



Shaanxi Gainhui Heavy Industries Co., Ltd.
Bearing Manufacturer And Supplier In China

BECAUSE WE ARE FOCUSED WE ARE PROFESSIONAL

We are committed to providing competitive bearing products and OEM services to global customers.



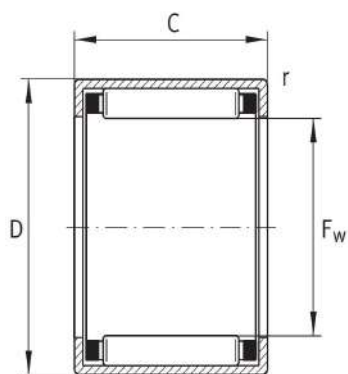
Drawn Cup Needle Roller Bearings



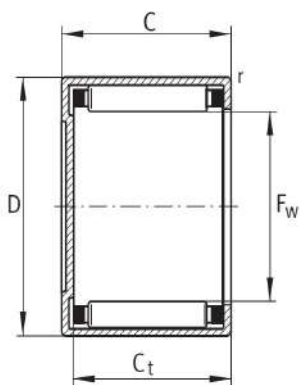
Bearing Series:

HK series, BK series

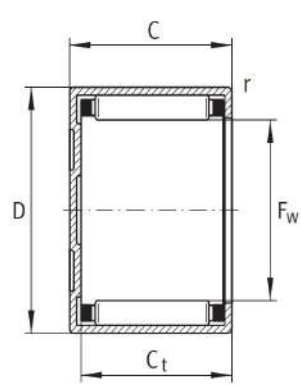




HK

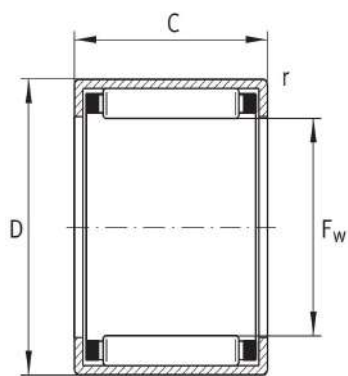


BK $F_w < 25 \text{ mm}$

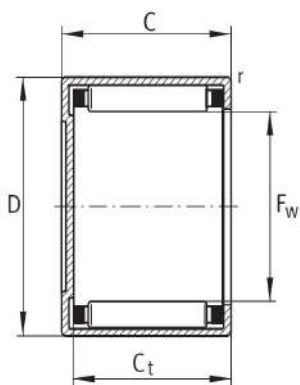


BK $F_w \geq 25 \text{ mm}$

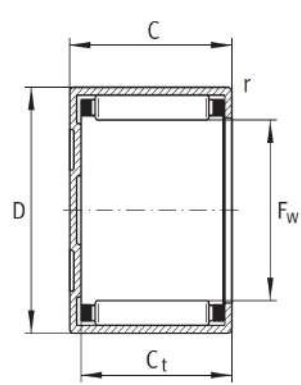
Bearing designation	Mass	Bearing designation	Mass	Dimensions (mm)					Basic dynamic load rating	Basic static load rating	Fatigue load limit	Limiting speed	Reference speed	Inner ring	
	m		m	Fw	D	C	Ct	r	C_r	C_{or}	C_{ur}	nG	nB	LR	IR
	≈g		≈g			-0.3 min.	min.		N	N	N	min-1	min-1		
HK0205-TV	0.3	—	—	2	4.6	5	—	0.3	465	265	28.5	58 000	93 000	—	—
HK0306-TV	1	BK0306-TV	1	3	6.5	6	5.2	0.3	1 230	840	113	48 000	57 000	—	—
HK0408	2	BK0408	2.1	4	8	8	6.4	0.3	1 780	1310	144	42 500	44 500	—	—
HK0509	2	BK0509	2.1	5	9	9	7.4	0.4	2 400	1990	239	39 000	36 500	—	—
HK0606	1.5	—	—	6	10	6	—	0.4	1 610	1220	167	36 500	31 500	—	—
HK0608	2.1	—	—	6	10	8	—	0.4	2 030	1650	184	36 500	31 500	—	—
HK0609	2.5	BK0609	2.6	6	10	9	7.4	0.4	2 850	2600	310	36 500	30 500	—	—
HK0709	2.6	BK0709	2.9	7	11	9	7.4	0.4	3 100	2950	355	33 000	26 500	—	—
HK0808	2.7	BK0808	3	8	12	8	6.4	0.4	2 750	2600	290	29 500	23 800	—	—
HK0810	3	BK0810	3.4	8	12	10	8.4	0.4	3 800	3950	500	29 500	23 200	—	IR5X8X12
HK0908	3	—	—	9	13	8	—	0.4	3 550	3750	440	26 500	20 600	—	—
