Trifold Needle Valve Manifold

The Hoke 3–Valve Trifold manifold is designed for direct mounting to differential pressure transmitters having 2.125 inches (34 mm) center-to-center process connections.

Pipe by Flange

When direct coupling to orifice plate flanges is not desired, the pipe by flange Trifold Manifold allows for two ½" NPT process connections in addition to direct mounting of the transmitter.

Flange by Flange

When direct coupling to orifice plate flanges is required, the flange by flange Trifold Manifold mounts directly between the flange and the transmitter. If direct coupling to orifice plate flanges is not required, process futbol connectors may also be used.

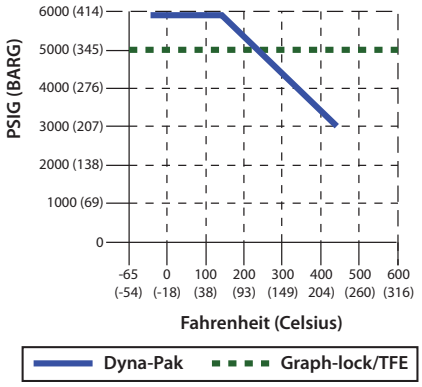




Technical Data

MAXIMUM OPERATING PRESSURE	*Dyna-Pak/Metal Stem Tip* • 6000 psig (414 barg) -65° F to +150° F (-54°C to +66° C) • 3000 psig (307 barg) at +450° F (+232° C) *Graph-Lock/TFE Wafer Packing* • 5000 psig (345 barg) -60° F to +600° F (-51°C to +316° C) • 3000 psig (307 barg) at +450° F (+232° C)
OPERATING TEMPERATURE RANGE	*Dyna-Pak/Metal Stem Tip* • -65° F to +450° F (-54°C to +232° C) *Graph-Lock/TFE Wafer Packing* • -60° F to +600° F (-51°C to +316° C)

Pressure Temperature Curves



Features & Benefits

- Purge ports are provided on the process side of block valves for applications requiring continuous purging.
- Bleed or vent ports on the instrument side of the block valves.
- Dyna-Pak TFE or high-temperature 600° F (316° C) Graph-lock/TFE wafer packing is standard.
- Bonnet locks prevent accidental disengagement of the bonnet.
- Non-rotating hardened metal stem tip.
- Integral backseats on all valve stems prevent accidental removal.
- Mounting bolts and TFE gaskets are standard.
- Packing below stem threads prevents process liquids from contaminating or washing away the thread lubricants.
- Special High Tolerance NPT Thread

instrument manifolds

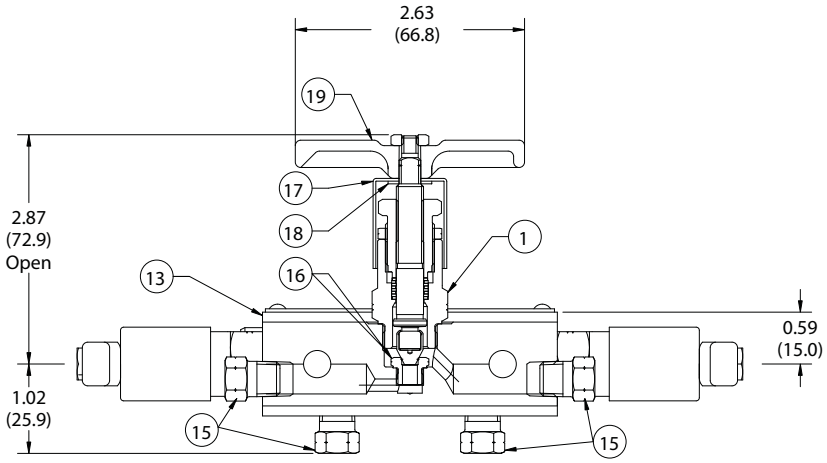
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Trifold Needle Valve Manifold– Pipe by Flange

