

# HOKE® Monoflange Valves

Primary Isolation Valves



**CIRCOR**  
ENERGY

HOKE®

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## HOKE® - Monoflange Valves

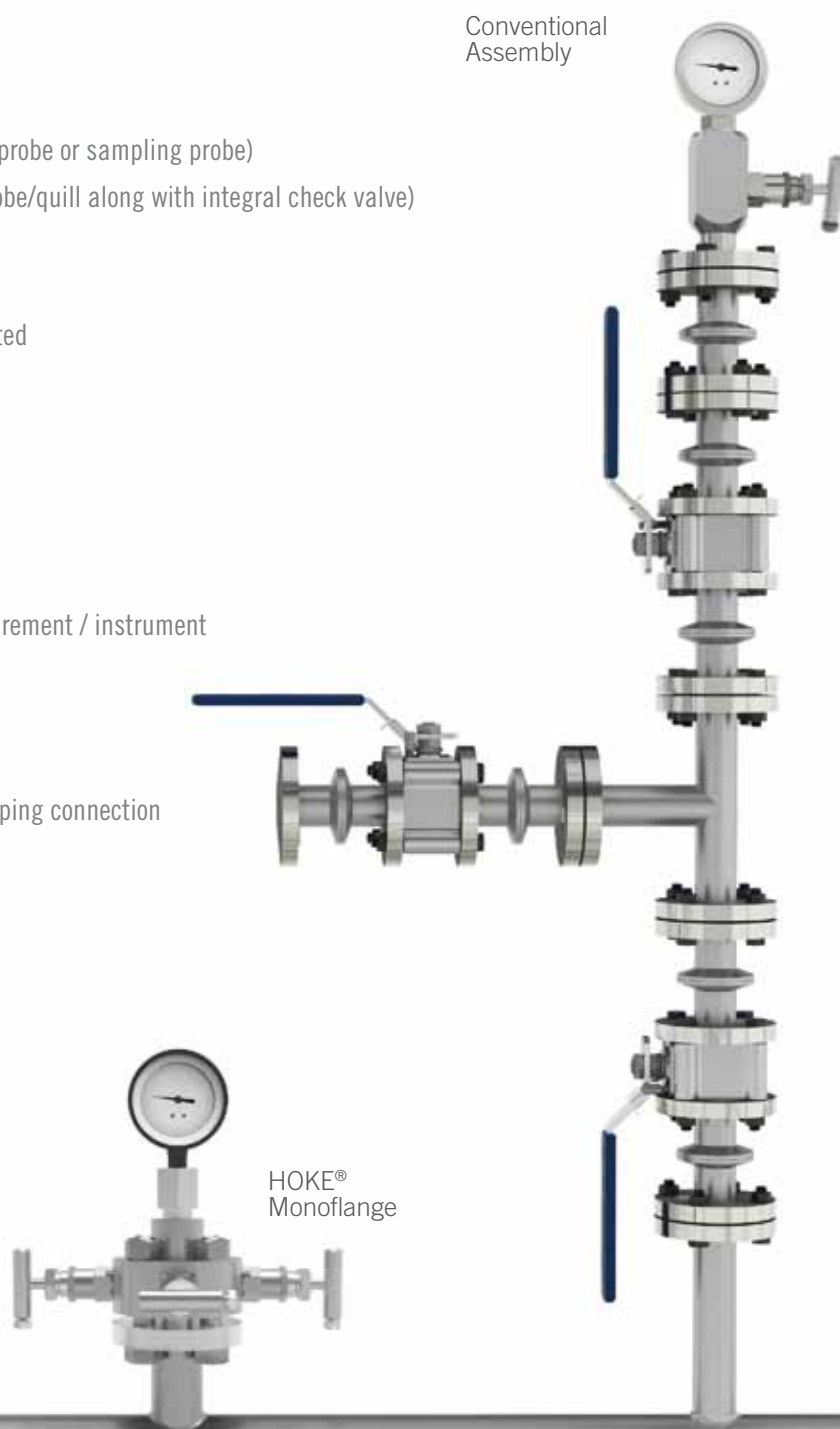
The HOKE® Monoflange is designed for pressure instrument take-off points, sampling, injection, venting and purging applications. The Monoflange simplifies these applications by making them more compact, rigid, lighter, safer, and lower cost than the conventional piping valve assemblies.

### APPLICATIONS

- Primary Process Isolation Valve
- Pressure instrument take off points
- Sampling Systems (valve has an integral pipe probe or sampling probe)
- Chemical Injection Systems (valve has pipe probe/quill along with integral check valve)
- Flushing Connections
- Vent & Purge Applications
- Drains for tanks and pipes where space is limited
- Chemical Seal Applications

### FEATURES & BENEFITS

- Overall length reduced by  $\pm 70\%$
- Overall weight reduced by  $\pm 80\%$
- Brings pressure point closer to pressure measurement / instrument
- Reduced labor cost
- Reduced leak points
- Reduced need for support brackets
- Reduced bending moment/stress on primary piping connection



## Applications

Upstream Offshore/Onshore Gas and Oil production and initial processing installations. Typically used on gauge pressure instrument applications to minimize the size and weight of the pipe-valve assemblies used for primary and/or secondary isolation, vent and calibration.

