

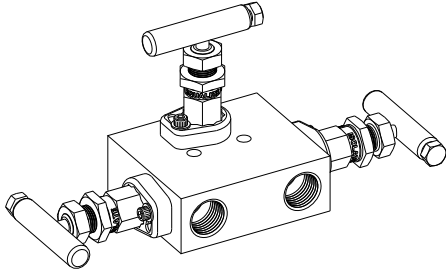
Three-Valve Manifolds

.187" ORIFICE

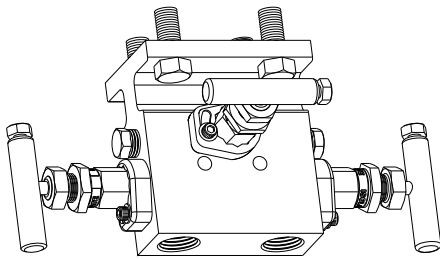
ASME B31.1 2500# CLASS

Description

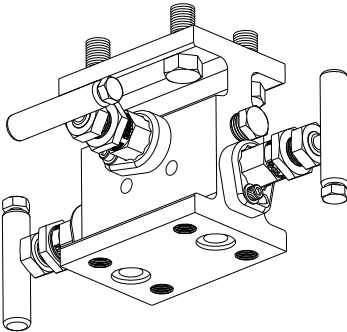
1/2" FNPT x 1/2" FNPT



1/2" FNPT x Flange

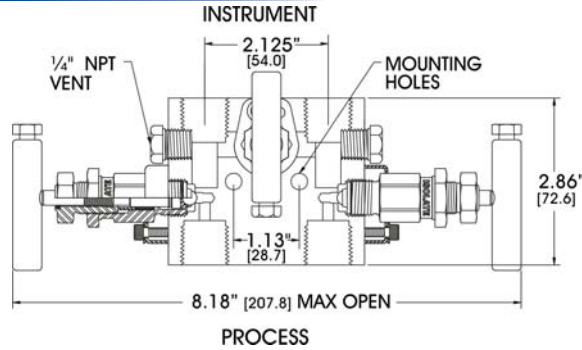


Flange x Flange

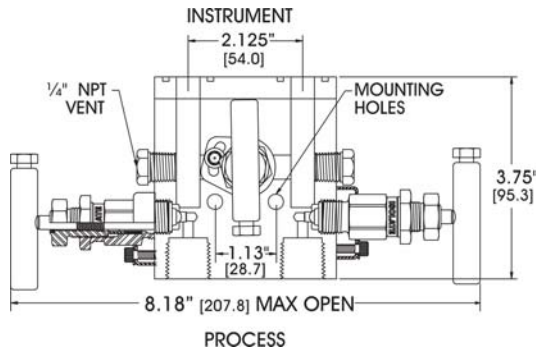


Body Style

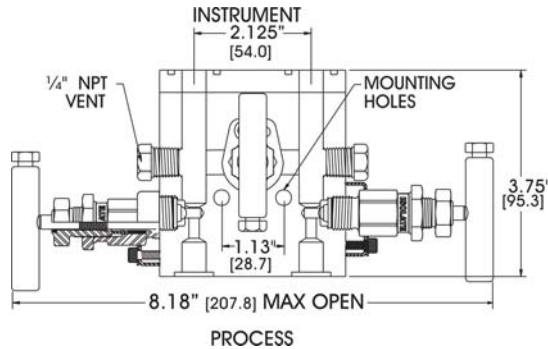
PM-500 Hard Seat



PM-650 Hard Seat



PM-750 Hard Seat

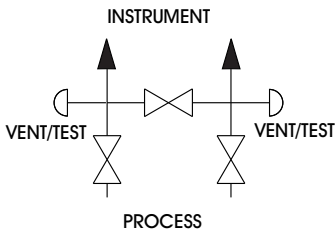


Max Cv Ratings

| ORIFICE SIZE | MAX Cv RATINGS |
|------------------------------|----------------------------------|
| .187" | .53 |
| Approximate Manifold Weight: | 3.7 lbs. [1.68 kg] each [PM-500] |
| | 7.9 lbs. [3.58 kg] each [PM-650] |
| | 5.0 lbs. [2.27 kg] each [PM-750] |

