

# 1-PIECE FLANGED BALL VALVE – With ISO 5211 Mounting Pad

NH1FG150-HL – ANSI 150LB

NH1FPN16-HL – DIN PN16

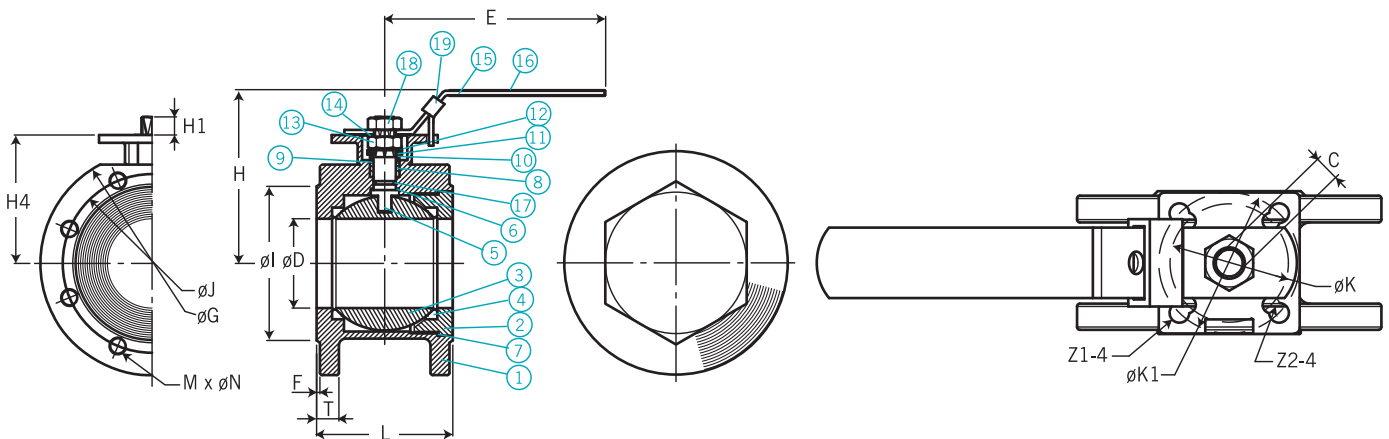
NH1FPN40-HL – DIN PN40



## Technical Data

- ISO 5211 Direct Mounting Pad
  - Full Port
  - Investment Casting
  - Fire Safe Design
  - Design: ASME B16.34
  - Valves Inspected & Tested according to API 598 Standard
- Material: ANSI 150LB– ASTM-A351-CF8M, ASTM-A351-CF8, ASTM-A351-CF3M, ASTM-A216-WCB  
 DIN PN16 & PN40– EN10213-1.4408, EN10213-1.4308, EN10213-1.4409, EN10213-1.0619
- Working Pressure: ANSI Class 150 / DIN PN16 / DIN PN40  
 Flange Dimension: EN 1759-1 / EN1092-1  
 Face to Face Dimension: DIN3202 / F1 Type  
 Size Ranging: ANSI Class 150 & PN16: ½”~4” (DN15~DN100); PN40: ½”~1½” (DN15~DN40)  
 With Locking Device

## Dimensions



### Dimension Data

SIZE	D	L	E	H	H1			H4	C	øG			øJ			øI			T			
					ANSI 150	DIN PN16	DIN PN40			ANSI 150	DIN PN16	DIN PN40	ANSI 150	DIN PN16	DIN PN40	ANSI 150	DIN PN16	DIN PN40	ANSI 150	DIN PN16	DIN PN40	
					DN15	1/2"	15			42	135	84.5	9	7	7	50.5	9	89	95	95	60.5	65
DN20	3/4"	20	44	135	91	9	7	7	57	9	98	105	105	70	75	75	58	58	58	/	/	/
DN25	1"	25	51	150	96	9	9	9	62	9	108	115	115	79.5	85	85	51	68	68	11.2	18	18
DN32	1¼"	32	56	150	105.5	9	9	9	71.5	9	117	140	140	89	100	100	64	78	78	12.7	18	18
DN40	1½"	38	65	200	120	11	11	11	86	11	127	150	150	98.5	110	110	73	88	88	14.3	18	18
DN50	2"	50	80	200	127	11	11	/	93	11	152	165	/	120.5	125	/	92	102	/	15.9	20	/
DN65	2½"	65	102	248.5	140	14	14	/	105	14	178	185	/	139.5	145	/	105	122	/	17.5	18	/
DN80	3"	80	122	265.5	150	14	14	/	115	14	190	200	/	152.5	160	/	127	138	/	19	20	/
DN100	4"	100	153	335	167	17	17	/	132	17	229	220	/	190.5	180	/	157	158	/	23.8	20	/

SIZE	F			M x øN	øK	øK1	Z1-4	Z2-4
	ANSI 150	DIN PN16	DIN PN40					
DN15	1/2"	/	/	4x1/2"-13UNC	F04	F03	6	6
DN20	3/4"	/	/	4x1/2"-13UNC	F04	F03	6	6
DN25	1"	1.6	2	4x1/2"-13UNC	F05	F04	7	6
DN32	1¼"	1.6	2	4x1/2"-13UNC	F05	F04	7	6
DN40	1½"	1.6	3	4x1/2"-13UNC	F07	F05	9	7
DN50	2"	1.6	3	4x5/8"-11UNC	F07	F05	9	7
DN65	2½"	1.6	3	4x5/8"-11UNC	F10	F07	11	9
DN80	3"	1.6	3	4x5/8"-11UNC	F10	F07	11	9
DN100	4"	1.6	3	8x5/8"-11UNC	F12	F10	13	11

**NOTE.**  
 1. The data of T and F is unavailable for the size ½” and ¾”.  
 2. DIN PN40 is only for the size ½” to 1½”.

