

## Data Sheet

# Direct and Remote Mount 5-Valve Manifolds - V02 Series

### FEATURES

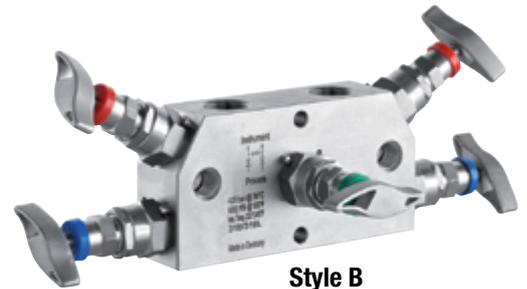
- 5-valve manifolds isolate and bleed the process for each port as well as equalize pressure for instrument maintenance
- Stainless Steel 316L (1.4404) construction
- Support mounting brackets available

### TYPICAL USES

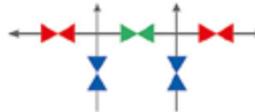
- Oil & Gas Industry
  - Upstream: Onshore/offshore production
  - Midstream: Transport, storage and natural gas compression
  - Downstream: Refineries and petrochemical industries
- Chemical Industry
- Power Plants
  - Conventional power plants
  - Flue gas desulfurization plants
- Other Industries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



**Style A**  
(Direct mount)



**Style B**  
(Remote mount)

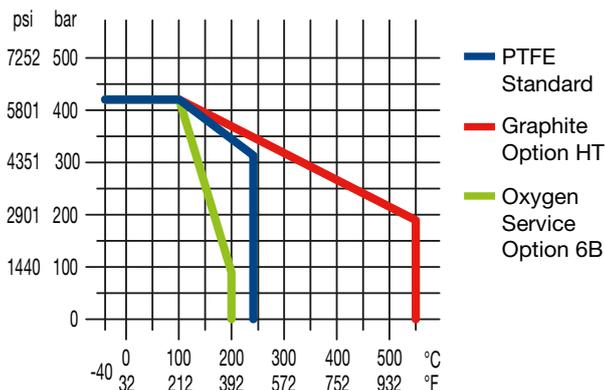


### SPECIFICATIONS

Process Connection:	1/2 NPT female
Instrument Connection:	Direct Mount: IEC / DIN EN 61518 Type A Remote Mount: 1/2 NPT female Direct mount: G 1/2 male swivel turning nipple
Construction:	Stainless Steel 316L (1.4404) Monel 400 (2.4360) Hastelloy C-276 (2.4819) others on request
Max. Pressure Rating:	420 bar at 38 °C (6092 psi at 100 °F) more details, check chart below
Max. Temperature Rating for:	
PTFE	232 °C (450 °F)
Graphite	550 °C (1.022 °F)
Oxygen service	200 °C (392 °F)
Min. Temperature Rating for:	
PTFE	-40 °C (-40 °F)
Graphite	-40 °C (-40 °F)

### 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
<b>Wetted</b>	
Body	316L (1.4404)
Valve stem	316L (1.4404)
Needle tip	316Ti (1.4571)
Packing	PTFE up to 200 °C (390°F)
Gland nut	316 (1.4401)
<b>Non-Wetted</b>	
Bonnet	316 (1.4401)
T-handle	Stainless Steel

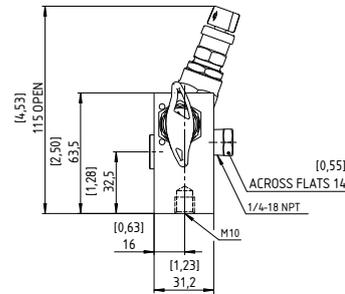
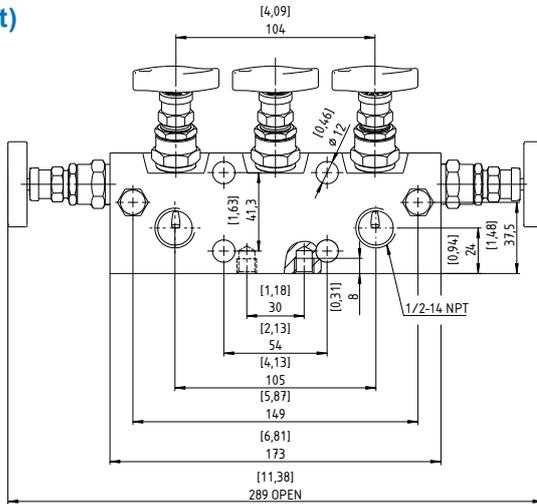
**Data Sheet**

**Direct and Remote Mount  
5-Valve Manifolds - V02 Series**

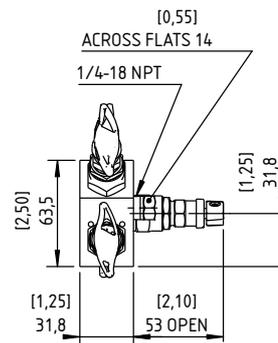
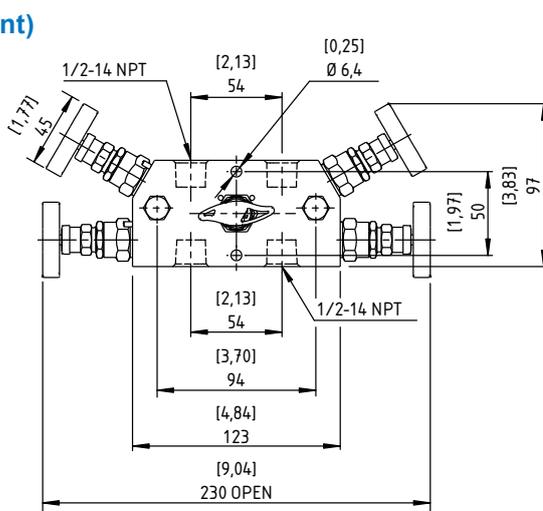
**DIMENSIONS IN MM [INCH]**