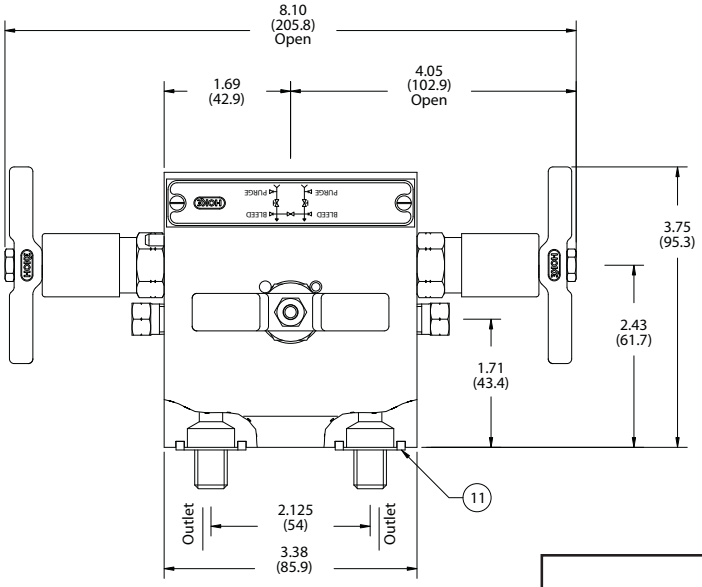
Special Application Manifolds

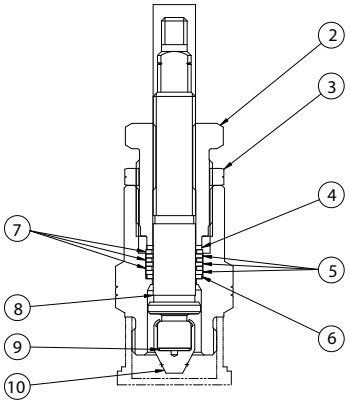
Dimensions and Materials

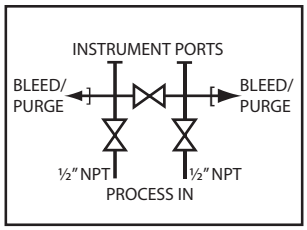
Dimensions are in inches (millimeters) are for reference only and are subject to change

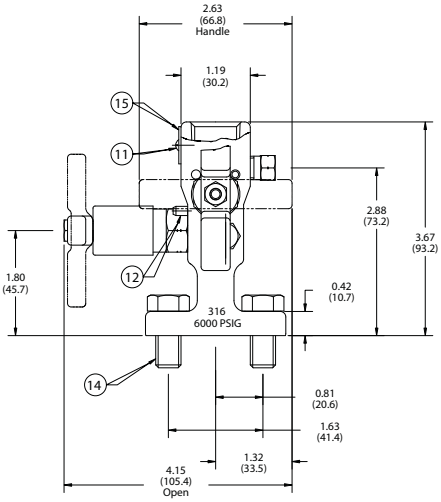


	DESCRIPTION	MATERIAL
1	HOUSING	316 stainless steel
2	PACKING NUT	316 stainless steel
3	LOCK NUT	316 stainless steel
4	WASHER	316 stainless steel
5	WAFER	Teflon® tape
6	WASHER	316 stainless steel
7	SPACER	316 stainless steel
8	STEM	316 stainless steel
9	DISC	17-7PH stainless steel
10	STEM POINT	17-4PH stainless steel
11	WASHER	Teflon®
12	SPRING PIN	302 stainless steel
13	MANIFOLD BLOCK	316 stainless steel
14	CAP SCREW	18-8 stainless steel
15	PIPE PLUG	316 stainless steel
16	SEAT INSERT	316 stainless steel
17	CAP LUG	Polyethylene
18	WASHER	304 stainless steel
19	HANDLE	316 stainless steel









How to Order Trifold Pipe by Flange

CONNECTIONS		MODEL NUMBER	STEM POINT	PACKING
PROCESS	INSTRUMENT			
1/2" Female NPT	Flange	8122F8Y	Non-rotating 17-4PH	Dyna-Pak
1/2" Female NPT	Flange	8128F8Y	Non-rotating 17-4PH	Graph-lock/ TFE wafers

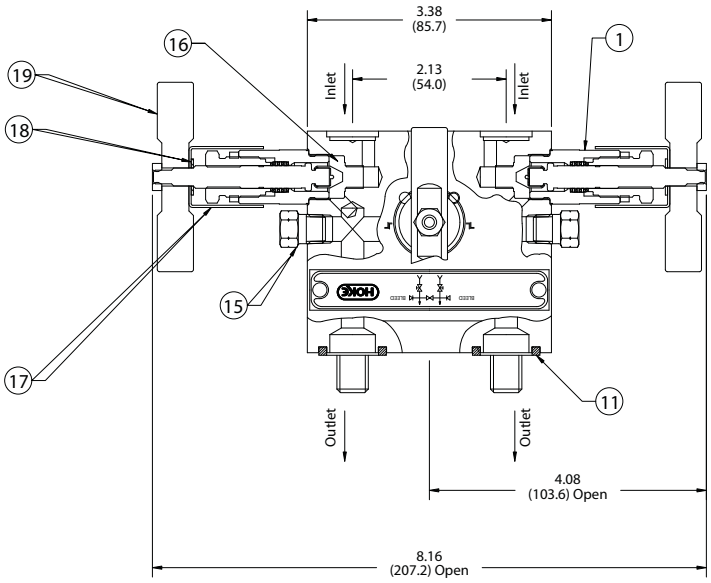
Mani-Mount mounting module see page 17 for details (available for 8122F8Y only)