- Pressure Measuring Points
- Sample Connections
- Analytical Connections

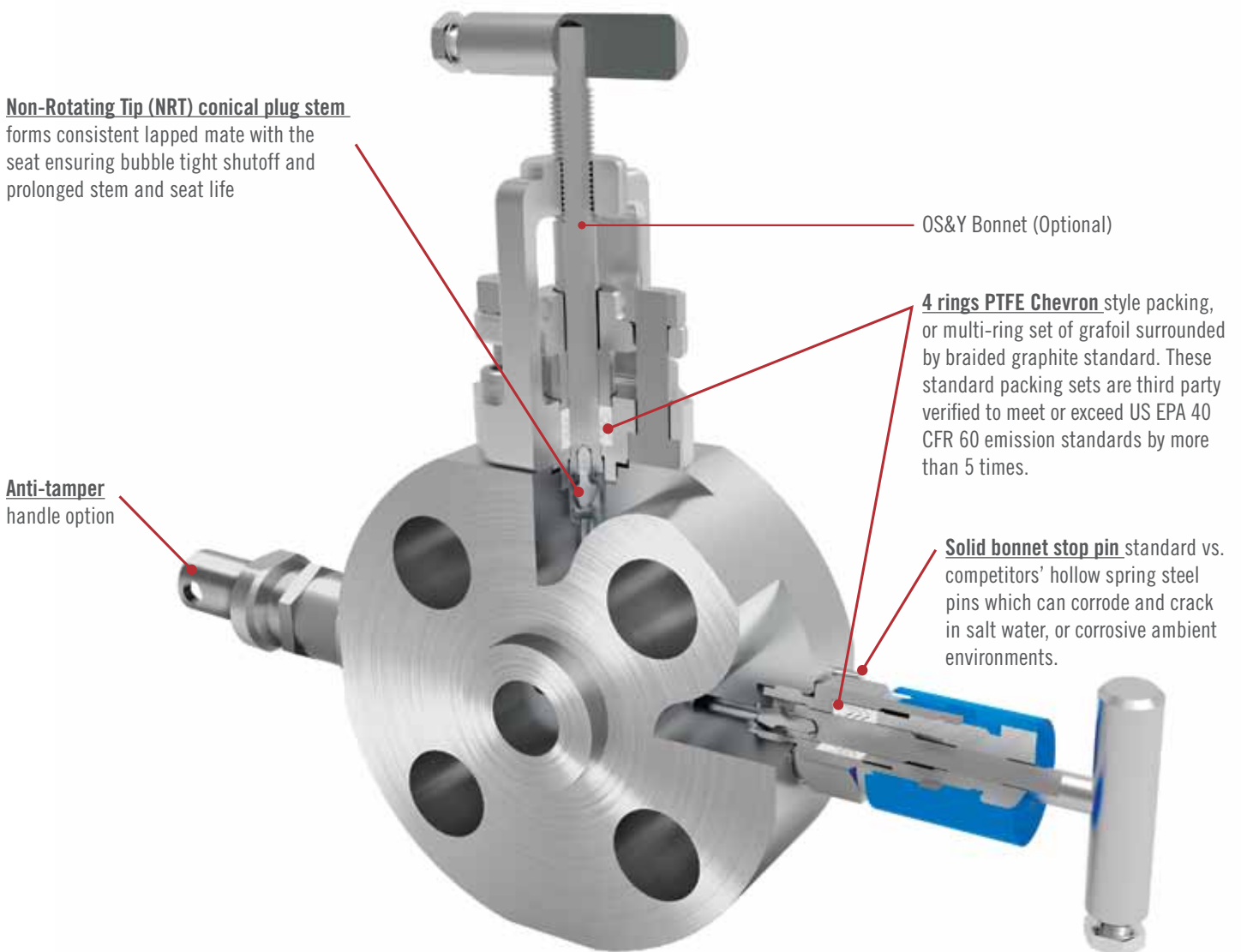
## Features and Benefits

- One piece body means compact design with less leak points.
- Large variety of standard and optional materials and outlet options, mean you can select the style you need right from the catalog.
- HOKE® utilizes Non-Rotating Stem Tip (NRT) technology. When the stem tip contacts the seat, it stops rotating, preventing the cross scoring and eventual leaks that can occur with ball type stems.
- Standard Materials: A479 Type 316L and NACE, A105 Carbon Steel HASTELLOY® C276, MONEL®, INCOLOY® alloy 825, INCONEL® alloy 625, Duplex A182, Titanium.
- 0.187" (4,75 mm) standard orifice design means lower probability of plugging than competitive smaller port designs.
- Long life / Low leakage - Four rings PTFE Chevron style packing, or multi-ring set of grafoil surrounded by braided graphite standard. These standard packing sets are third party verified to exceed US EPA 40 CFR 60 emission standards by more than 5 times. Less probability of leaks mean less risk.
- High quality metal to metal shutoff meets ANSI Class VI criteria pressure Equipment Directive.
- Due to internal bore size and internal volumes up to and including 1"-inch/25mm, products offered in this catalog comply with S.E.P (Sound Engineering Practice) article 3, paragraph 3 of the Pressure Equipment Directive P.E.D. 97/23/EC and therefore CE marking is not applicable.

Quick Spec	
Product Scope	
Working Pressure	In accordance with ASME B16.5 for class 150 to 2500 (API 6A for 10K pressure class available)
Working Temperatures	450°F (232°C) for PTFE packing, 1000°F (528°C) for Graphite packing
Approvals	
API 607 5th Edition (fire test certified)	
ASME VIII (pressure boundaries)	
PED (Sound Engineering Practice)	
ASME B16.34 (bolting dimensions)	
EN 10204.3.1 (material traceability)	



## Monoflange Valve Features & Benefits



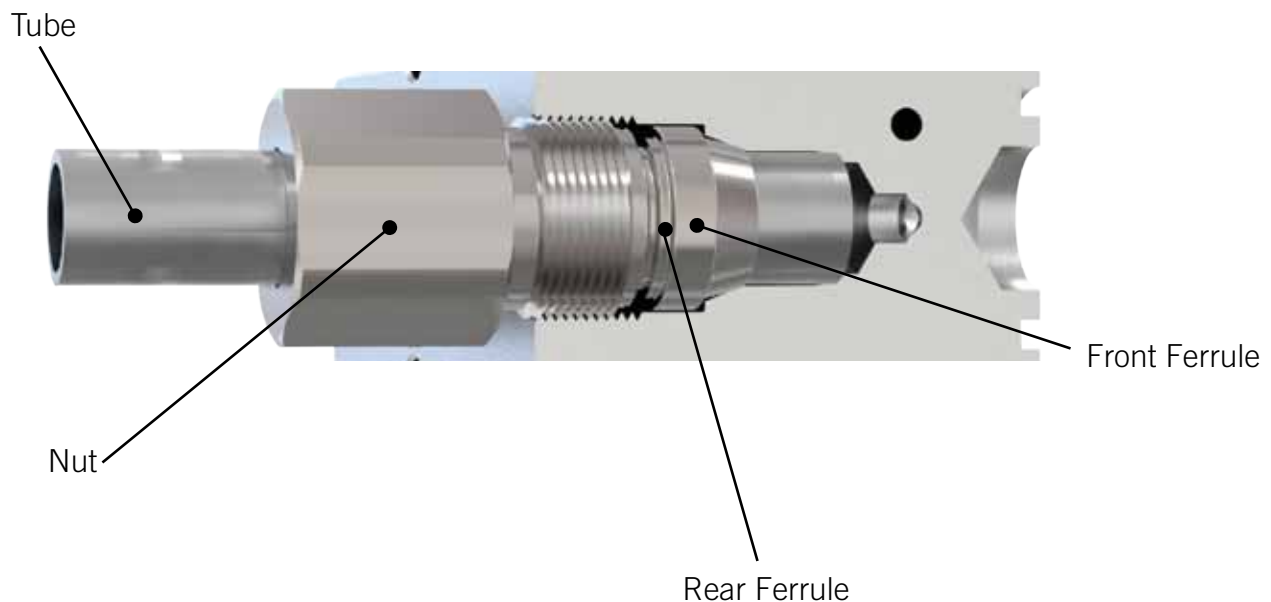
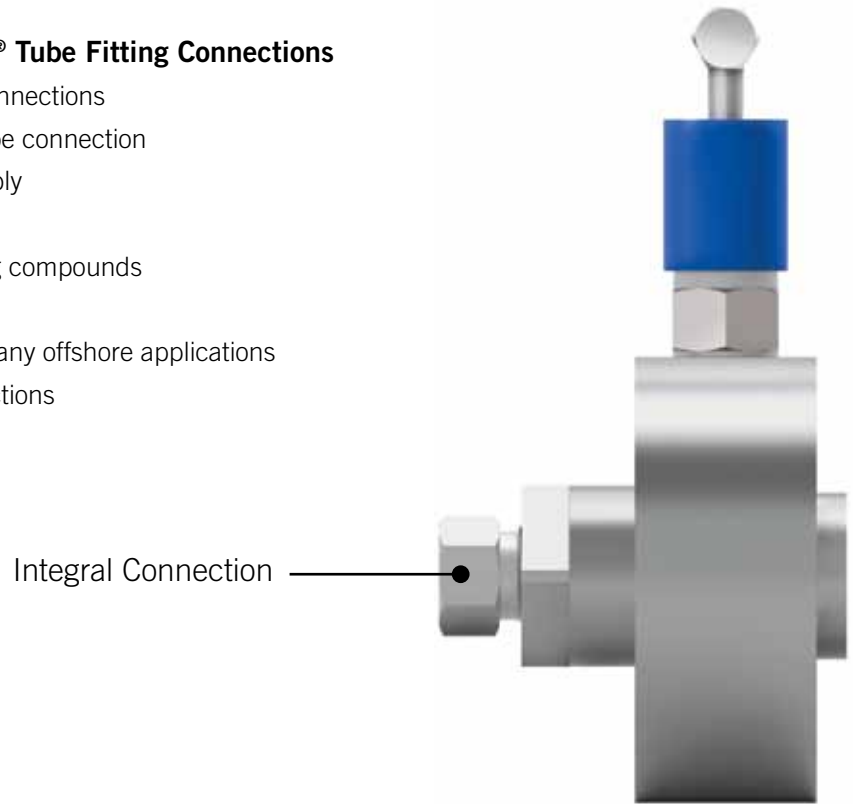
- Standard materials of construction: SST, A479 316; SST A479 316 NACE; SA479 316L, SA479 316L NACE; Carbon Steel A105; Carbon Steel, A105 NACE; Low Temp CS A350 LF2; HASTELLOY® C; INCOLOY® alloy 825; INCONEL® alloy 625; MONEL®; Duplex; Super Duplex, Titanium (Gr 2); Super Duplex A182F55;
- Screwed bonnet and OS&Y bonnets available
- Raised face (RF) and Ring Type Joint (RTJ) flange styles standard (API Flanges are available upon request)