Materials of Construction

| PART DESCRIPTION | CARBON STEEL | 316 SS |
|------------------|----------------------|----------------------|
| Body | ASTM A105 CF | ASTM A479-316 |
| Bonnet | ASTM A105 CF | ASTM A479-316 |
| Stem | ASTM A479-316 | ASTM A479-316 |
| Packing Follower | ASTM A479-316 | ASTM A479-316 |
| Handle Assembly | ASTM A108 | ASTM A581 18-8 |
| Lockplate | Stainless Steel 18-8 | Stainless Steel 18-8 |
| Plugs | ASTM F593 (18-8) | ASTM F593 (18-8) |
| Mounting Bolts | ASTM A449-TYPE 1 | ASTM A449-TYPE 1 |



Three-Valve Manifolds

.187" ORIFICE

ASME B31.1 2500# CLASS

THREE-VALVE MANIFOLDS

ORDERING INFORMATION

| BODY STYLE | BODY CODE | SEAT CODE | STEM PACKING CODE | OPTION CODES | | | |
|------------------|-----------|-----------|-------------------|--------------|--|--|--|
| Hard Seat | | | | | | | |
| PM - 500 | | | G | - | | | |
| PM - 650 | | | G | - | | | |
| PM - 750 | | | G | - | | | |

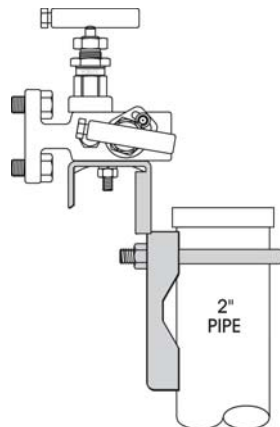
| BODY MATERIAL CODE | |
|------------------------|----------|
| ASTM A105 Carbon Steel | C |
| ASTM A479-316 SS | S |

| HARD SEAT CODE | |
|---------------------|----------|
| [Std.] Carbide Ball | C |
| Ceramic Ball | R |
| 316 SS Ball | 6 |
| Stellite® Ball | S |

| STEM PACKING CODE | |
|-------------------|----------|
| Low-Torque™ | G |
| Grafoil® Packed | |

Versa-Mount Bracket Option

See Pages 26-28 for further details.



| OPTION CODE | OPTION DESCRIPTION |
|-------------|---|
| AU7 | 1/2" Integral Tube Fitting - Parker® A-LOK Dual Ferrules (Process Ports) |
| ME | Slotted Instrument Flange Using Bolts over 3" |
| M7 | Required Slotting for Rosemount® 1151 Transmitters Series 6 & Above (Flange Manifolds Only) |
| VA | Bracket Spacer for Flange to Flange Manifolds |
| VC | CS Versa-Mount Bracket |
| VS | 316 SS Versa-Mount Bracket |
| VCH | CS Heavy-Duty Versa-Mount Bracket |
| VSH | 316 SS Heavy-Duty Versa-Mount Bracket |
| WA | CS 2-1/4" Bolts for Rosemount® 3051C, 3095, or |
| WAW9 | 316 SS 2024 with Coplanar™ (Flange Manifolds Only) |
| WK | Paper Tag |
| W1 | 316 SS Tag (20 Characters) |
| W9 | 316 SS Standard Length Flange Bolts (CS Standard) |
| X3 | (2) 1/4" Test Ports on Instrument Flange (Flange Manifolds Only) |

Pressure & Temperature

| BODY MATERIAL | HARD SEAT |
|---------------|---------------------|
| | Grafoil |
| Carbon Steel | 6,170 PSI @ 100°F |
| | 3,430 PSI @ 800°F |
| 316 SS | 6,000 PSI @ 100°F |
| | 3,030 PSI @ 1,000°F |

See Pressure & Temperature Chart on Page 4.