HK0910	4	BK0910	4.3	9	13	10	8.4	0.4	4 250	4650	600	26 500	20 600	—	—
HK0912	4.6	BK0912	4.9	9	13	12	10.4	0.4	5 300	6300	860	26 500	20 200	—	IR6X9X12
HK1010	4.1	BK1010	4.3	10	14	10	8.4	0.4	4 400	5100	650	24 300	18 700	LR7X10X10,5	IR7X10X10,5
HK1012	4.8	BK1012	5	10	14	12	10.4	0.4	5 500	6800	930	24 300	18 400	—	IR7X10X12
HK1015	6	BK1015	6.2	10	14	15	13.4	0.4	6 800	8800	1 210	24 300	18 200	—	IR7X10X16
HK1210	4.6	BK1210	5.2	12	16	10	8.4	0.4	4 950	6200	800	20 700	15 700	LR8X12X10,5	IR8X12X10,5
HK1212	9	BK1212	10	12	18	12	9.3	0.8	6 500	7300	860	20 000	15 500	LR8X12X12,5	IR8X12X12,5
HK1312	10	BK1312	11	13	19	12	9.3	0.8	6 800	7900	940	18 700	14 400	LR10X13X12,5	IR10X13X12,5
HK1412	10.5	BK1412	12	14	20	12	9.3	0.8	7 100	8500	1 010	17 500	13 500	—	IR10X14X13
HK1512	11	BK1512	13	15	21	12	9.3	0.8	7 900	9400	1 150	16 300	12 300	LR12X15X12,5	IR12X15X12,5
HK1516	15	BK1516	17	15	21	16	13.3	0.8	10 500	14 400	1 780	16 500	12 300	LR12X15X16,5	IR12X15X16,5
HK1522-ZW	20	—	—	15	21	22	—	0.8	13 400	19 500	2 380	16 500	12 300	LR12X15X22,5	IR12X15X22,5
HK1612	12	BK1612	14	16	22	12	9.3	0.8	7 600	9700	1 160	15 600	11 900	—	IR12X16X13
HK1616	16	BK1616	18	16	22	16	13.3	0.8	10 900	15 300	1 900	15 600	11 600	—	IR12X16X16
HK1622-ZW	22	BK1622-ZW	24	16	22	22	19.3	0.8	13 100	19 400	2 310	15 600	11 700	—	IR12X16X22
HK1712	12	—	—	17	23	12	—	0.8	7 900	10 300	1 230	14 700	11 200	—	—
HK1812	13	BK1812	15	18	24	12	9.3	0.8	8 100	10 900	1 300	14 000	10 700	LR15X18X12,5	—
HK1816	18	BK1816	20	18	24	16	13.3	0.8	11 600	17 300	2 140	14 000	10 400	LR15X18X16,5	IR15X18X16,5
HK2010	12	—	—	20	26	10	—	0.8	6 400	8200	1 040	12 700	10 000	—	—