### HOKE® Integral / GYROLOK® Tube Fitting Connections

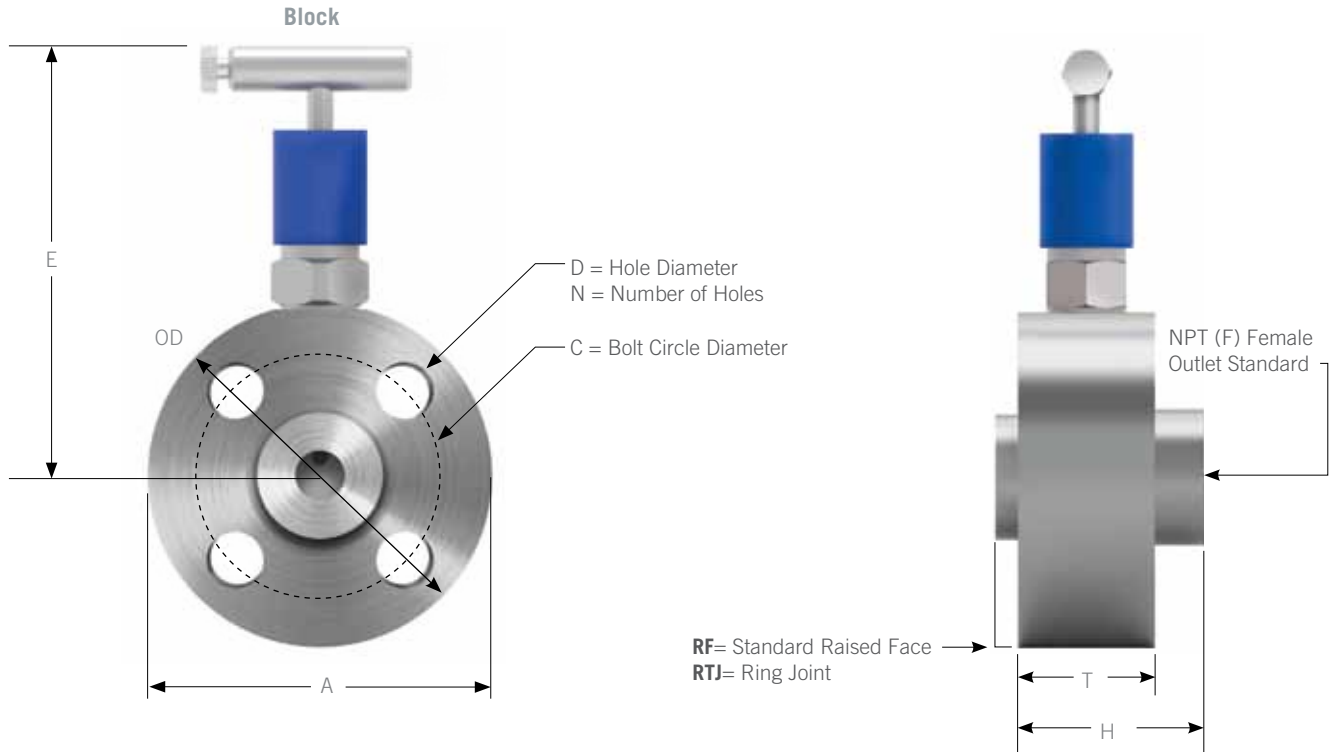
The HOKE® range of standard monoflanges are available with the option of the integral / GYROLOK® tube fitting connections. The integral / GYROLOK® tube fitting connection is machined directly into the body of the valve or manifold, allowing tubing to be directly connected without the use of traditional threaded (NPT, BSP) connections. The integral / GYROLOK® connection provides a safer connection system for high pressure, severe, steam or sour gas service where leakage has dangerous consequences.

### An Explanation of Integral GYROLOK® Tube Fitting Connections

- Eliminates traditional threaded tubing connections
- Provides a safer and more consistent tube connection
- Saves assembly time during field assembly
- Reduces potential leak paths
- No need for sealing tape or liquid sealing compounds
- Fully field maintainable
- Successfully used for over 20 years in many offshore applications
- Available in 1/2" and 10mm tube connections