Notes

- 100% hydrostatically pressure tested 1.5 times the design pressure per B16.34 requirements
- Pipe Socket Weld Inlet Available
- PGI Carbon Steel products are Alkaline cleaned and coated with Zinc Phosphate solution; rust preventative solution applied

Three-Valve Blowdown Manifold

.187" ORIFICE

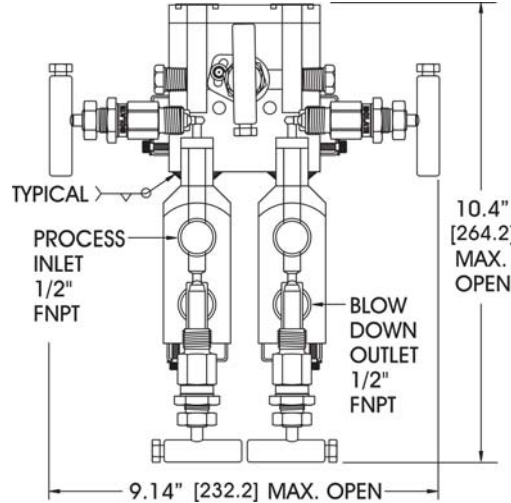
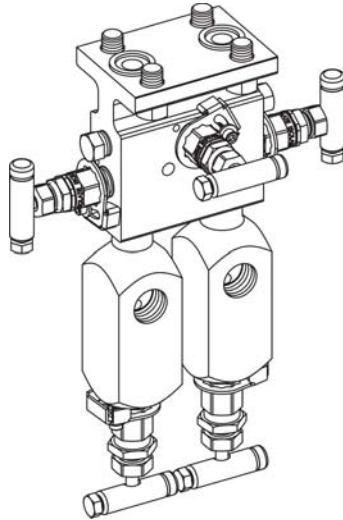
ASME B31.1 2500# CLASS

Description

1/2" FNPT x Flange

Body Style

AK-135 Angle Style ~ Hard Seat



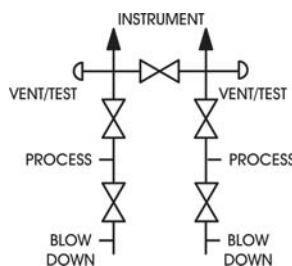
The PGI AK-135 Blow Down Manifold provides the block and equalizing functions of a standard 3-Valve Manifold and incorporates two additional block valves that are used as the blow down valves. This convenient design allows the user to blow down the process away from the directly flange mounted differential pressure transmitter. Installation time is reduced along with the additional nipples, tees and shut-off valves required in conventional blow down applications.

Max Cv Ratings

| ORIFICE SIZE | MAX Cv RATINGS |
|---|----------------|
| .187" | .53 |
| Approximate Manifold Weight: 8 lbs. [3.62 kg] each [AK-135] | |

Materials of Construction

| PART DESCRIPTION | CARBON STEEL | 316 SS |
|------------------|----------------------|----------------------|
| Body | ASTM A105 CF | ASTM A479-316 |
| Bonnet | ASTM A105 CF | ASTM A479-316 |
| Stem | ASTM A479-316 | ASTM A479-316 |
| Packing Follower | ASTM A479-316 | ASTM A479-316 |
| Handle Assembly | ASTM A108 | ASTM A581 18-8 |
| Lockplate | Stainless Steel 18-8 | Stainless Steel 18-8 |
| Plugs | ASTM A105 CF | ASTM F593 (18-8) |
| Mounting Bolts | ASTM A449-TYPE 1 | ASTM A449-TYPE 1 |



Three-Valve Blowdown Manifold

.187" ORIFICE

ASME B31.1 2500# CLASS

THREE-VALVE BLOWDOWN MANIFOLD

ORDERING INFORMATION

| BODY STYLE | BODY CODE | SEAT CODE | STEM PACKING CODE | OPTION CODES |
|-----------------------------------|-----------|-----------|-------------------|--------------|
| Straight Style - Hard Seat | | | | |
| A K - 135 | | S | G | - |

| BODY MATERIAL CODE | |
|------------------------|---|
| ASTM A105 Carbon Steel | C |
| ASTM A479-316 SS | S |