For reference only, consult Ashcroft for specific dimensional drawings

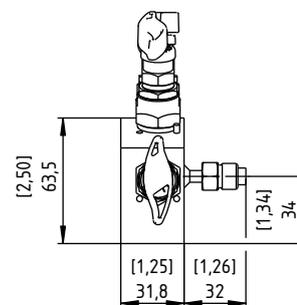
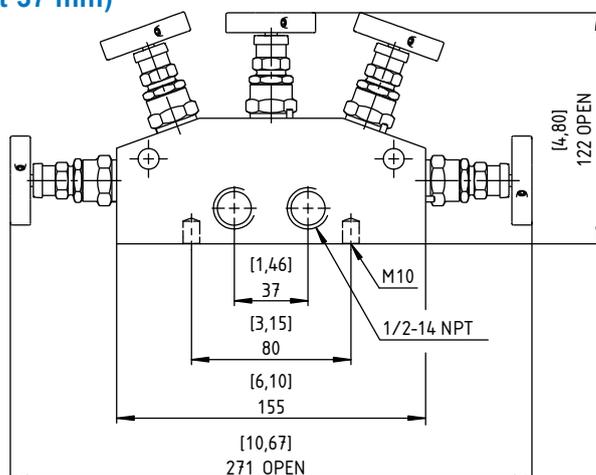
**Style A  
(Direct mount)**



**Style B  
(Remote mount)**



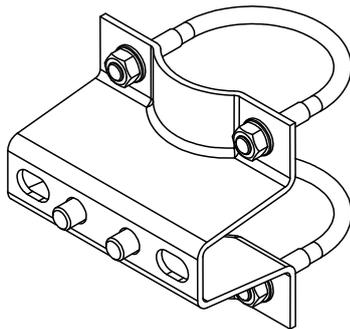
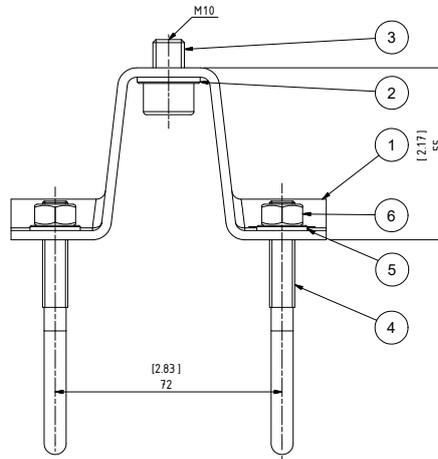
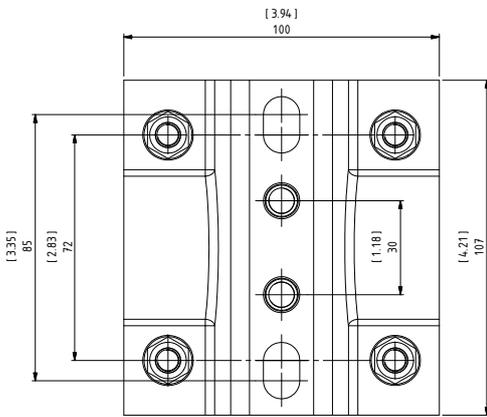
**Style C  
(Direct mount 37 mm)**



## Direct and Remote Mount 5-Valve Manifolds - V02 Series

### OPTION TM - 2" PIPE MOUNTING BRACKET - DIMENSIONS IN MM [INCH]

For reference only, consult Ashcroft for specific dimensional drawings



POS.	DESCRIPTION	MATERIAL
1	Mounting bracket	316Ti (1.4571)
2	Bracket	316Ti (1.4571)
3	Socket head cap screw ISO 4762 -M6x10	A4
4	U-bolt M8 for 2" pipe	A4
5	Washer 8,4 DIN 128-B	A4
6	Hexagon nut DIN EN 24032-M8	A4



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### Direct and Remote Mount 5-Valve Manifolds - V02 Series

ORDERING CODE		EXAMPLE:	50	V02	5V	A	SS	60	C3	
<b>Process Connection</b>										
50	1/2 NPT Female		50							
<b>Series Code</b>										
V02	Valve Series V02			V02						
<b>Valves</b>										
5V	5 Valve				5V					
<b>Version</b>										
A	Style A for IEC / DIN EN 61518 Type A						A			
B	Style B for remote mounting									
C	Style C for differential pressure gauges with 37 mm ports									
<b>Material</b>										
SS	Stainless steel 316L (1.4404)							SS		
PM	Monel 400 (2.4360)									
HH	Hastelloy C-276 (2.4819)									
<b>Instrument Connection</b>										
50	1/2 NPT Female (Style B only)							60		
60	IEC / DIN EN 61518 Type A (Style A only)									
83	G 1/4 male swivel turning nipple (Style C only)									
<b>Options (If choosing an option(s) must include a "X")</b>										
HT	Graphite bonnet for high temperature									
TM	Pipe mounting bracket									
QC	Arctic operations (-55 °C/-67 °F)									
C3	Material Traceability Report acc. to EN 10204 3.1									C3
CD5	Certificate according to NACE for Oilfields MR0175/ISO 15156-2009 and for Refineries MR0103-2010									
MQ	Positive Material Identification (PMI-Test)									
HY	Hydrostatic Testing									
P7	Power piping acc. to ASME B31.1									
6B	Cleaned for Oxygen Service									
NH	Stainless Steel Tags									

