

# Jinbo Marine

Marine & Offshore Equipment Datasheet

PRODUCT DATASHEET

## HIGH PRESSURE PUMP

# HNBF150 Series Hydraulic Nut

HNBF150 Series Hydraulic Nut The HNBF series hydraulic nuts are mainly used for keyless connections of connecting parts. Its working principle is to use ultra-high pressure oil to generate a thrust on the shaft and...

ISO9001 Supplier

Class Certificate

Export Supply



## Key Highlights

Category	High Pressure Pump
Standard	EN
Weight / Size	Model Size A(mm) B(mm) C(mm) D(mm) E(mm) Stroke(m) area mm2 Weight HNB...
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.



## Technical Specifications

<b>Category</b>	High Pressure Pump	<b>Model / SKU</b>	HNBF150-Series-Hydraulic-Nut
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Standard	EN	Weight / Size	Model Size A(mm) B(mm) C(mm)
			D(mm) E(mm) Stroke(m) area mm <sup>2</sup> Weight HNBF050 M50X1.5 50.5 104 114 38 4 5 2900 2.70
			HNBF055 M55X2 55.5 109 120 38 4 5 3150 2.75 HNBF060
			M60X2 60.5 115 125 38 5 5 3300 2.80 HNBF065 M65X2 65.5 121
			130 38 5 5 3600 3.00 HNBF070
			M70X2 70.5 127 135 38 5 5 3800 3.20 HNBF075 M75X2 75.5 132
			140 38 5 5 4000 3.40 HNBF080
			M80X2 80.5 137 146 38 5 5 4200 3.70 HNBF085 M85X2 85.5 142
			150 38 5 5 4400 3.75 HNBF090
			M90X2 90.5 147 156 38 5 5 4700 4.00 HNBF095 M95X2 95.5 153
			162 38 5 5 4900 4.30 HNBF100
			M100X2 100.5 158 166 38 6 5 5100 4.40 HNBF105 M105X2
			105.5 163 172 38 6 5 5300 4.65
			HNBF110 M110X2 110.5 169 178 38 6 5 5600 4.95 HNBF115
			M115X2 115.5 174 182 38 6 5 5800 5.00 HNBF120 M120X2
			120.5 179 188 38 6 5 6000 5.25
			HNBF125 M125X2 125.5 184 192 38 6 5 6200 5.35 HNBF130
			M130X2 130.5 190 198 38 6 5 6400 5.65 HNBF135 M135X2
			135.5 195 204 38 6 5 6600 5.90
			HNBF140 M140X2 140.5 200 208 38 7 5 6800 6.00 HNBF145
			M145X2 145.5 206 214 39 7 5 7300 6.50 HNBF150 M150X2
			150.5 211 220 39 7 5 7500 6.60
			HNBF155 M155X3 155.5 218 226 39 7 5 8100 6.95 HNBF160
			M160X3 160.5 224 232 40 7 6 8600 7.60 HNBF165 M165X3
			165.5 229 238 40 7 6 8900 7.90
			HNBF170 M170X3 170.5 235 244 41 7 6 9400 8.40 HNBF180
			M180X3 180.5 247 256 41 7 6 1030 9.15 HNBF190 M190X3 191
			259 270 42 8 7 1150 10.5
			HNBF200 M200X3 201 271 282 43 8 8 1250 11.5 HNBF205
			Tr205X4 207 276 288 43 8 8 1280 12.0

<b>Surface</b>	Dismantling high-pressure joint surfaces, such as train wheels, couplings, flywheels, and gears Techincal data:	<b>Certificate</b>	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS
<b>Warranty</b>	12 Months unless specified otherwise	<b>Origin</b>	China

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## ■ HNBF150 Series Hydraulic Nut

■ Techincal data: Model		Size A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	Stroke(m)	area mm <sup>2</sup>	Weight
HNBF050	M50X1.5	50.5	104	114	38	4	5	2900	2.70
HNBF055	M55X2	55.5	109	120	38	4	5	3150	2.75
HNBF060	M60X2	60.5	115	125	38	5	5	3300	2.80
HNBF065	M65X2	65.5	121	130	38	5	5	3600	3.00
HNBF070	M70X2	70.5	127	135	38	5	5	3800	3.20
HNBF075	M75X2	75.5	132	140	38	5	5	4000	3.40
HNBF080	M80X2	80.5	137	146	38	5	5	4200	3.70
HNBF085	M85X2	85.5	142	150	38	5	5	4400	3.75
HNBF090	M90X2	90.5	147	156	38	5	5	4700	4.00
HNBF095	M95X2	95.5	153	162	38	5	5	4900	4.30
HNBF100	M100X2	100.5	158	166	38	6	5	5100	4.40
HNBF105	M105X2	105.5	163	172	38	6	5	5300	4.65
HNBF110	M110X2	110.5	169	178	38	6	5	5600	4.95
HNBF115	M115X2	115.5	174	182	38	6	5	5800	5.00
HNBF120	M120X2	120.5	179	188	38	6	5	6000	5.25
HNBF125	M125X2	125.5	184	192	38	6	5	6200	5.35
HNBF130	M130X2	130.5	190	198	38	6	5	6400	5.65
HNBF135	M135X2	135.5	195	204	38	6	5	6600	5.90
HNBF140	M140X2	140.5	200	208	38	7	5	6800	6.00
HNBF145	M145X2	145.5	206	214	39	7	5	7300	6.50
HNBF150	M150X2	150.5	211	220	39	7	5	7500	6.60
HNBF155	M155X3	155.5	218	226	39	7	5	8100	6.95
HNBF160	M160X3	160.5	224	232	40	7	6	8600	7.60
HNBF165	M165X3	165.5	229	238	40	7	6	8900	7.90
HNBF170	M170X3	170.5	235	244	41	7	6	9400	8.40
HNBF180	M180X3	180.5	247	256	41	7	6	1030	9.15
HNBF190	M190X3	191	259	270	42	8	7	1150	10.5
HNBF200	M200X3	201	271	282	43	8	8	1250	11.5
HNBF205	Tr205X4	207	276	288	43	8	8	1280	12.0