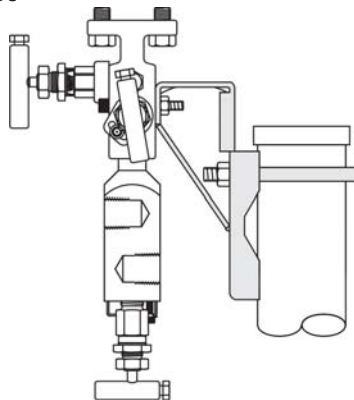
| HARD SEAT CODE | |
|-----------------------|---|
| [Std.] Stellite® Ball | S |
| Carbide Ball | C |
| Ceramic Ball | R |
| 316 SS Ball | 6 |

| STEM PACKING CODE | |
|-------------------|---|
| Low-Torque™ | G |
| Grafoil® Packed | |

Versa-Mount Bracket Option

Shown with AK-135

See Pages 26-28 for further details.



| OPTION CODE | OPTION DESCRIPTION |
|-------------|---|
| AS7 | Welded Tube Stub 6" Length Standard (Process Port) |
| M7 | Required Slotting for Rosemount® 1151 Transmitters Series 6 & Above (Flange Manifolds Only) |
| VA | Bracket Spacer for Flange to Flange Manifolds |
| VCH | CS Heavy-Duty Versa-Mount Bracket |
| VSH | 316 SS Heavy-Duty Versa-Mount Bracket |
| WK | Paper Tag |
| W1 | 316 SS Tag (20 Characters) |
| W9 | 316 SS Standard Length Flange Bolts (CS Standard) |

Pressure & Temperature

| BODY MATERIAL | HARD SEAT Grafoil |
|---------------|----------------------|
| Carbon Steel | 6,170 PSI @ 100°F |
| | 3,430 PSI @ 800°F |
| 316 SS | 6,000 PSI @ 100°F |
| | 3,030 PSI @ 1,000°F |

See Pressure & Temperature Chart on Page 4.

Notes

- 100% hydrostatically pressure tested 1.5 times the design pressure per B16.34 requirements
- Pipe Socket Weld Inlet Available
- PGI Carbon Steel products are Alkaline cleaned and coated with Zinc Phosphate solution; rust preventative solution applied