HK

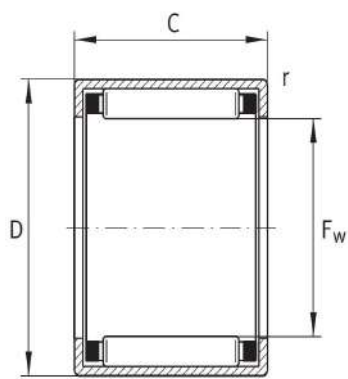


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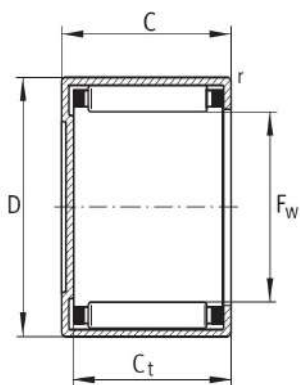


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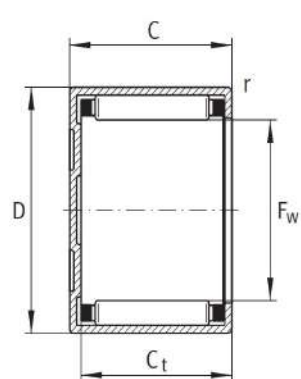
Bearing designation	Mass	Bearing designation	Mass	Dimensions (mm)					Basic dynamic load rating	Basic static load rating	Fatigue load limit	Limiting speed	Reference speed	Inner ring	
	m		m	Fw	D	C	Ct	r	C_r	C_{or}	C_{ur}	nG	nB	LR	IR
	≈g		≈g			-0.3 min.	min.		N	N	N	min-1	min-1		
HK2012	14	—	—	20	26	12	—	0.8	8 600	12 100	1 450	12 700	9700	—	IR15X20X13
HK2016	19	BK2016	22	20	26	16	13.3	0.8	12 700	20 100	2 500	12 700	9300	LR17X20X16,5	IR17X20X16,5
HK2020	24	BK2020	27	20	26	20	17.3	0.8	15 700	26 000	3 500	12 700	9300	LR17X20X20,5	IR17X20X20,5
HK2030-ZW	35	—	—	20	26	30	—	0.8	21 800	40 000	5 000	12 700	9200	LR17X20X30,5	IR17X20X30,5
HK2210	13	—	—	22	28	10	—	0.8	7	500	10 500	1360	11 700	9000	—
HK2212	15	BK2212	18	22	28	12	9.3	0.8	9	100	13 400	1600	11 700	8900	—
HK2216	21	BK2216	24	22	28	16	13.3	0.8	13 400	22 100	2800	11 700	8500	—	IR17X22X16
HK2220	26	—	—	22	28	20	—	0.8	16 500	29 000	3850	11 700	8500	—	IR17X22X23
HK2512	20	—	—	25	32	12	—	0.8	11 000	15 200	1990	10 200	7800	LR20X25X12,5	—
HK2516	27	BK2516	32	25	32	16	13.3	0.8	15 600	24 000	3150	10 200	7500	LR20X25X16,5	IR20X25X17
HK2520	33	BK2520	38	25	32	20	17.3	0.8	19 900	33 000	4200	10 200	7400	LR20X25X20,5	IR20X25X20,5
HK2526	44	BK2526	48	25	32	26	23.3	0.8	25 500	45 000	6200	10 200	7300	LR20X25X26,5	IR20X25X26,5