## HNBF150 Series Hydraulic Nut

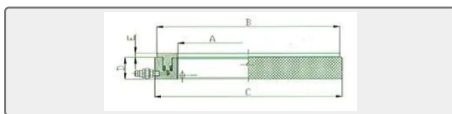
The HNBF series hydraulic nuts are mainly used for keyless connections of connecting parts. Its working principle is to use ultra-high pressure oil to generate a thrust on the shaft and a tension on the shaft sleeve, so that the shaft and shaft sleeve are uniformly connected under force. There are two ways to inject oil axially and radially, and the pressure is evenly distributed on the pressure ring. The standard working pressure is 100MPa

Scope of use: Installation and disassembly of bearings; Installation and dismantling of propellers, rudder tiles, etc; Dismantling high-pressure joint surfaces, such as train wheels, couplings, flywheels, and gears

Model	Size	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	Stroke(m)	area mm <sup>2</sup>	Weight
HNBF050	M50X1.5	50.5	104	114	38	4	5	2900	2.7
									0.074497s

HN BF 055	M5 5X 2	55. 5	10 9	12 0	38	4	5	315 0	2.7 5
HN BF 060	M6 0X 2	60. 5	11 5	12 5	38	5	5	330 0	2.8 0
HN BF 065	M6 5X 2	65. 5	12 1	13 0	38	5	5	360 0	3.0 0
HN BF 070	M7 0X 2	70. 5	12 7	13 5	38	5	5	380 0	3.2 0
HN BF 075	M7 5X 2	75. 5	13 2	14 0	38	5	5	400 0	3.4 0
HN BF 080	M8 0X 2	80. 5	13 7	14 6	38	5	5	420 0	3.7 0
HN BF 085	M8 5X 2	85. 5	14 2	15 0	38	5	5	440 0	3.7 5
HN BF 090	M9 0X 2	90. 5	14 7	15 6	38	5	5	470 0	4.0 0
HN BF 095	M9 5X 2	95. 5	15 3	16 2	38	5	5	490 0	4.3 0
HN BF 100	M1 00 X2	10 0.5	15 8	16 6	38	6	5	510 0	4.4 0
HN BF 105	M1 05 X2	10 5.5	16 3	17 2	38	6	5	530 0	4.6 5
HN BF 110	M1 10 X2	11 0.5	16 9	17 8	38	6	5	560 0	4.9 5
HN BF 115	M1 15 X2	11 5.5	17 4	18 2	38	6	5	580 0	5.0 0
HN BF 120	M1 20 X2	12 0.5	17 9	18 8	38	6	5	600 0	5.2 5
HN BF 125	M1 25 X2	12 5.5	18 4	19 2	38	6	5	620 0	5.3 5
HN BF 130	M1 30 X2	13 0.5	19 0	19 8	38	6	5	640 0	5.6 5
HN BF 135	M1 35 X2	13 5.5	19 5	20 4	38	6	5	660 0	5.9 0

Technical  
data:



HN BF 140	M1 40 X2	14 0.5	20 0	20 8	38	7	5	680 0	6.0 0
HN BF 145	M1 45 X2	14 5.5	20 6	21 4	39	7	5	730 0	6.5 0
HN BF 150	M1 50 X2	15 0.5	21 1	22 0	39	7	5	750 0	6.6 0
HN BF 155	M1 55 X3	15 5.5	21 8	22 6	39	7	5	810 0	6.9 5
HN BF 160	M1 60 X3	16 0.5	22 4	23 2	40	7	6	860 0	7.6 0
HN BF 165	M1 65 X3	16 5.5	22 9	23 8	40	7	6	890 0	7.9 0
HN BF 170	M1 70 X3	17 0.5	23 5	24 4	41	7	6	940 0	8.4 0
HN BF 180	M1 80 X3	18 0.5	24 7	25 6	41	7	6	103 0	9.1 5
HN BF 190	M1 90 X3	19 1	25 9	27 0	42	8	7	115 0	10. 5
HN BF 200	M2 00 X3	20 1	27 1	28 2	43	8	8	125 0	11. 5
HN BF 205	Tr2 05 X4	20 7	27 6	28 8	43	8	8	128 0	12. 0