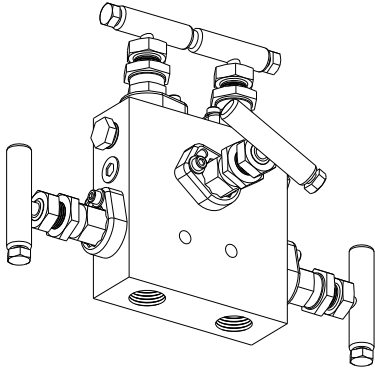
Five-Valve Manifolds

.187" ORIFICE

ASME B31.1 2500# CLASS

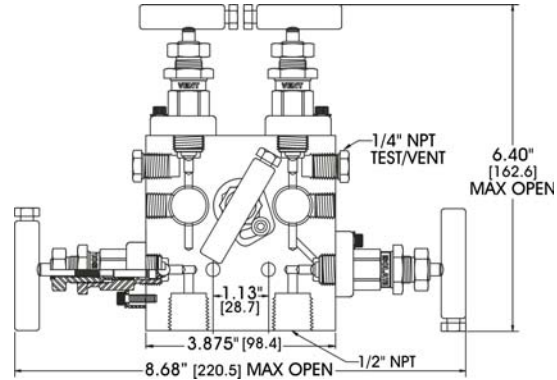
Description

1/2" FNPT x 1/2" FNPT

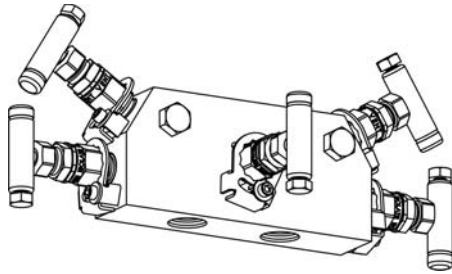


Body Style

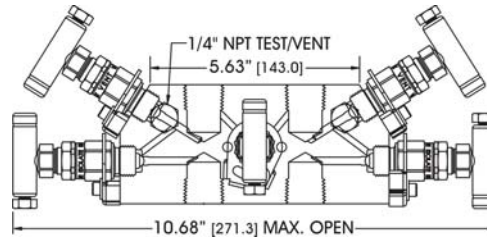
PM-534 Angle Style ~ Hard Seat



1/2" FNPT x 1/2" FNPT



PM-850 Straight Style ~ Hard Seat

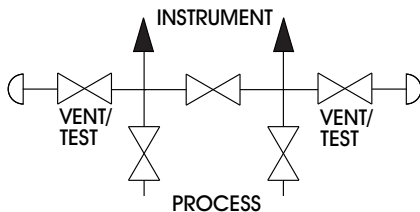


Max Cv Ratings

| ORIFICE SIZE | MAX Cv RATINGS |
|-------------------------------------|--|
| .187" | .53 |
| Approximate Manifold Weight: | 7.0 lbs. [3.18 kg] each [PM-534] 5.5 lbs. [2.49 kg] each [PM-850] |

Materials of Construction

| PART DESCRIPTION | CARBON STEEL | 316 SS |
|------------------|----------------------|----------------------|
| Body | ASTM A105 CF | ASTM A479-316 |
| Bonnet | ASTM A105 CF | ASTM A479-316 |
| Stem | ASTM A479-316 | ASTM A479-316 |
| Packing Follower | ASTM A479-316 | ASTM A479-316 |
| Handle Assembly | ASTM A108 | ASTM A581 18-8 |
| Lockplate | Stainless Steel 18-8 | Stainless Steel 18-8 |
| Plugs | ASTM A105 CF | ASTM F593 (18-8) |
| Mounting Bolts | ASTM A449-TYPE 1 | ASTM A449-TYPE 1 |



Five-Valve Manifolds

.187" ORIFICE

ASME B31.1 2500# CLASS

FIVE-VALVE MANIFOLDS

ORDERING INFORMATION

| BODY STYLE | BODY CODE | SEAT CODE | STEM PACKING CODE | OPTION CODES |
|-----------------------------------|-----------|-----------|-------------------|--------------|
| Straight Style - Hard Seat | | | | |
| PM - 534 | | | G - | |
| PM - 850 | | | G - | |

| BODY MATERIAL CODE | |
|------------------------|----------|
| ASTM A105 Carbon Steel | C |
| ASTM A479-316 SS | S |

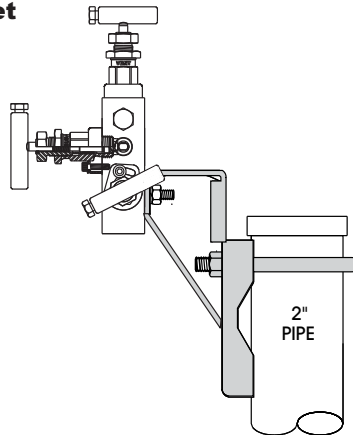
| HARD SEAT CODE | |
|---------------------|----------|
| [Std.] Carbide Ball | C |
| Ceramic Ball | R |
| 316 SS Ball | 6 |
| Stellite® Ball | S |

| STEM PACKING CODE | |
|-------------------|----------|
| Low-Torque™ | G |
| Grafoil® Packed | |

Versa-Mount Bracket Option

Shown with PM-534

See Pages 26-28 for further details.



| OPTION CODE | OPTION DESCRIPTION |
|-------------|---|
| AS7 | Welded Tube Stub 6" Length Standard (Process Port) |
| M7 | Required Slotting for Rosemount® 1151 Transmitters Series 6 & Above (Flange Manifolds Only) |
| VCH | CS Heavy-Duty Versa-Mount Bracket |
| VSH | 316 SS Heavy-Duty Versa-Mount Bracket |
| WK | Paper Tag |
| W1 | 316 SS Tag (20 Characters) |
| W9 | 316 SS Standard Length Flange Bolts (CS Standard) |