HK2538-ZW	64	BK2538-ZW	68	25	32	38	35.3	0.8	34 000	66 000	8400	10 200	7300	LR20X25X38,5	IR20X25X38,5
HK2816	29	—	—	28	35	16	—	0.8	16 400	26 500	3450	9 200	6800	—	IR22X28X17
HK2820	36	—	—	28	35	20	—	0.8	20 900	36 000	4650	9 200	6700	LR22X28X20,5	IR22X28X20,5
HK3012	23	BK3012	28	30	37	12	9.3	0.8	12 100	18 200	2390	8 600	6600	LR25X30X12,5	—
HK3016	31	BK3016	38	30	37	16	13.3	0.8	17 200	29 000	3750	8 600	6400	LR25X30X16,5	IR25X30X17
HK3020	39	BK3020	47	30	37	20	17.3	0.8	22 000	39 500	5100	8 600	6300	LR25X30X20,5	IR25X30X20,5
HK3022	42	—	—	30	37	22	—	0.8	24 800	46 000	6100	8 600	6200	—	—
HK3026	51	BK3026	58	30	37	26	23.3	0.8	28 000	54 000	7400	8 600	6200	LR25X30X26,5	IR25X30X26,5
HK3038-ZW	76	BK3038-ZW	84	30	37	38	35.3	0.8	37 500	79 000	10 100	8 600	6200	LR25X30X38,5	IR25X30X38,5
HK3220	40.6	—	—	32	39	20	—	0.8	23 000	42 500	5500	8 100	5900	LR28X32X20	—
HK3224	49	—	—	32	39	24	—	0.8	27 500	54 000	7300	8 100	5800	—	—
HK3512	27	—	—	35	42	12	—	0.8	13 100	21 300	2800	7 500	5800	LR30X35X12,5	—
HK3516	36	—	—	35	42	16	—	0.8	18 700	33 500	4400	7 500	5600	LR30X35X16,5	IR30X35X17
HK3520	44	BK3520	53	35	42	20	17.3	0.8	23 800	46 000	5900	7 500	5500	LR30X35X20,5	IR30X35X20,5
HK4012	30	—	—	40	47	12	—	0.8	14 000	24 300	3200	6 600	5200	LR35X40X12,5	—
HK4016	39	—	—	40	47	16	—	0.8	20 000	38 500	5000	6 600	5000	LR35X40X16,5	IR35X40X17
HK4020	54	BK4020	62	40	47	20	17.3	0.8	25 500	52 000	6800	6 600	4900	LR35X40X20,5	IR35X40X20,5
HK4512	33	—	—	45	52	12	—	0.8	14 900	27 500	3600	5 900	4650	—	—