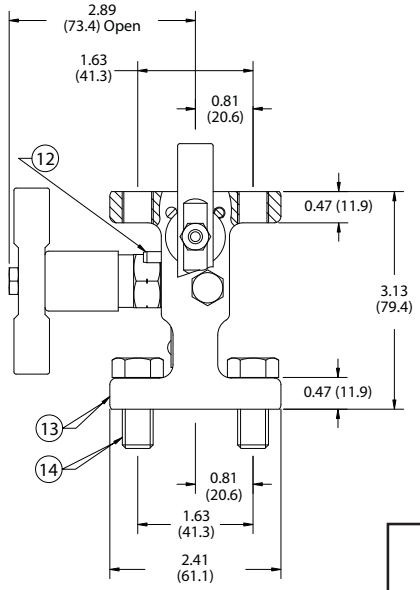
Trifold Needle Valve Manifold– Flange by Flange

Special Application Manifolds

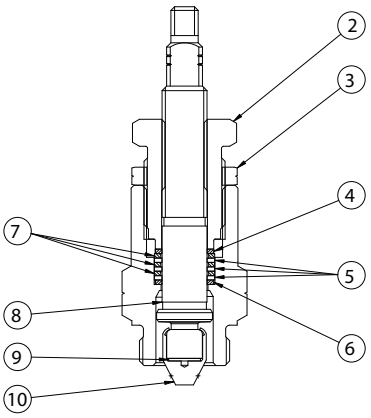
Dimensions and Materials

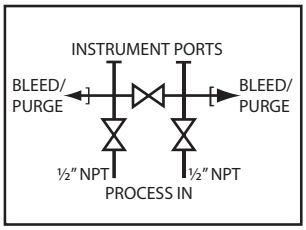
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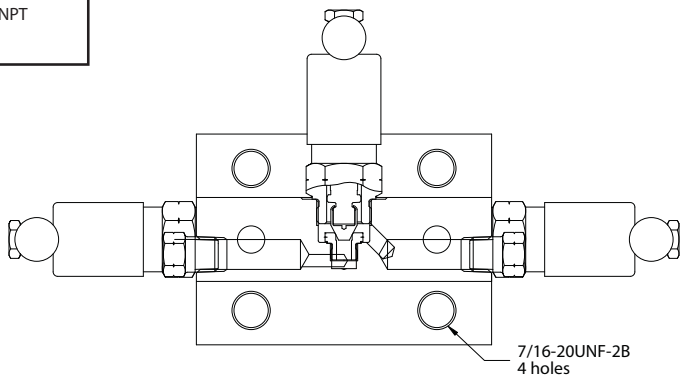




	DESCRIPTION	MATERIAL
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2	PACKING NUT	316 stainless steel
3	LOCK NUT	316 stainless steel
4	WASHER	316 stainless steel
5	WAFER	Teflon® tape
6	WASHER	316 stainless steel
7	SPACER	316 stainless steel
8	STEM	316 stainless steel
9	DISC	17-7PH stainless steel
10	STEM POINT	17-4PH stainless steel
11	WASHER	Teflon®
12	SPRING PIN	302 stainless steel
13	MANIFOLD BLOCK	316 stainless steel
14	CAP SCREW	18-8 stainless steel
15	PIPE PLUG	316 stainless steel
16	SEAT INSERT	316 stainless steel
17	CAP LUG	Polyethylene
18	WASHER	304 stainless steel
19	HANDLE	316 stainless steel







How to Order Trifold Flange by Flange

CONNECTIONS		MODEL NUMBER	STEM POINT	PACKING
PROCESS	INSTRUMENT			
Flange	Flange	8132YY	Non-rotating 17-4PH	Dyna-Pak
Flange	Flange	8138YY	Non-rotating 17-4PH	Graph-lock/ TFE wafers