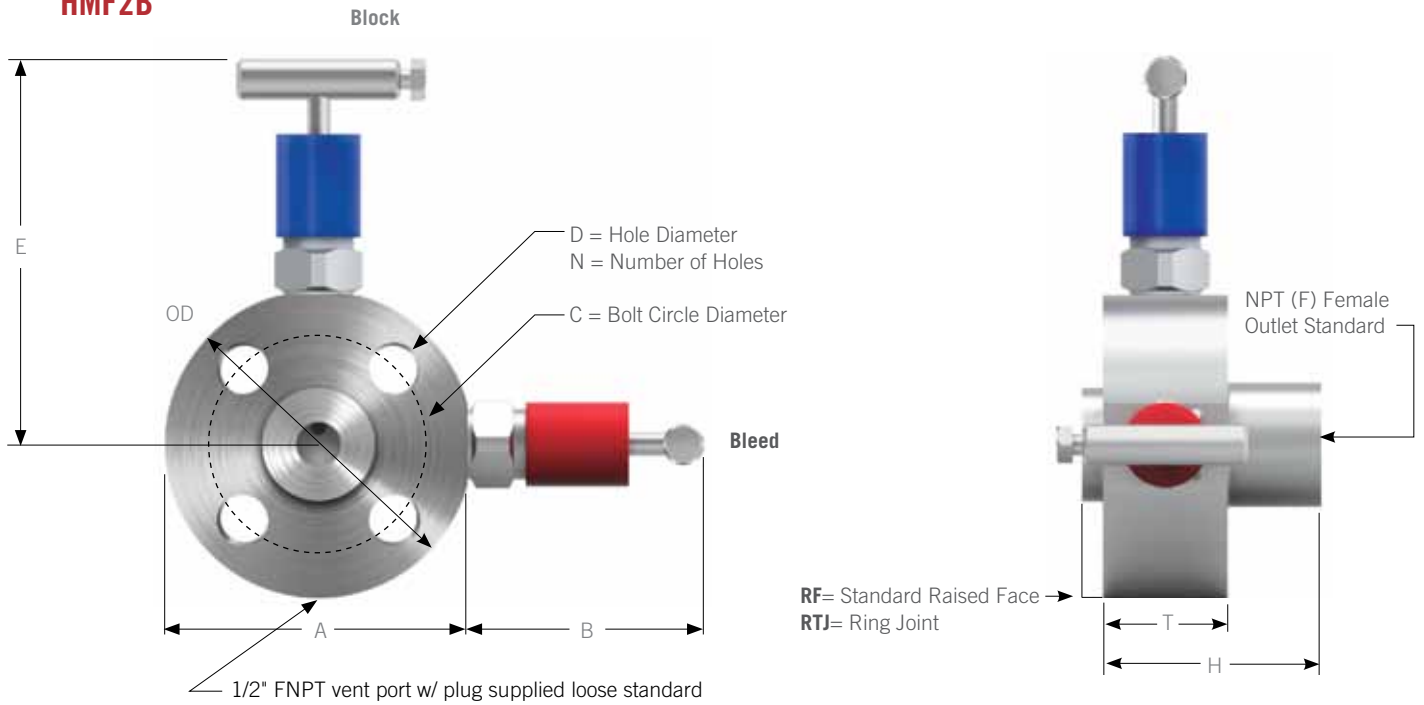
**HMF1B**



**Standard Screwed Bonnet Dimensions (inches)**

Size	Class	RF	RTJ	A	E	D	C	N	T	H	OD
1/2"	150	0.06	N/A	3.40	4.50	5/8	2.38	4	1.50	2.44	3.50
	300	0.06	0.219	3.65	4.63	5/8	2.62	4	1.50	2.63	3.75
	600	0.25	0.219	3.65	4.63	5/8	2.62	4	1.50	2.63	3.75
	900/1500	0.25	0.250	4.65	5.13	7/8	3.25	4	1.50	2.63	4.75
	2500	0.25	0.250	5.15	5.38	7/8	3.50	4	1.50	2.63	5.25
3/4"	150	0.06	N/A	3.78	4.75	5/8	2.75	4	1.50	2.63	3.88
	300	0.06	0.250	4.52	5.06	3/4	3.25	4	1.50	2.63	4.62
	600	0.25	0.250	4.52	5.06	3/4	3.25	4	1.50	2.63	4.62
	900/1500	0.25	0.250	5.02	5.31	7/8	3.50	4	1.50	2.63	5.12
	2500	0.25	0.250	5.40	5.50	7/8	3.75	4	1.50	2.63	5.50
1"	150	0.06	0.250	4.15	4.88	5/8	3.12	4	1.50	2.63	4.25
	300	0.06	0.250	4.78	5.19	3/4	3.50	4	1.50	2.63	4.88
	600	0.25	0.250	4.78	5.19	3/4	3.50	4	1.50	2.63	4.88
	900/1500	0.25	0.250	5.78	5.88	1	3.50	4	1.50	2.63	5.88
	2500	0.25	0.250	6.15	5.88	1	4.25	4	1.50	2.63	6.25
1-1/2"	150	0.06	0.250	4.90	5.25	5/8	3.88	4	1.50	2.63	5.00
	300	0.06	0.250	6.02	5.88	7/8	4.50	4	1.50	2.63	6.12
	600	0.25	0.250	6.02	5.88	7/8	4.50	4	1.50	2.63	6.12
	900/1500	0.25	0.250	6.90	6.25	1-1/8	4.88	4	1.50	2.63	7.00
	2500	0.25	0.312	7.90	6.75	1-1/4	5.75	4	1.75	2.63	8.00
2"	150	0.06	0.250	5.90	5.75	3/4	4.75	4	1.50	2.63	6.00
	300	0.06	0.312	6.40	6.00	3/4	5.00	8	1.50	2.63	6.50
	600	0.25	0.312	6.40	6.00	3/4	5.00	8	1.50	2.63	6.50
	900/1500	0.25	0.312	8.40	7.00	1	6.50	8	1.50	2.63	8.50
	2500	0.25	0.312	9.15	7.38	1-1/8	6.75	8	2.00	3.13	9.25

