

Direct and Remote Mount 3-Valve Manifolds – V02 Series

Features

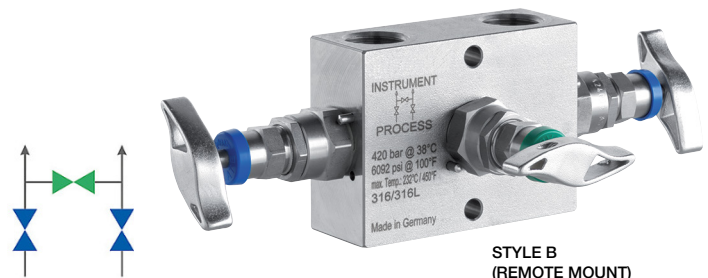
- 3-valve manifolds isolate each port and equalizes pressure for instrument maintenance
- 316L Stainless steel construction
- Support mounting brackets available

Typical Uses

- Oil & Gas Industry
 - Upstream: Onshore/offshore production
 - Midstream: Transport, storage and natural gas compression
 - Downstream: Refineries & petrochemical industries
- Chemical Industry
- Power Plants
 - Conventional power plants
 - Flue gas desulfurization plants
- Other Industries
 - Waste incineration plants
 - Seawater desalination plants
 - Steel mills
 - Cement plants



STYLE A
(DIRECT MOUNT)*

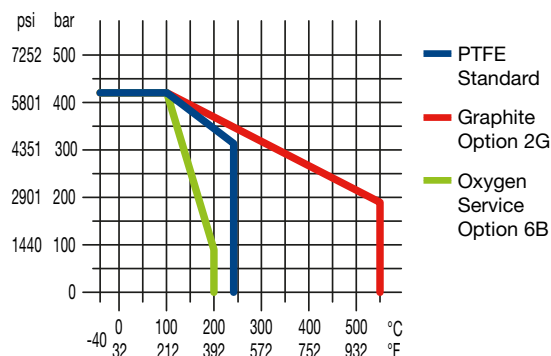


STYLE B
(REMOTE MOUNT)

*Style A compatible with Ashcroft products 5503 & F5504 only

Specifications

Process Connection:	½ NPT Female
Instrument Connection:	Direct Mount: IEC, Type A (54 mm center point) Remote Mount: ½ NPT Female
Construction:	316 Stainless steel
Max. Pressure Rating:	6,092 psi at 100 °F (420 bar at 38 °C) more details, check chart below
Max. Temperature Rating for:	
PTFE	450 °F (232 °C)
Graphite	1022 °F (550 °C)
Oxygen service	392 °F (200 °C)
Min. Temperature Rating for:	
PTFE	-40 °F (-40 °C)
Graphite	-40 °F (-40 °C)



Key Benefits

- Available for oxygen service
- Color-coded dust caps prevent dust ingress and identifies handle function
- PTFE packing (other materials available upon request)
- Stem with cold rolled surface, back seat and non-rotating needle tip
- Supplied with wetted parts according to NACE MR0175/MR0103 (CD-5 Certificate)
- Material traceability reports available per EN 10204 3.1

Components	Material
Wetted	
Body	316L Stainless steel (1.4404)
Valve stem	316L Stainless steel (1.4404)
Needle tip	316Ti Stainless steel (1.4571)
Packing	PTFE up to 450 °F (232 °C)
Gland nut	316L Stainless steel (1.4401)
Non-Wetted	
Bonnet	316L Stainless steel (1.4401)
T-handle	316L Stainless steel (1.4401)

Contact Us

1 800-328-8258
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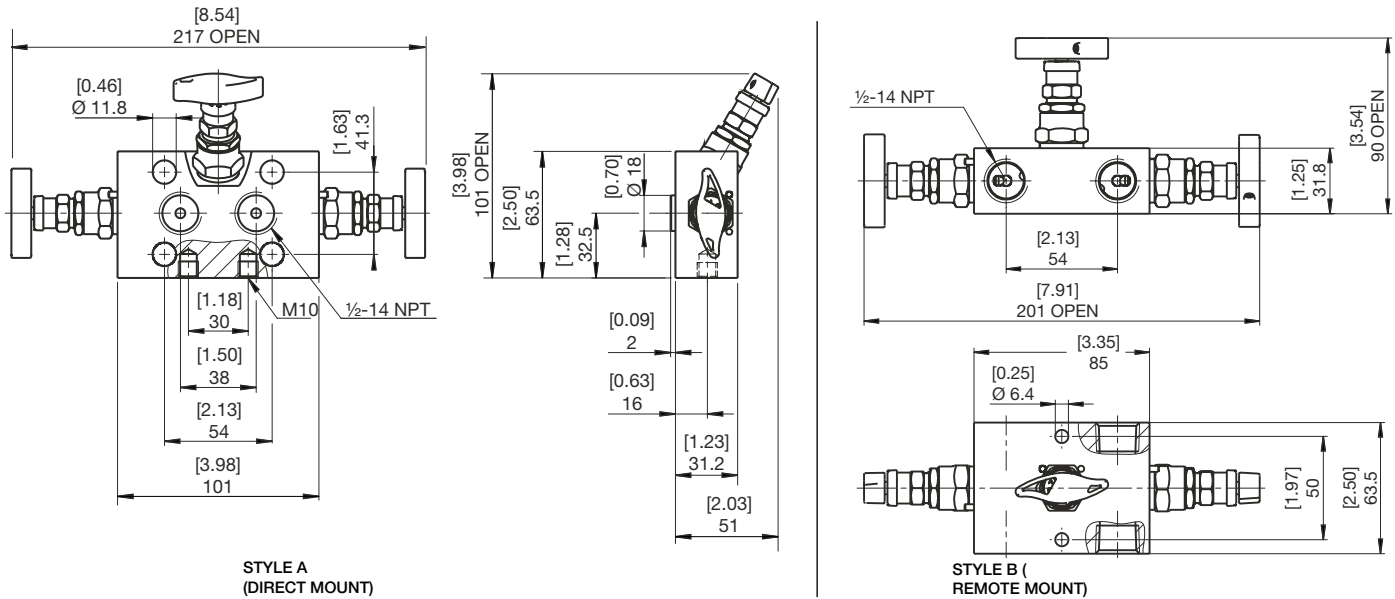
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Ordering Code	Example:	50	V02	3VB	SS	50	XC3
Process Connection							
04 - ¼ NPT Male							
50 - ½ NPT Female		50					
Series Code							
V02 - Valve			V02				
Valve Style							
3VA- Style A - Direct (compatible with 5503 and F5504; instrument connection 60 only)							
3VB - Style B - Remote				3VB			
Material (other materials available upon request)							
SS - 316 Stainless steel							
Instrument Connection							
50 - ½ NPT Female (Style B only)						50	
60 - IEC Type A (Style A only)							
Options (if choosing an option(s) must include an "X")							X _ _
Tags							
NH - Stainless steel tag wired to valve							
Mounting Bracket							
TM - 2" Pipe Mounting Bracket							
Testing/Certificates							
HY - Pneumatic/hydrostatic testing							
MQ - Positive material identification							
C3 - Material traceability report per EN 10204.2004 3.1							C3
1H - Pneumatic/Hydrostatic testing of assemblies							
Special Cleaning							
6B - Cleaned for gaseous oxygen service							
Other							
P7 - Compliance with power piping ASME B31.1							
2G - Graphite bonnet for high temperatures							
Assembly Codes							
A9 - Instrument Assembly: Differential Pressure Instrument /Capillary Lines/Swivel Adapters/Style B manifold							
5G - Valve attached to differential gauge (Style A manifold only)							
Certification (miscellaneous charges not included within model code)							
CD-5 - Certificate according to NACE for Oilfields MR0175/ISO 15156-2009 and for Refineries MR0103-2010							