HK

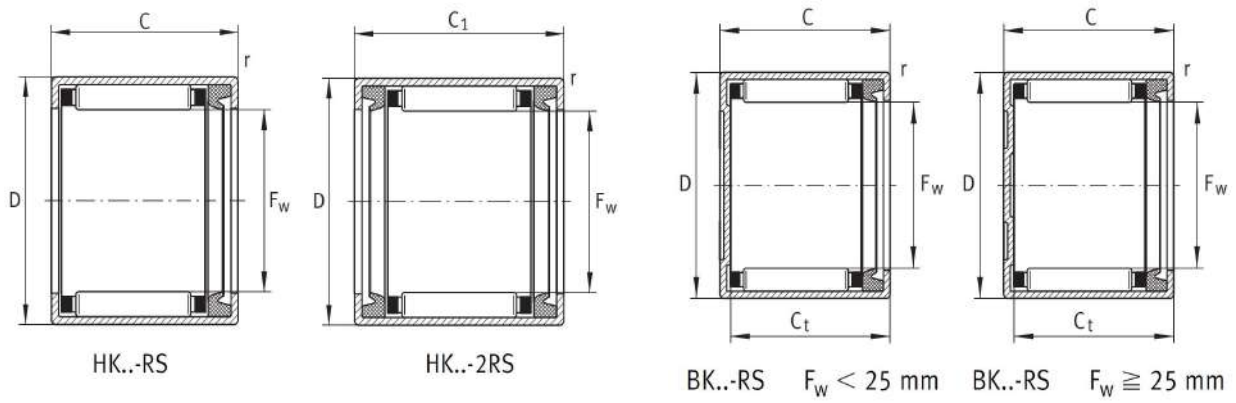


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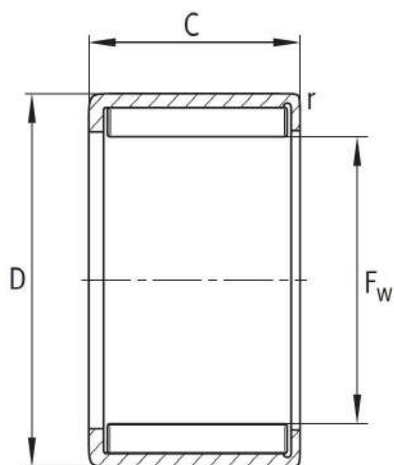


BK $F_w \geq 25 \text{ mm}$

Bearing designation	Mass	Bearing designation	Mass	Dimensions (mm)					Basic dynamic load rating	Basic static load rating	Fatigue load limit	Limiting speed	Reference speed	Inner ring	
	m		m	Fw	D	C	Ct	r	C_r	C_{or}	C_{ur}	nG	nB	LR	IR
	≈g		≈g			-0.3	min.	min.	N	N	N	min-1	min-1		
HK4516	46	—	—	45	52	16	—	0.8	21 300	43 000	5700	5 900	4550	LR40X45X16,5	IR40X45X17
HK4520	56	BK4520	72	45	52	20	17.3	0.8	27 000	59 000	7600	5 900	4450	LR40X45X20,5	IR40X45X20,5
HK5020	70	—	—	50	58	20	—	0.8	31 000	63 000	8200	5 300	4050	LR45X50X20,5	—
HK5025	90	—	—	50	58	25	—	0.8	38 500	84 000	11 700	5 300	4000	LR45X50X25,5	IR45X50X25,5
HK5520	74	—	—	55	63	20	—	0.8	31 500	67 000	8700	4 850	3800	LR50X55X20,5	—
HK5528	105	—	—	55	63	28	—	0.8	44 000	103 000	14 700	4850	3700	—	—
HK6012	49	—	—	60	68	12	—	0.8	17 400	32 000	4250	4 450	3750	—	—
HK6020	81	—	—	60	68	20	—	0.8	33 500	75 000	9800	4 450	3500	—	—
HK6032	136	—	—	60	68	32	—	0.8	53 000	135 000	19 700	4 450	3400	—	—