**HMF2B**

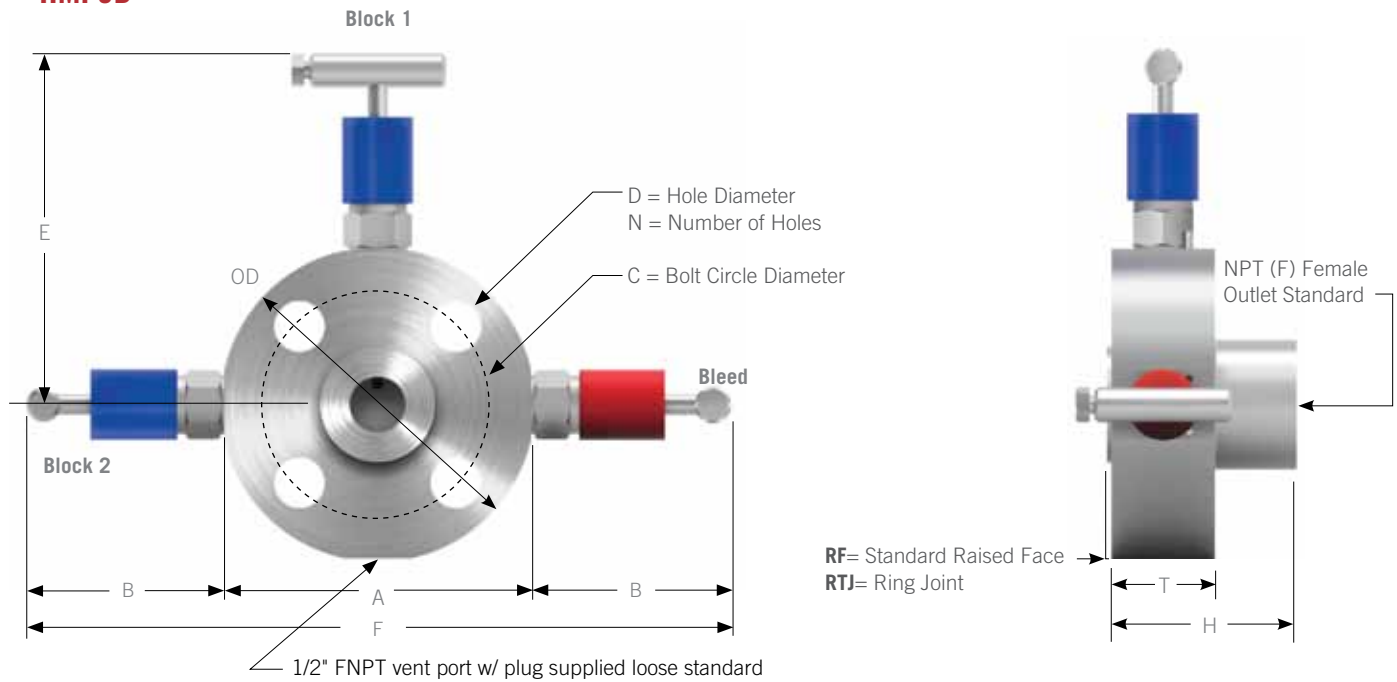


**Standard Screwed Bonnet Dimensions (inches)**

Size	Class	RF	RTJ	A	B*	E	D	C	N	T	H	OD
1/2"	150	0.06	N/A	3.40	2.94	4.50	5/8	2.38	4	1.50	2.44	3.50
	300	0.06	0.219	3.65	2.94	4.63	5/8	2.62	4	1.50	2.63	3.75
	600	0.25	0.219	3.65	2.94	4.63	5/8	2.62	4	1.50	2.63	3.75
	900/1500	0.25	0.250	4.65	2.94	5.13	7/8	3.25	4	1.50	2.63	4.75
	2500	0.25	0.250	5.15	2.94	5.38	7/8	3.50	4	1.50	2.63	5.25
3/4"	150	0.06	N/A	3.78	2.94	4.75	5/8	2.75	4	1.50	2.63	3.88
	300	0.06	0.250	4.52	2.94	5.06	3/4	3.25	4	1.50	2.63	4.62
	600	0.25	0.250	4.52	2.94	5.06	3/4	3.25	4	1.50	2.63	4.62
	900/1500	0.25	0.250	5.02	2.94	5.31	7/8	3.50	4	1.50	2.63	5.12
	2500	0.25	0.250	5.40	2.94	5.50	7/8	3.75	4	1.50	2.63	5.50
1"	150	0.06	0.250	4.15	2.94	4.88	5/8	3.12	4	1.50	2.63	4.25
	300	0.06	0.250	4.78	2.94	5.19	3/4	3.50	4	1.50	2.63	4.88
	600	0.25	0.250	4.78	2.94	5.19	3/4	3.50	4	1.50	2.63	4.88
	900/1500	0.25	0.250	5.78	2.94	5.88	1	4.00	4	1.50	2.63	5.88
	2500	0.25	0.250	6.15	2.94	5.88	1	4.25	4	1.50	2.63	6.25
1-1/2"	150	0.06	0.250	4.90	2.94	5.25	5/8	3.88	4	1.50	2.63	5.00
	300	0.06	0.250	6.02	2.94	5.88	7/8	4.50	4	1.50	2.63	6.12
	600	0.25	0.250	6.02	2.94	5.88	7/8	4.50	4	1.50	2.63	6.12
	900/1500	0.25	0.250	6.90	2.94	6.25	1-1/8	4.88	4	1.50	2.63	7.00
	2500	0.25	0.312	7.90	2.94	6.75	1-1/4	5.75	4	1.50	2.63	8.00
2"	150	0.06	0.250	5.90	2.94	5.75	3/4	4.75	4	1.50	2.63	6.00
	300	0.06	0.312	6.40	2.94	6.00	3/4	5.00	8	1.50	2.63	6.50
	600	0.25	0.312	6.40	2.94	6.00	3/4	5.00	8	1.50	2.63	6.50
	900/1500	0.25	0.312	8.40	2.94	7.00	1	6.50	8	1.50	2.63	8.50
	2500	0.25	0.312	9.15	2.94	7.38	1-1/8	6.75	8	2.00	3.13	9.25



**HMF3B**

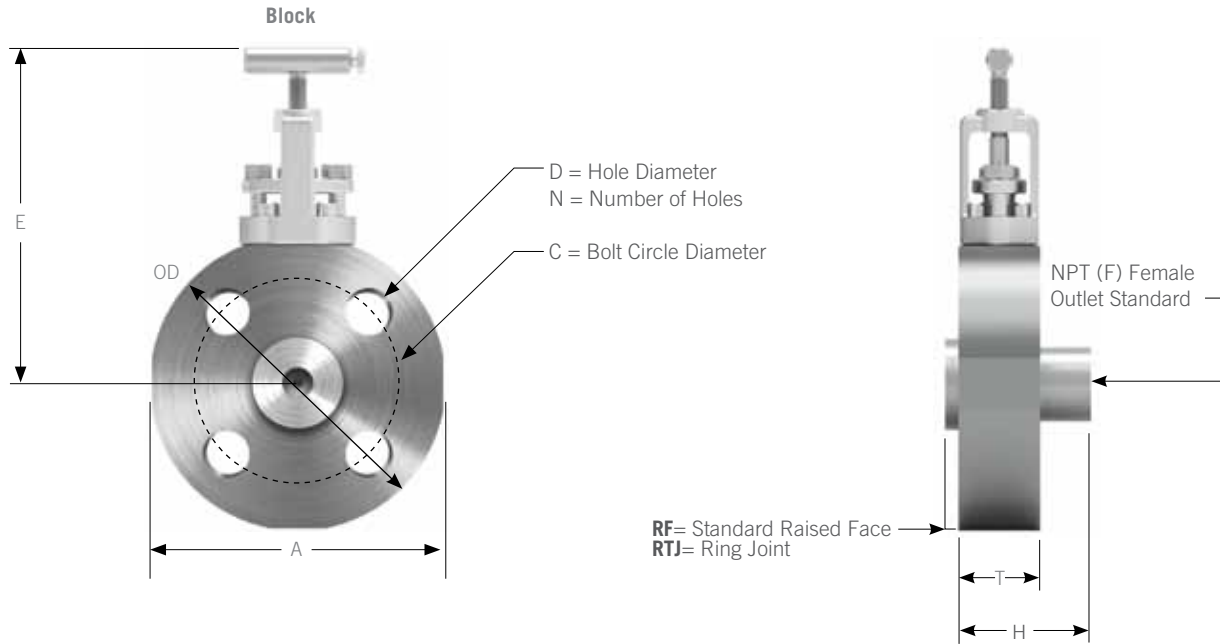


**Standard Screwed Bonnet Dimensions (inches)**

Size	Class	RF	RTJ	A	B*	E	F	D	C	N	T	H	OD
1/2"	150	0.06	N/A	3.40	2.94	4.50	9.28	5/8	2.38	4	1.50	2.44	3.50
	300	0.06	0.219	3.65	2.94	4.63	9.53	5/8	2.62	4	1.50	2.63	3.75
	600	0.25	0.219	3.65	2.94	4.63	9.53	5/8	2.62	4	1.50	2.63	3.75
	900/1500	0.25	0.250	4.65	2.94	5.13	10.53	7/8	3.25	4	1.50	2.63	4.75
	2500	0.25	0.250	5.15	2.94	5.38	11.03	7/8	3.50	4	1.50	2.63	5.25
3/4"	150	0.06	N/A	3.78	2.94	4.75	9.66	5/8	2.75	4	1.50	2.63	3.88
	300	0.06	0.250	4.52	2.94	5.06	10.40	3/4	3.25	4	1.50	2.63	4.62
	600	0.25	0.250	4.52	2.94	5.06	10.40	3/4	3.25	4	1.50	2.63	4.62
	900/1500	0.25	0.250	5.02	2.94	5.31	10.90	7/8	3.50	4	1.50	2.63	5.12
	2500	0.25	0.250	5.40	2.94	5.50	11.28	7/8	3.75	4	1.50	2.63	5.50
1"	150	0.06	0.250	4.15	2.94	4.88	10.03	5/8	3.12	4	1.50	2.63	4.25
	300	0.06	0.250	4.78	2.94	5.19	10.66	3/4	3.50	4	1.50	2.63	4.88
	600	0.25	0.250	4.78	2.94	5.19	10.66	3/4	3.50	4	1.50	2.63	4.88
	900/1500	0.25	0.250	5.78	2.94	5.88	11.66	1	4.00	4	1.50	2.63	5.88
	2500	0.25	0.250	6.15	2.94	5.88	12.03	1	4.25	4	1.50	2.63	6.25
1-1/2"	150	0.06	0.250	4.90	2.94	5.25	10.78	5/8	3.88	4	1.50	2.63	5.00
	300	0.06	0.250	6.02	2.94	5.88	11.90	7/8	4.50	4	1.50	2.63	6.12
	600	0.25	0.250	6.02	2.94	5.88	11.90	7/8	4.50	4	1.50	2.63	6.12
	900/1500	0.25	0.250	6.90	2.94	6.25	12.78	1-1/8	4.88	4	1.50	2.63	7.00
	2500	0.25	0.312	7.90	2.94	6.75	13.78	1-1/4	5.75	4	1.50	2.63	8.00
2"	150	0.06	0.250	5.90	2.94	5.75	11.28	3/4	4.75	4	1.50	2.63	6.00
	300	0.06	0.312	6.40	2.94	6.00	12.28	3/4	5.00	8	1.50	2.63	6.50
	600	0.25	0.312	6.40	2.94	6.00	12.28	3/4	5.00	8	1.50	2.63	6.50
	900/1500	0.25	0.312	8.40	2.94	7.00	14.28	1	6.50	8	1.50	2.63	8.50
	2500	0.25	0.312	9.15	2.94	7.38	15.03	1-1/8	6.75	8	2.00	3.13	9.25

\*When fully open.