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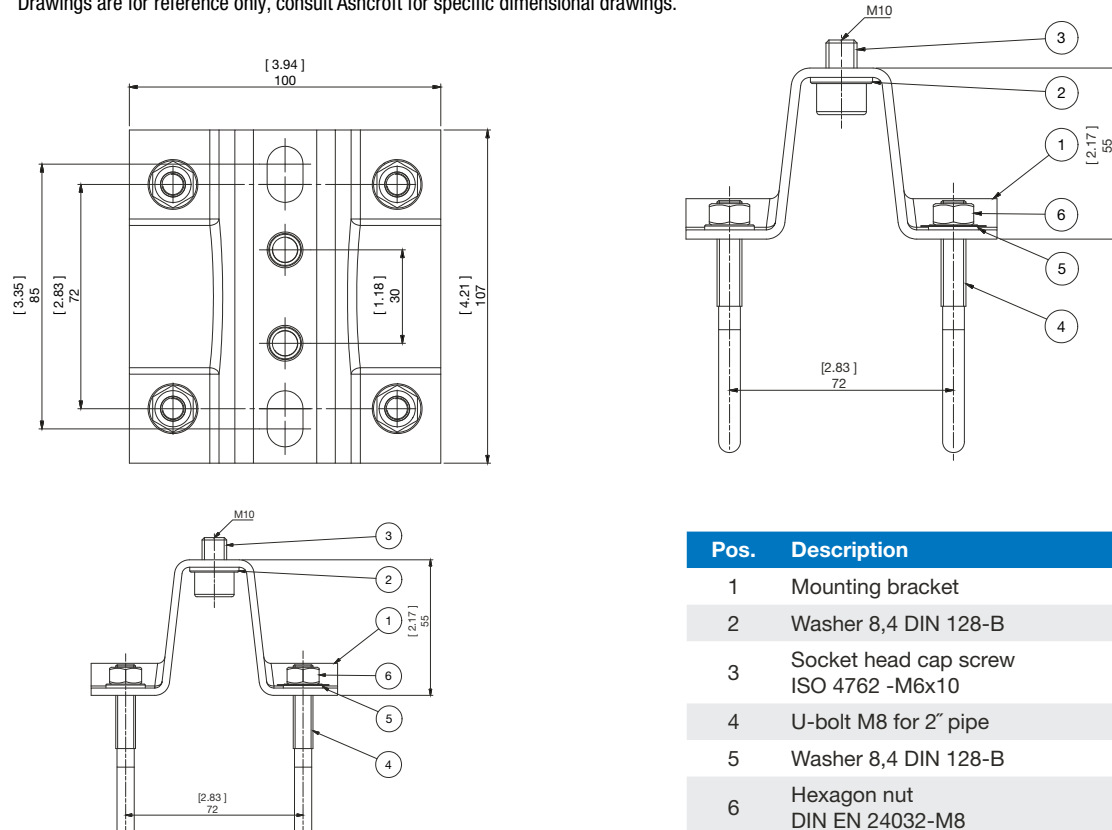
Dimensions (Dimensions in [] are Decimal Inches)

Drawings are for reference only, consult Ashcroft for specific dimensional drawings.



Option TM - 2" Pipe Mounting Bracket (Dimensions in [] are Decimal Inches)

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Pos.	Description	Material
1	Mounting bracket	316L Stainless steel
2	Washer 8,4 DIN 128-B	316 Stainless steel
3	Socket head cap screw ISO 4762 -M6x10	316 Stainless steel
4	U-bolt M8 for 2" pipe	316 Stainless steel
5	Washer 8,4 DIN 128-B	316 Stainless steel
6	Hexagon nut DIN EN 24032-M8	316 Stainless steel

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