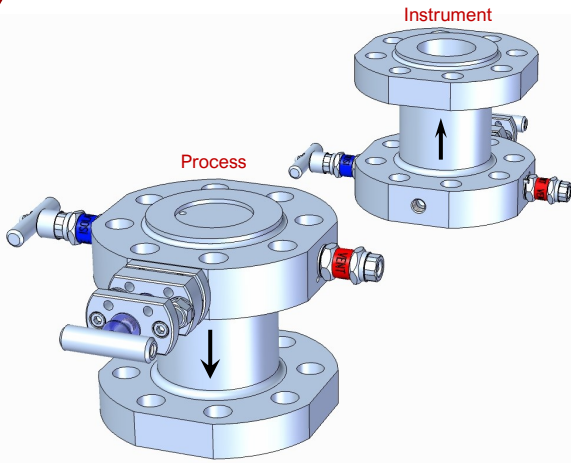


Model MP00 "Double Flange"



Design Features

- Self aligning metal seats
- Compact Design
- Non-rotating spindle tip
- Metal seal between body and bonnet
- Bonnet Locking pins
- Safety back seating T-Bar and Anti-Tamper operated valves
- Fire safe OS&Y Primary valve
- Full traceability of all materials
- 100% pressure tested (1,5 x MWP)

Description

The Multi Instruments Slimline Monoflange Manifold

This slimline monoflange is designed to replace the primary and secondary Process valve assemblies which are usually needed on remote seal (P and dP) pressure measurements.

It is a combination of the primary process isolation valve (OS&Y), an optional bleed and optional secondary valve, and an integrated drip ring, all integrated in one piece body.

The main advantages are less leaking points, weight saving and reduction in installation and maintenance time and costs.

Options

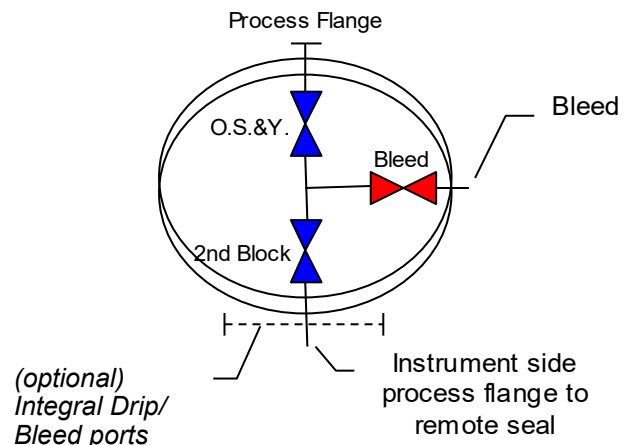
- Flanges according ANSI, EN1092-1 and JIS
- Flange sizes from 1/2"(DN15) up to 3"(DN80)
- Pressure rating from 150# up to 2500#
- Available in e.g. Monel, Hastelloy, Duplex, Super Duplex or Alloy 825/625 compliant materials
- High temperature up to 450°C (Graphite packing)
- High pressure up to 10.000 PSI
- Fugitive Emission design (class AH)

Connections

As default: Vent and/or test ports will be 1/4" thread size.

See ordering information on the back of this specification sheet for connection types available.

Valve Diagram



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Model MP00 "Double Flange"

Model selection guide

Process flange Instrument flange

MP00 . DBB . OSY . SG . A0610 . 0610A . YP . IDV

Pressure Rating

- **01** 150# / PN6
- **03** 300# / PN10
- **06** 600# / PN16
- **09** 900# / PN40
- **15** 1500# / PN100
- **25** 2500#
- ALP 150-600#
- AHP 900-2500#

Flange Size

- **03** 1/2" - DN15
- **04** 3/4" - DN20
- **05** 1" - DN25
- **07** 1 1/2" - DN40
- **10** 2" - DN50
- **20** 3" - DN80

Flange Standard

- .A ANSI
- .D DIN (EN 1092-1)

Manifold Valve(s) Operation Mode

- .YP Mixed PTFE seal
- .YG Mixed Graphite seal
- .TP All T-Bar PTFE seal
- .TG All T-Bar Graphite seal

NOTES

- * OS&Y is always T-Bar/Graphite
- Mixed(YP/YG): only Vent/Bleed is Anti-Tamper
- * PTFE <200°C, Graphite <450°C
- * This valve is used for remote seal Instruments, although stand-alone operation is also possible.

(1) Vent valve positioned after second block

Material (wetted parts):

- .SG AISI316/L NACE
- .M Alloy 400 (Monel)
- .H Alloy C276 (Hastelloy)
- .INC825 Alloy 825
- .INC625 Alloy 625
- .D Duplex
- .SD Super Duplex

Primary Valve Type

- .OSY OS&Y Valve
- .NVP Needle Valve PTFE
- .NVG Needle Valve Graphoil

Additional options

- .YG.FE Fugitive Emission Design, class AH
- .IDP Integral Drip/Vent plugs + ports

Primary Valve(s) Function

- .SB Single Block
- .SBB Single Block/Bleed
- .DB Double Block
- .DBB Double Block/Bleed
- .DBV Double Block/Vent⁽¹⁾

Integral Drip/Vent valves + ports

Manifold Function

- MP00 No additional manifold function