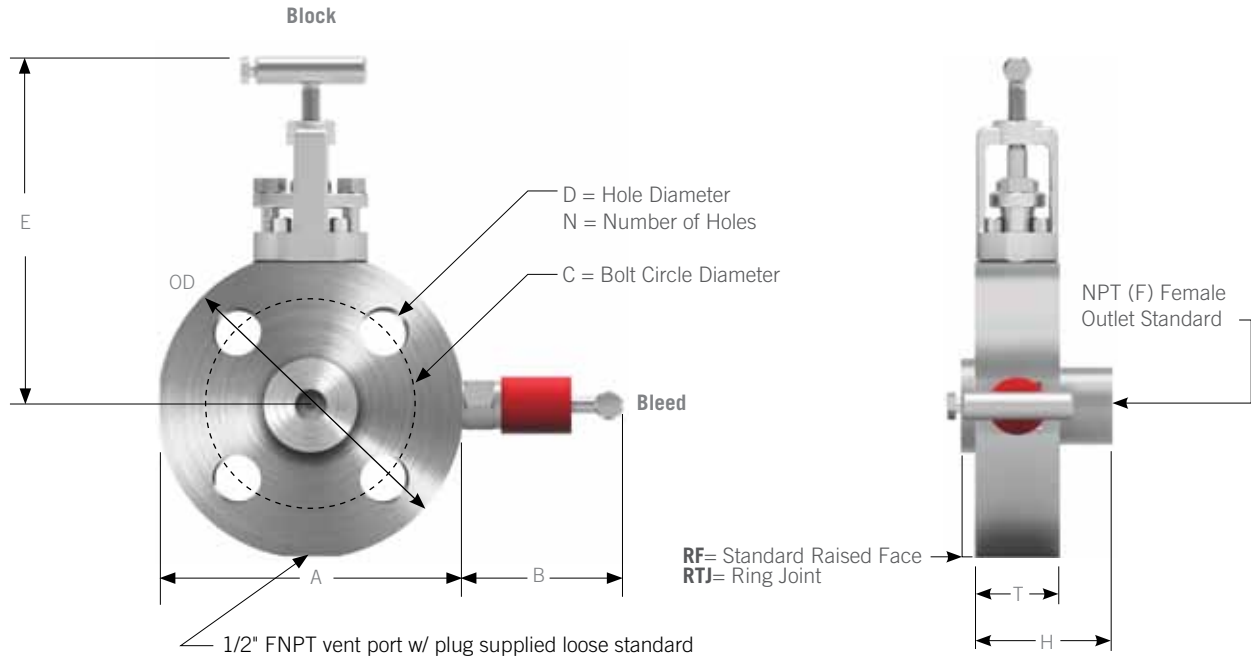
**HMF1A**



**OS&Y Bonnet Dimensions (inches)**

Size	Class	RF	RTJ	A	E	D	C	N	T	H	OD
1/2"	150	0.06	N/A	3.40	5.50	5/8	2.38	4	1.50	2.44	3.50
	300	0.06	0.219	3.65	5.63	5/8	2.62	4	1.50	2.63	3.75
	600	0.25	0.219	3.65	5.63	5/8	2.62	4	1.50	2.63	3.75
	900/1500	0.25	0.250	4.65	6.13	7/8	3.25	4	1.50	2.63	4.75
	2500	0.25	0.250	5.15	6.38	7/8	3.50	4	1.50	2.63	5.25
3/4"	150	0.06	N/A	3.78	5.75	5/8	2.75	4	1.50	2.63	3.88
	300	0.06	0.250	4.52	6.06	3/4	3.25	4	1.50	2.63	4.62
	600	0.25	0.250	4.52	6.06	3/4	3.25	4	1.50	2.63	4.62
	900/1500	0.25	0.250	5.02	6.31	7/8	3.50	4	1.50	2.63	5.12
	2500	0.25	0.250	5.40	6.50	7/8	3.75	4	1.50	2.63	5.50
1"	150	0.06	0.250	4.15	5.88	5/8	3.12	4	1.50	2.63	4.25
	300	0.06	0.250	4.78	6.19	3/4	3.50	4	1.50	2.63	4.88
	600	0.25	0.250	4.78	6.19	3/4	3.50	4	1.50	2.63	4.88
	900/1500	0.25	0.250	5.78	6.88	1	4.00	4	1.50	2.63	5.88
	2500	0.25	0.250	6.15	6.88	1	4.25	4	1.50	2.63	6.25
1-1/2"	150	0.06	0.250	4.90	6.25	5/8	3.88	4	1.50	2.63	5.00
	300	0.06	0.250	6.02	6.88	7/8	4.50	4	1.50	2.63	6.12
	600	0.25	0.250	6.02	6.88	7/8	4.50	4	1.50	2.63	6.12
	900/1500	0.25	0.250	6.90	7.25	1-1/8	4.88	4	1.50	2.63	7.00
	2500	0.25	0.312	7.90	7.25	1-1/4	5.75	4	1.50	2.69	8.00
2"	150	0.06	0.250	5.90	6.75	3/4	4.75	4	1.50	2.63	6.00
	300	0.06	0.312	6.40	7.00	3/4	5.00	8	1.50	2.63	6.50
	600	0.25	0.312	6.40	7.00	3/4	5.00	8	1.50	2.63	6.50
	900/1500	0.25	0.312	8.40	8.00	1	6.50	8	1.50	2.63	8.50
	2500	0.25	0.312	9.15	8.38	1-1/8	6.75	8	2.00	3.13	9.25