Bearing designation	Mass	Bearing designation	Mass	Bearing designation	Mass	Dimensions (mm)						Basic dynamic load rating	Basic static load rating	Fatigue load limit	Limiting speed	Inner ring for HK..-RS and HK..-2RS		Inner ring for BK..-RS
	m		m		m	Fw	D	C	C1	Ct	r	C_r	C_{or}	C_{ur}	nG	LR	IR	LR、IR
	≈g		≈g		≈g			-0.3	-0.3	min.	min.	N	N	N	min-1			
—	—	HK0810-2RS	3.2	—	—	8	12	—	10	—	0.4	2180	1 930	265	20 000	—	—	—
HK0810-RS	3	HK0812-2RS	3.3	—	—	8	12	10	12	—	0.4	2750	2 600	290	20 000	—	—	—
HK0812-RS	3.1	—	—	—	—	8	12	12	—	—	0.4	3800	3 950	500	20 000	—	—	—
—	—	HK1012-2RS	4.3	—	—	10	14	—	12	—	0.4	3200	3 350	380	17 000	—	—	—
HK1012-RS	4.2	HK1014-2RS	4.6	BK1012-RS	4.3	10	14	12	14	—	0.4	4400	5 100	650	17 000	—	—	—
—	—	HK1214-2RS	8	—	—	12	16	—	14	—	0.4	4950	6 200	800	14 000	—	—	—
HK1214-RS	10	HK1216-2RS	11	—	—	12	18	14	16	—	0.8	6500	7 300	860	14 000	—	—	—
HK1414-RS	12	HK1416-2RS	13	BK1414-RS	13	14	20	14	16	11.3	0.8	7100	8 500	1010	12 000	—	—	—
HK1514-RS	12	HK1516-2RS	15	—	—	15	21	14	16	—	0.8	7800	9 800	1190	11 000	LR12X15X16,5	IR12X15X16,5	LR12X15X12,5
HK1518-RS	16	HK1520-2RS	18	—	—	15	21	18	20	—	0.8	10 500	14 400	1780	11 000	—	—	—
HK1614-RS	13	HK1616-2RS	14	BK1614-RS	15	16	22	14	16	11.3	0.8	7600	9 700	1160	11 000	—	IR12X16X20	IR12X16X13
—	—	HK1620-2RS	18	—	—	16	22	—	20	—	0.8	10 900	15 300	1900	11 000	—	—	—
HK1814-RS	14	HK1816-2RS	15	—	—	18	24	14	16	—	0.8	8100	10 900	1300	9 500	LR15X18X16,5	IR15X18X16,5	—
—	—	HK2016-2RS	18	—	—	20	26	—	16	—	0.8	8600	12 100	1450	8 500	LR17X20X16,5	IR17X20X16,5	—
HK2018-RS	21	HK2020-2RS	23	BK2018-RS	24	20	26	18	20	15.3	0.8	12 700	20 100	2500	8 500	LR17X20X20,5	IR17X20X20,5	LR17X20X16,5
HK2214-RS	16	HK2216-2RS	18	—	—	22	28	14	16	—	0.8	9100	13 400	1600	8 000	—	IR17X22X16	—
HK2218-RS	24	HK2220-2RS	26	—	—	22	28	18	20	—	0.8	13 400	22 100	2800	8 000	—	IR17X22X23	—
—	—	HK2516-2RS	27	—	—	25	32	—	16	—	0.8	11 000	15 200	1990	7 000	LR20X25X16,5	IR20X25X17	—
HK2518-RS	29	HK2520-2RS	31	BK2518-RS	34	25	32	18	20	15.3	0.8	15 600	24 000	3150	7 000	LR20X25	IR20X25X20,5	LR20X25X16,5
—	—	HK2524-2RS	40	—	—	25	32	—	24	—	0.8	19 900	33 000	4200	7 000	—	—	—
—	—	HK2530-2RS	47	—	—	25	32	—	30	—	0.8	25 500	45 000	6200	7 000	—	IR20X25X30	—
HK2818-RS	31	HK2820-2RS	34	—	—	28	35	18	20	—	0.8	16 400	26 500	3450	6 000	LR22X28X20,5	IR22X28X20,5	—
—	—	HK3016-2RS	31	—	—	30	37	—	16	—	0.8	12 100	18 200	2390	6 000	LR25X30X16,5	IR25X30X17	—
HK3018-RS	37	HK3020-2RS	36	—	—	30	37	18	20	—	0.8	17 200	29 000	3750	6 000	LR25X30X20,5	IR25X30X20,5	—
—	—	HK3024-2RS	44	—	—	30	37	—	24	—	0.8	22 000	39 500	5100	6 000	—	—	—
—	—	HK3516-2RS	32	—	—	35	42	—	16	—	0.8	13 100	21 300	2800	5 000	LR30X35X16,5	IR30X35X17	—
HK3518-RS	39	HK3520-2RS	41	—	—	35	42	18	20	—	0.8	18 700	33 500	4400	5 000	LR30X35X20,5	IR30X35X20,5	—
—	—	HK4016-2RS	37	—	—	40	47	—	16	—	0.8	14 000	24 300	3200	4 500	LR35X40X16,5	IR35X40X17	—
HK4018-RS	45	HK4020-2RS	48	—	—	40	47	18	20	—	0.8	20 000	38 500	5000	4 500	LR35X40X20,5	IR35X40X20,5	—
HK4518-RS	50	HK4520-2RS	54	—	—	45	52	18	20	—	0.8	21 300	43 000	5700	4 000	LR40X45X20,5	IR40X45X20,5	—
HK5022-RS	76	HK5024-2RS	81	—	—	50	58	22	24	—	0.8	31 000	63 000	8200	3 600	LR45X50X25,5	IR45X50X25,5	—