Pressure & Temperature

| BODY MATERIAL | HARD SEAT |
|---------------|---------------------|
| | Grafoil |
| Carbon Steel | 6,170 PSI @ 100°F |
| | 3,430 PSI @ 800°F |
| 316 SS | 6,000 PSI @ 100°F |
| | 3,030 PSI @ 1,000°F |

See Pressure & Temperature Chart on Page 4.

Notes

- 100% hydrostatically pressure tested 1.5 times the design pressure per B16.34 requirements
- Pipe Socket Weld Inlet Available
- PGI Carbon Steel products are Alkaline cleaned and coated with Zinc Phosphate solution; rust preventative solution applied

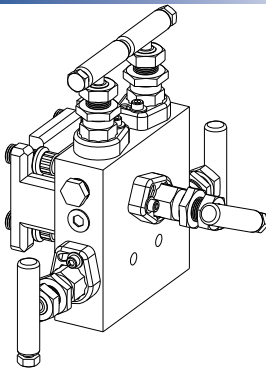
Five-Valve Manifolds

.187" ORIFICE

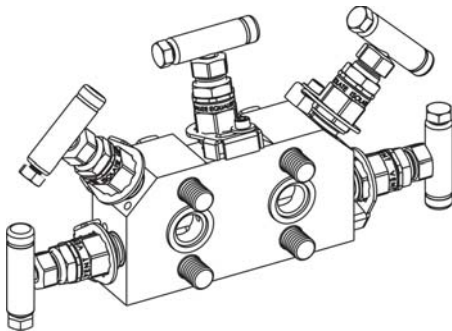
ASME B31.1 2500# CLASS

Description

1/2" FNPT x Flange

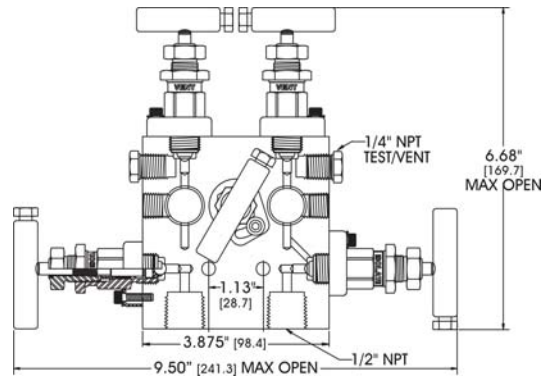


1/2" FNPT x Flange

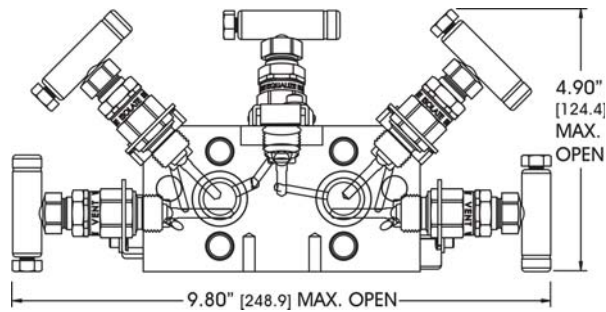


Body Style

PM-634 Angle Style ~ Hard Seat



PM-818 Straight Style ~ Hard Seat

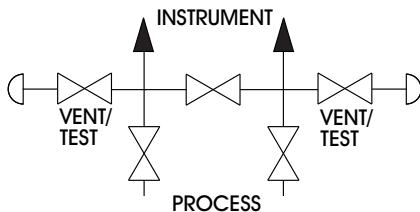


Max Cv Ratings

| ORIFICE SIZE | MAX Cv RATINGS |
|------------------------------|----------------------------------|
| .187" | .53 |
| Approximate Manifold Weight: | 8.0 lbs. [3.63 kg] each [PM-634] |
| | 6.1 lbs. [2.77 kg] each [PM-818] |