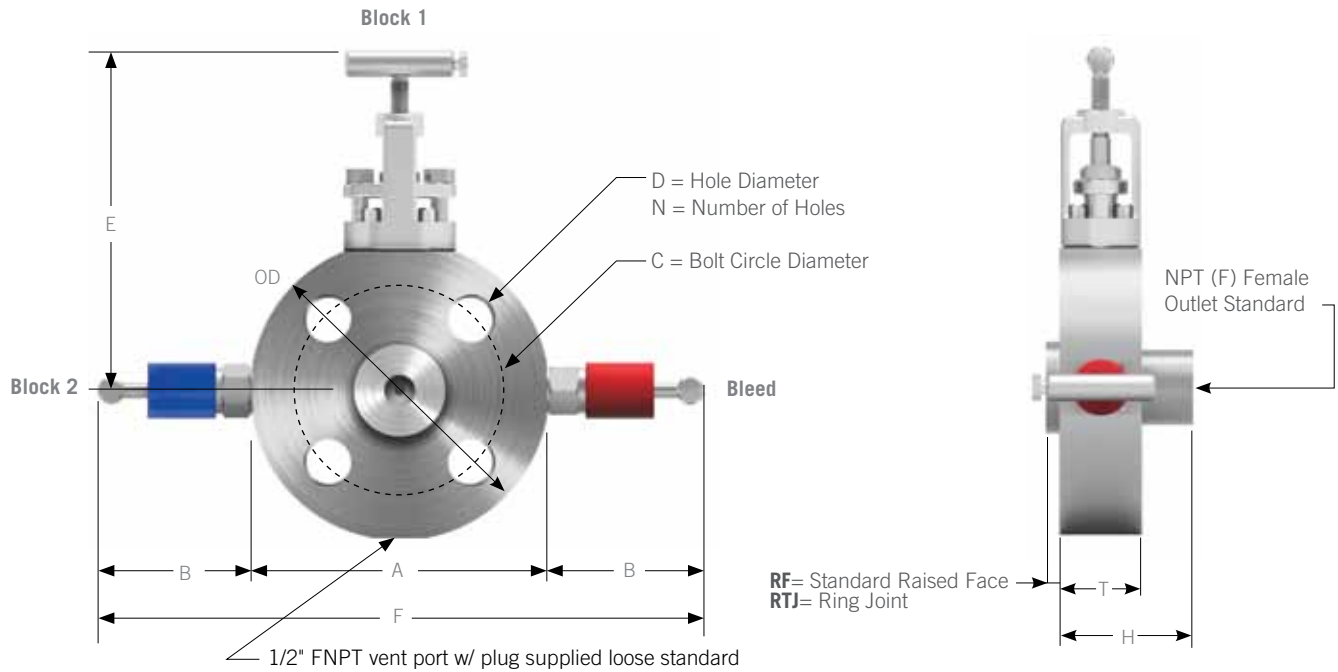
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OS&Y Bonnet Dimensions (inches)												
Size	Class	RF	RTJ	A	B*	E	D	C	N	T	H	OD
1/2"	150	0.06	N/A	3.40	2.94	5.50	5/8	2.38	4	1.50	2.44	3.50
	300	0.06	0.219	3.65	2.94	5.63	5/8	2.62	4	1.50	2.63	3.75
	600	0.25	0.219	3.65	2.94	5.63	5/8	2.62	4	1.50	2.63	3.75
	900/1500	0.25	0.250	4.65	2.94	6.13	7/8	3.25	4	1.50	2.63	4.75
	2500	0.25	0.250	5.15	2.94	6.38	7/8	3.50	4	1.50	2.63	5.25
3/4"	150	0.06	N/A	3.78	2.94	5.75	5/8	2.75	4	1.50	2.63	3.88
	300	0.06	0.250	4.52	2.94	6.06	3/4	3.25	4	1.50	2.63	4.62
	600	0.25	0.250	4.52	2.94	6.06	3/4	3.25	4	1.50	2.63	4.62
	900/1500	0.25	0.250	5.02	2.94	6.31	7/8	3.50	4	1.50	2.63	5.12
	2500	0.25	0.250	5.40	2.94	6.50	7/8	3.75	4	1.50	2.63	5.50
1"	150	0.06	0.250	4.15	2.94	5.88	5/8	3.12	4	1.50	2.63	4.25
	300	0.06	0.250	4.78	2.94	6.19	3/4	3.50	4	1.50	2.63	4.88
	600	0.25	0.250	4.78	2.94	6.19	3/4	3.50	4	1.50	2.63	4.88
	900/1500	0.25	0.250	5.78	2.94	6.88	1	4.00	4	1.50	2.63	5.88
	2500	0.25	0.250	6.15	2.94	6.88	1	4.25	4	1.50	2.63	6.25
1-1/2"	150	0.06	0.250	4.90	2.94	6.25	5/8	3.88	4	1.50	2.63	5.00
	300	0.06	0.250	6.02	2.94	6.88	7/8	4.50	4	1.50	2.63	6.12
	600	0.25	0.250	6.02	2.94	6.88	7/8	4.50	4	1.50	2.63	6.12
	900/1500	0.25	0.250	6.90	2.94	7.25	1-1/8	4.88	4	1.50	2.63	7.00
	2500	0.25	0.312	7.90	2.94	7.25	1-1/4	5.75	4	1.50	2.63	8.00
2"	150	0.06	0.250	5.90	2.94	6.75	3/4	4.75	4	1.50	2.63	6.00
	300	0.06	0.312	6.40	2.94	7.00	3/4	5.00	8	1.50	2.63	6.50
	600	0.25	0.312	6.40	2.94	7.00	3/4	5.00	8	1.50	2.63	6.50
	900/1500	0.25	0.312	8.40	2.94	8.00	1	6.50	8	1.50	2.63	8.50
	2500	0.25	0.312	9.15	2.94	8.38	1-1/8	6.75	8	2.00	3.13	9.25

\*When fully open.

**HMF3A**



OS&Y Bonnet Dimensions (inches)													
Size	Class	RF	RTJ	A	B*	E	F	D	C	N	T	H	OD
1/2"	150	0.06	N/A	3.40	2.94	5.50	9.28	5/8	2.38	4	1.50	2.44	3.50
	300	0.06	0.219	3.65	2.94	5.63	9.53	5/8	2.62	4	1.50	2.63	3.75
	600	0.25	0.219	3.65	2.94	5.63	9.53	5/8	2.62	4	1.50	2.63	3.75
	900/1500	0.25	0.250	4.65	2.94	6.13	10.53	7/8	3.25	4	1.50	2.63	4.75
	2500	0.25	0.250	5.15	2.94	6.38	11.03	7/8	3.50	4	1.50	2.63	5.25
3/4"	150	0.06	N/A	3.78	2.94	5.75	9.66	5/8	2.75	4	1.50	2.63	3.88
	300	0.06	0.250	4.52	2.94	6.06	10.40	3/4	3.25	4	1.50	2.63	4.62
	600	0.25	0.250	4.52	2.94	6.06	10.40	3/4	3.25	4	1.50	2.63	4.62
	900/1500	0.25	0.250	5.02	2.94	6.31	10.90	7/8	3.50	4	1.50	2.63	5.12
	2500	0.25	0.250	5.40	2.94	6.50	11.28	7/8	3.75	4	1.50	2.63	5.50
1"	150	0.06	0.250	4.15	2.94	5.88	10.03	5/8	3.12	4	1.50	2.63	4.25
	300	0.06	0.250	4.78	2.94	6.19	10.66	3/4	3.50	4	1.50	2.63	4.88
	600	0.25	0.250	4.78	2.94	6.19	10.66	3/4	3.50	4	1.50	2.63	4.88
	900/1500	0.25	0.250	5.78	2.94	6.88	11.66	1	4.00	4	1.50	2.63	5.88
	2500	0.25	0.250	6.15	2.94	6.88	12.03	1	4.25	4	1.50	2.63	6.25
1-1/2"	150	0.06	0.250	4.90	2.94	6.25	10.78	5/8	3.88	4	1.50	2.63	5.00
	300	0.06	0.250	6.02	2.94	6.88	11.90	7/8	4.50	4	1.50	2.63	6.12
	600	0.25	0.250	6.02	2.94	6.88	11.90	7/8	4.50	4	1.50	2.63	6.12
	900/1500	0.25	0.250	6.90	2.94	7.25	12.78	1-1/8	4.88	4	1.50	2.63	7.00
	2500	0.25	0.312	7.90	2.94	7.25	13.78	1-1/4	5.75	4	1.50	2.63	8.00
2"	150	0.06	0.250	5.90	2.94	6.75	11.28	3/4	4.75	4	1.50	2.63	6.00
	300	0.06	0.312	6.40	2.94	7.00	12.28	3/4	5.00	8	1.50	2.63	6.50
	600	0.25	0.312	6.40	2.94	7.00	12.28	3/4	5.00	8	1.50	2.63	6.50
	900/1500	0.25	0.312	8.40	2.94	8.00	14.28	1	6.50	8	1.50	2.63	8.50
	2500	0.25	0.312	9.15	2.94	8.38	15.03	1-1/8	6.75	8	2.00	3.13	9.25

\*When fully open.

