Block and Bleed 2-Valve Manifolds - V02 Series

FEATURES
- Isolates and bleeds process from instrument assembly 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 and petrochemical industries
- Chemical Industry
- Power Plants
  - Conventional power plants
  - Nuclear power plants
  - Flue gas desulfurization plants
- Other Industries
  - Waste incineration plants
  - Seawater desalination plants
  - Steel mills
  - Cement plants

SPECIFICATIONS

| Process Conn:     | Style A ½ NPTM |
|                  | Style B ½ NPTF |
|                  | Style C ½ NPTF |

| Instrument Conn: | 1/2 NPTF |

| Construction:     | 316L Stainless Steel |

| Max Pressure      | 6092 psi at 140°F (60°C) |

| Max Temperature   | 392°F (200°C) at 1305 psi |

COMPONENTS

<table>
<thead>
<tr>
<th>Wetted</th>
<th>MATERIAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Body</td>
<td>316L</td>
</tr>
<tr>
<td>Valve stem</td>
<td>316L</td>
</tr>
<tr>
<td>Needle tip</td>
<td>316Ti</td>
</tr>
<tr>
<td>Packing</td>
<td>PTFE up to 200 °C</td>
</tr>
<tr>
<td>Gland nut</td>
<td>316</td>
</tr>
<tr>
<td>Screw Plug*</td>
<td>316L</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Non-Wetted</th>
<th>MATERIAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bonnet</td>
<td>316</td>
</tr>
<tr>
<td>T-handle</td>
<td>Stainless Steel</td>
</tr>
</tbody>
</table>

*Style B, C only

- 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
Data Sheet

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DIMENSIONS (dimensions in [ ] are decimal inches)

ORDERING CODE

Example:

<table>
<thead>
<tr>
<th>Process Connection</th>
<th>04</th>
<th>V02</th>
<th>2V</th>
<th>A</th>
<th>SS</th>
<th>50</th>
<th>XC3</th>
</tr>
</thead>
<tbody>
<tr>
<td>04-½ NPT Male (style A only)</td>
<td>04</td>
<td></td>
<td>2V</td>
<td>A</td>
<td>SS</td>
<td>50</td>
<td>XC3</td>
</tr>
<tr>
<td>50-½ NPT Female</td>
<td></td>
<td></td>
<td>2V</td>
<td>A</td>
<td>SS</td>
<td>50</td>
<td>XC3</td>
</tr>
</tbody>
</table>

Series Code

V02-Valve

Valves

2V-2 Valve

Version

A-Style A (In-line) A
B-Style B (L-Shape)
C-Style C (Y-Shape)

Material

SS-316SS

Instrument Connection

50-½ NPT Female

Options

C3-Material Traceability Report  Per EN 10204 3.1
HY-Hydrostatic Testing
6B-Cleaned for Oxygen Service
NH-Stainless Steel Tags
P7-Compliance with power piping ASME B31.1

All specifications are subject to change without notice.
All sales subject to standard terms and conditions.
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