	25	9100	14800	9900
HK2030		20	41	20	26	30	21800	40000	10100
HK20X27X18		20		20	27	18	26000	47200	9900
HK20X27X20		20		20	27	20	26300	47800	9900

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HK20X27X30		20		20	27	30	28500	48800	9900
HK20X28X16	47942/20	20	28.5	20	28	16	29600	49800	9900
HK20X29X18		20	41	20	29	18	30900	54600	9900
HK22X28X7.5TN		22	8.8	22	28	7.5	5200	7000	10100
HK2210	27941/22	22	12.3	22	28	10	7200	9500	10100
HK2212	37941/22	22	15	22	28	12	8100	10400	10100
HK2216	57941/22	22	20.9	22	28	16	11400	18100	10100
HK2220	77941/22	22	26.2	22	28	20	14500	25000	10100
HK2230		22	32	22	28	30	17500	30400	9000
HK22X29X25		22	37	22	29	25	18100	31500	9000
HK22X25X30		22	43	22	29	30	19400	33100	9000
HK22X30X14	37942/22	22	21.9	22	30	14	19800	34000	9000
HK24X30X7.5TN		24	10.6	24	30	7.5	5800	7200	10000
HK2512	27941/25	25	20	25	32	12	10000	14200	9000
HK2514	37941/25	25	21.9	25	32	14	13600	18700	9000
HK2516	7941/25	25	27.3	25	32	16	13600	20000	9000
HK2518	57941/25	25	28.2	25	32	18	17500	25800	9000
HK2520	67941/25	25	34.1	25	32	20	17900	30000	9000
HK2525	7943/25	25	40	25	32	25	22200	36700	9000
HK2526		25	44.8	25	32	26	22500	42000	9000
HK2538	87941/25	25	64.7	25	32	38	30000	58000	9000
HK25X33X10		25	17	25	33	10	34800	69600	9000
HK25X33X15		25	27.4	25	33	15	35700	70000	9000
HK25X35X20	57942/25	25	44.9	25	35	20	36100	78650	9000
HK2812		28		28	35	12			
HK2816	47941/28	28	30.1	28	35	16	15400	22500	8700
HK2818	57941/28	28	31.7	28	35	18	18500	29300	8700
HK2820	67941/28	28	37.6	28	35	20	18900	32000	8700
HK2825		28		28	35	25			
HK2830		28		28	35	30			
HK2833		28		28	35	33			
HK3012	27941/30	30	24	30	37	12	10100	16200	8100
HK3016	47941/30	30	32	30	37	16	15200	27000	8100
HK3018	57941/30	30	33.6	30	37	18	19200	31500	8100
HK3020	67941/30	30	40.1	30	37	20	19700	33500	8100
HK3020-K		30		30	37	20			

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HK3024		30		30	37	24			
HK3026		30	52.9	30	37	26	24000	50000	8100
HK3030		30		30	37	30			
HK3038		30	76.1	30	37	38	32500	74000	8100
HK30X38X12	27941/30K	30	28	30	38	12	38100	80000	8100
HK30X38X16	7941/30	30	32.7	30	38	16	39000	82000	8100
HK30X38X24	7942/30	30	49	30	38	24	39910	88800	8100
HK30X38X32	7943/30	30	69	30	38	32	38890	88700	8100
HK32X38X11		32	17	32	38	11	19700	43200	7800
HK3224	77941/32	32	50.7	32	38	24	25500	52000	7300
HK3232	97941/32	32	66.4	32	39	32	22600	54300	7100
HK32X19X16		32		32	19	16			
HK32X40X32	7943/32	32	72.7	32	39	32	27990	59890	7100
HK32X41X16		32		32	41	16			
HK3512	27941/35	35	27.7	35	40	12	12100	19300	7100
HK3516	47941/35	35	36.9	35	42	16	15700	27500	7100
HK3520	67941/35	35	46.1	35	42	20	20800	41000	7100
HK3520/ASI		35		35	42	20			
HK3524		35		35	42	24			
HK3530		35		35	42	30			
HK35X42X16	7941/35	35	37	35	42	16	24200	47100	7100
HK35X43X25	7942/35	35	60.5	35	43	25	24440	48200	6200
HK35X43X32	7943/35	35	80	35	43	32	24870	48880	6200
HK35X45X12		35	31	35	45	12	24870	48880	6200
HK36X42X12		36	23	36	42	12	15000	21000	6200
HK3818		38		38	45	18			
HK38X48X30		38	102	38	48	30	16100	24100	6000
HK4012	27941/40	40	31.1	40	47	12	14000	24300	6300
HK4016	47941/40	40	41.4	40	47	16	20000	38500	6300
HK4020	67941/40	40	51.8	40	47	20	25500	52000	6300
HK4020/ASI		40		40	47	20			
HK4026		40		40	47	26			
HK4030		40		40	47	30			
HK4025		40		40	50	25			
HK40X50X32	7942/40	40	114.3	40	50	32	23000	42000	6000
HK40X50X38	7943/40	40	130.8	40	50	38	24100	43000	6000

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HK4512	27941/45	45	34.8	45	52	12	12900	22500	5800
HK4512-K		45		45	52	12			
HK4516	47941/45	45	46.2	45	52	16	19300	38000	5800
HK4520	67941/45	45	56	45	52	20	22000	51000	5800
HK4520-ASI		45		45	52	20			
HK4520-K		45		45	52	20			
HK4520-YA		45		45	52	20			
HK45X55X38	7943/45	45	135	45	55	38	27600	61000	5300
HK50X57X16		50	51.2	50	57	16	15200	32500	5300
HK5012	27941/50	50	44.2	50	58	12	23600	57200	5300
HK5020	57941/50	50	72	50	58	20	28000	60000	5300
HK5025	7943/50	50	90.1	50	58	25	34500	80000	5300
HK50X60X38		55	140	50	60	38	27770	63100	4600
HK5520	57941/55	55	78	55	63	20	29500	59900	4600
HK5525	77941/55	55	109	55	63	25	33200	69980	4600
HK5528	87941/55	55	111	55	63	28	39090	98000	4600
HK6012		60	49.2	60	68	12	12400	29000	4100
HK6020	57941/60	60	86	60	68	20	30500	72000	4100
HK6032	87941/60	60	136	60	68	32	50000	131000	4100