## HOKE® Monoflange Ordering Information

### How To Order

Typical Ordering Part Number

**HMF 1 A 1 A 1 A YL 1 AB**

**STYLE**

- 1 = Single Block
- 2 = Block & Bleed
- 3 = Double Block & Bleed

**PRIMARY VALVE**

- A = OS & Y
- B = Needle

**PACKING**

- 1 = PTFE
- 2 = Graphite
- 3 = Firesafe
- 4 = Low Emission

**FLANGED INLET**

- A = 1/2" ANSI
- B = 3/4" ANSI
- C = 1" ANSI
- D = 1 1/2" ANSI
- E = 2" ANSI
- F = 1 13/16" API
- G = 2 1/16" API
- H = 2 9/16" API
- I = 3" ANSI

**INLET FACE**

- 1 = RF Smooth
- 2 = RTJ Ring Joint
- 3 = BX

**RATING**

- 1 = 150#
- 2 = 300#
- 3 = 600#
- 4 = 900#/1500#
- 5 = 2500#
- 6 = 2,000 API
- 7 = 3000 API
- 8 = 5000 API
- 9 = 10,000 API

**ALLOY**

- YL = 316/316L
- DX3 = Duplex 22% CR
- D50 = Super Duplex 25% CR
- 625 = INCONEL® alloy 625
- 825 = INCONEL® alloy 825
- 6MO = 254 SMO
- M = MONEL® alloy 400
- HC = H C276
- Ti = Ti
- Tb = Ti w/Anodize
- CS1 = A105N
- CS2 = A350 LF2

**OUTLET**

- B = 10mm Integral GYROLOK®
- C = 1/4" GYROLOK®
- D = 1/2" GYROLOK®
- F = 3/4" GYROLOK®
- G = 1/4" Female NPT
- H = 1/2" Female NPT
- I = 3/4" Female NPT
- J = 9/16" MP
- K = 1/2" Male NPT

**NOTE:** 1/2" FNPT vent port w/ plug supplied loose standard.

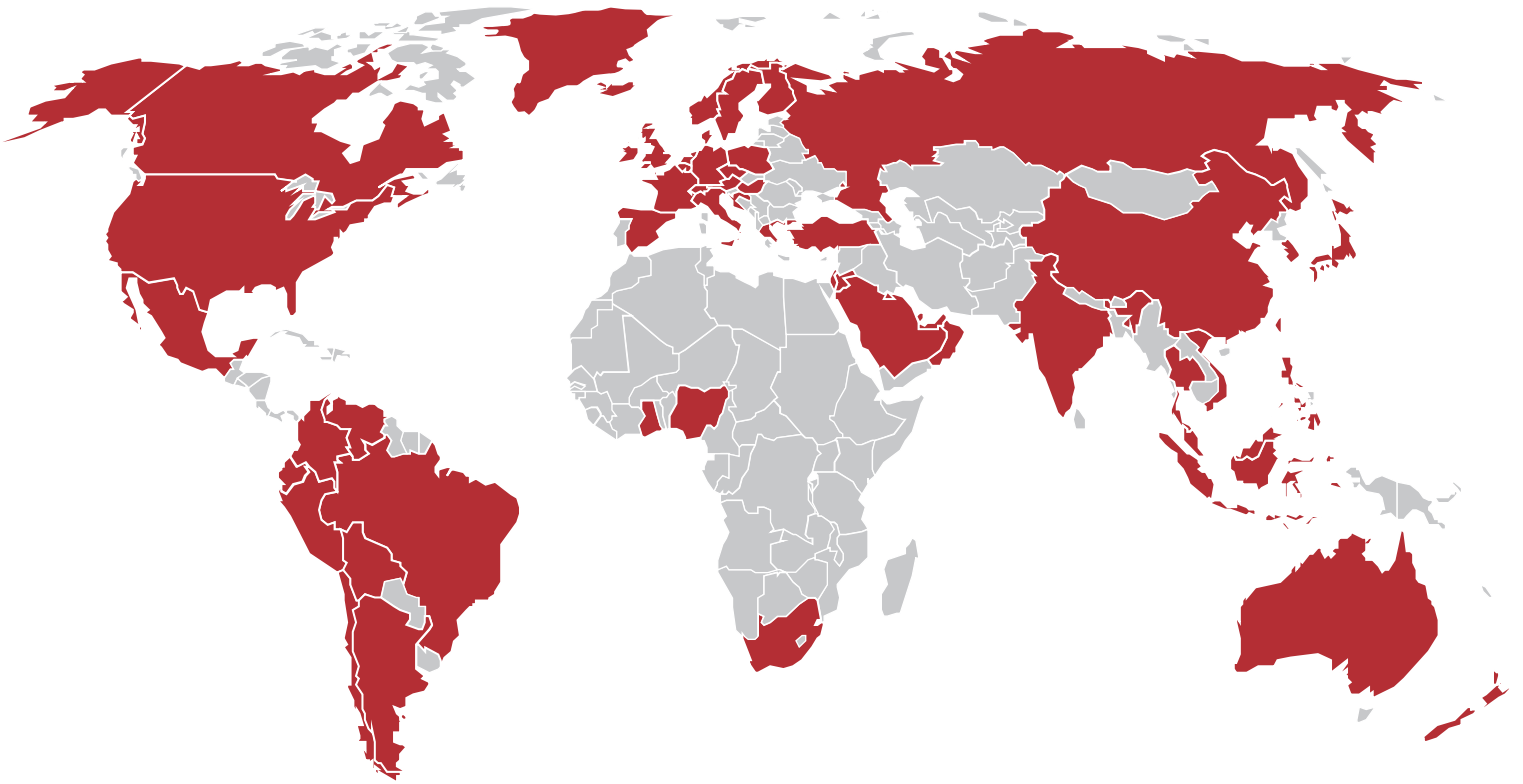
**Options**

- AB = Anti Tamper Vent\*
- AC = Lockable Vent\*
- AD = Anti Tamper Isolate\*
- AE = Lockable Isolate\*
- AH = BSPP Connections
- FS = Firesafe
- AO = NORSOK M-650 Material Required

\* Available only on needle bonnet







## Continuously Improving Flow Control. Worldwide.

The HOKE® Brand is just one product offering manufactured and supplied by CIRCOR Energy, an ISO 9001:2008 registered facility headquartered in Spartanburg, SC, USA, a division of CIRCOR International (NYSE:CIR).

### **HOKE® distributors are worldwide.**

Contact us or visit our website to locate the nearest distributor to assure your projects are consistently implemented across the globe with the greatest Safety, Integrity and Reliability.



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