HN

Bearing designation	Mass	Dimensions (mm)					Basic dynamic load rating	Basic static load rating	Fatigue load limit	Limiting speed	Reference speed	Inner ring	
	m	Fw	D	C	r	C_r	C_{or}	Cur	nG	nB		LR	IR
	≈g				min.	N	N	N	min-1	min-1			
HN0808	3	8	12	8	0.4	5 000	6 700	870	12 700	18 000		–	–
HN1010	4.6	10	14	10	0.4	7 200	11 100	1 540	10 400	14 200		LR7X10X10,5	IR7X10X10,5
HN1210	5.3	12	16	10	0.4	8 000	13 400	1 850	8 900	11 900		LR8X12X10,5	IR8X12X10,5
HN1212	10.5	12	18	12	0.8	10 200	15 200	1 950	8 900	11 400		LR8X12X12,5	IR8X12X12,5
HN1412	12	14	20	12	0.8	11 000	17 500	2 260	7 500	10 400		–	IR10X14X13
HN1516	14	15	21	16	0.8	15 400	27 500	3 600	7 100	9600		LR12X15X16,5	IR12X15X16,5
HN1612	13	16	22	12	0.8	12 000	20 300	2 600	6 700	9200		–	IR12X16X13
HN1816	20	18	24	16	0.8	17 000	32 500	4 250	6 000	8000		LR15X18X16,5	IR15X18X16,5
HN2016	22	20	26	16	0.8	18 100	36 500	4 750	5 400	7300		LR17X20X16,5	IR17X20X16,5
HN2020	29.5	20	26	20	0.8	22 400	48 000	6 600	5 400	7200		LR17X20X20,5	IR17X20X20,5
HN2520	39.6	25	32	20	0.8	28 000	59 000	7 900	4 350	5800		LR20X25X20,5	IR20X25X20,5
HN2820	44	28	35	20	0.8	30 000	67 000	9 000	3 950	5200		LR22X28X20,5	IR22X28X20,5
HN3520	54	35	42	20	0.8	33 500	83 000	11 100	3 200	4250		LR30X35X20,5	IR30X35X20,5
HN4020	60.5	40	47	20	0.8	36 000	95 000	12 700	2 800	3750		LR35X40X20,5	IR35X40X20,5
HN4520	66	45	52	20	0.8	38 500	108 000	14 500	2 500	3400		LR40X45X20,5	IR40X45X20,5
HN4525	85	45	52	25	0.8	47 000	139 000	19 500	2 500	3350		–	–
HN5020	85.3	50	58	20	0.8	44 500	119 000	16 200	2 260	3100		LR45X50X20,5	–
HN5025	107	50	58	25	0.8	54 000	152 000	21 700	2 260	3050		LR45X50X25,5	IR45X50X25,5



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BECAUSE WE ARE FOCUSED WE ARE PROFESSIONAL

We are committed to providing competitive bearing products and OEM services to global customers.



Founded in 2009, Shaanxi Gainhui Heavy Industries Co., Ltd. covers an area of 16,000 square meters, which is a professional bearing manufacturer and distributor in China. The company is committed to the design, manufacture and service of precision bearings, focusing on providing customers with reliable bearing products and cost-effective technical solutions.

The company adopts advanced production equipment and testing equipment, is equipped with a professional quality testing department, formulates a complete quality management system, and specializes in the production of high-precision, low-noise, and long-life bearings. Shaanxi Gainhui Heavy Industries Co., Ltd. insists on quality as the core, innovation as the driving force, promotes development through service, and sincerely provides services to customers all over the world.



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