Materials of Construction

| PART DESCRIPTION | CARBON STEEL | 316 SS |
|------------------|----------------------|----------------------|
| Body | ASTM A105 CF | ASTM A479-316 |
| Bonnet | ASTM A105 CF | ASTM A479-316 |
| Stem | ASTM A479-316 | ASTM A479-316 |
| Packing Follower | ASTM A479-316 | ASTM A479-316 |
| Handle Assembly | ASTM A108 | ASTM A581 18-8 |
| Lockplate | Stainless Steel 18-8 | Stainless Steel 18-8 |
| Plugs | ASTM F593 (18-8) | ASTM F593 (18-8) |
| Mounting Bolts | ASTM A449-TYPE 1 | ASTM A449-TYPE 1 |



Five-Valve Manifolds

.187" ORIFICE

ASME B31.1 2500# CLASS

FIVE-VALVE MANIFOLDS

ORDERING INFORMATION

| BODY STYLE | BODY CODE | SEAT CODE | STEM PACKING CODE | OPTION CODES |
|--------------------------------|-----------|-----------|-------------------|--------------|
| Angle Style - Hard Seat | | | | |
| PM - 634 | | | G - | |
| PM - 818 | | | G - | |

| BODY MATERIAL CODE | |
|------------------------|---|
| ASTM A105 Carbon Steel | C |
| ASTM A479-316 SS | S |

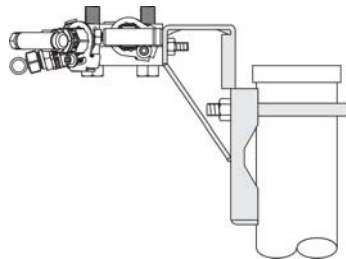
| HARD SEAT CODE | |
|---------------------|---|
| [Std.] Carbide Ball | C |
| Ceramic Ball | R |
| 316 SS Ball | 6 |
| Stellite® Ball | S |

| STEM PACKING CODE |
|-------------------|
| Low-Torque™ |
| Grafoil® Packed |

Versa-Mount Bracket Option

Shown with PM-818

See Pages 26-28 for further details.



| OPTION CODE | OPTION DESCRIPTION |
|-------------|---|
| AS7 | Welded Tube Stub 6" Length Standard (Process Port) |
| M7 | Required Slotting for Rosemount® 1151 Transmitters Series 6 & Above (Flange Manifolds Only) |
| P9 | 1/4" Hex Head Pipe Plug in Vent/Test Port |
| VA | Bracket Spacer for Flange to Flange Manifolds |
| VCH | CS Heavy-Duty Versa-Mount Bracket |
| VSH | 316 SS Heavy-Duty Versa-Mount Bracket |
| WJ | 3-1/4" CS Bolts for Rosemount® 3051C, 3051S Transmitter with Coplanar™ Flange (PM-818 Only) |
| WJW9 | 3-1/4" CS Bolts for Rosemount® 3051C, 3051S Transmitter with Coplanar™ Flange (PM-818 Only) |
| WK | Paper Tag |
| W1 | 316 SS Tag (20 Characters) |
| W5A | 2-1/4" SS Bolts for Rosemount® 3051C, 3051S Transmitter with Coplanar™ Flange (PM-634 Only) |
| W9 | 316 SS Standard Length Flange Bolts (CS Standard) |

Pressure & Temperature

| BODY MATERIAL | HARD SEAT |
|---------------|---------------------|
| | Grafoil |
| Carbon Steel | 6,170 PSI @ 100°F |
| | 3,430 PSI @ 800°F |
| 316 SS | 6,000 PSI @ 100°F |
| | 3,030 PSI @ 1,000°F |

See Pressure & Temperature Chart on Page 4.

Notes

- 100% hydrostatically pressure tested 1.5 times the design pressure per B16.34 requirements
- Pipe Socket Weld Inlet Available
- PGI Carbon Steel products are Alkaline cleaned and coated with Zinc Phosphate solution; rust preventative solution applied