

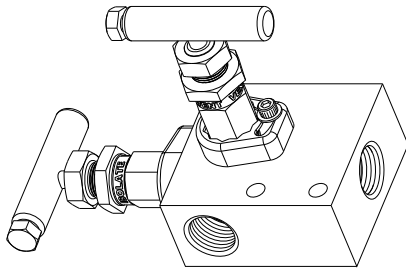
Two-Valve Block & Bleed Manifolds

.187" ORIFICE

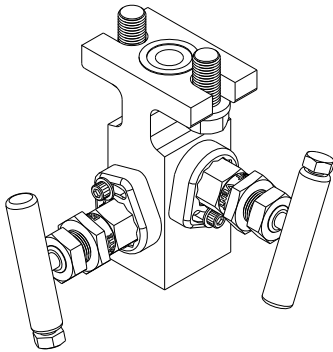
ASME B31.1 2500# CLASS

Description

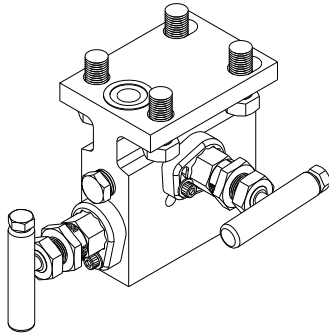
1/2" FNPT x 1/2" FNPT



1/2" FNPT x Flange

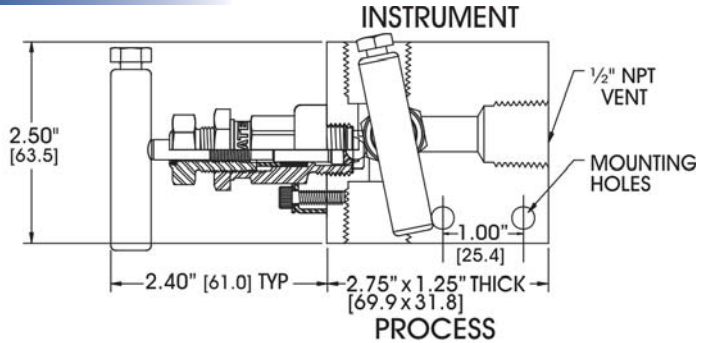


1/2" FNPT x Flange

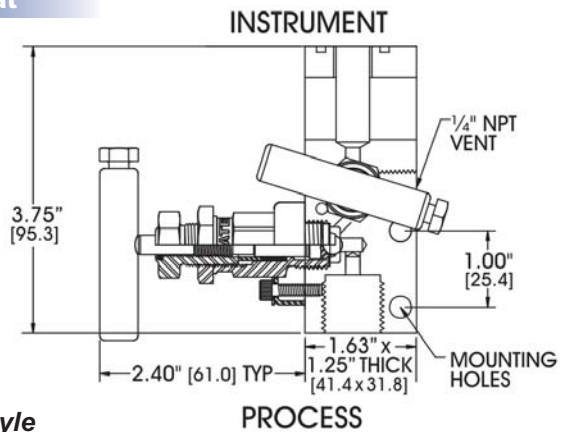


Body Style

PM-518 Hard Seat

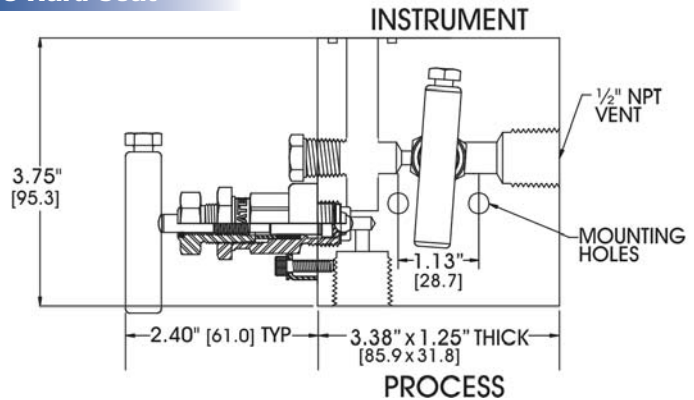


PM-616 Hard Seat



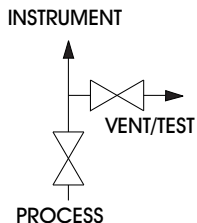
Standard Body Style

PM-618 Hard Seat



Max Cv Ratings

ORIFICE SIZE	MAX Cv RATING
.187"	.53
Approximate Manifold Weight:	4.3 lbs. [1.95 kg] each [PM-518]
	2.0 lbs. [0.91 kg] each [PM-616]
	5.0 lbs. [2.27 kg] each [PM-618]



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

Two-Valve Block & Bleed Manifolds

.187" ORIFICE

ASME B31.1 2500# CLASS

ORDERING INFORMATION

BODY STYLE	BODY CODE	SEAT CODE	STEM PACKING CODE	OPTION CODES
Hard Seat				
P M - 5 1 8			G -	
P M - 6 1 6			G -	
P M - 6 1 8			G -	

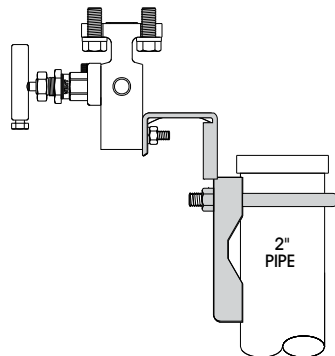
BODY MATERIAL CODE	
ASTM A105 Carbon Steel	C
ASTM A479-316 SS	S

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
AP7	Female Pipe Socket Weld (Process Port)
AS7	Welded Tube Stub 6" Length Standard (Process Port)
AT7	Female Tube Socket Weld (Process Port)
AU7	½" Integral Tube Fitting - Parker® A-LOK Dual Ferrules (Process Ports)
ME	Slotted Instrument Flange Using Bolts over 3"
P9	¼" Hex Head Pipe Plug in Vent/Test Port
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 2-¼" 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)
Y	OS & Y Bonnets (All Locations)

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

- Code material of construction designed to meet the requirements of ASME B31.1
- 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

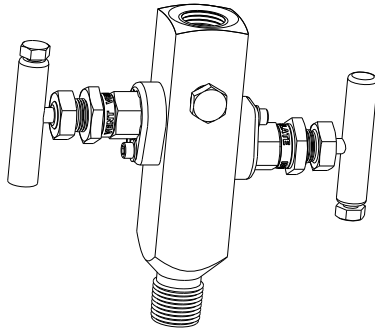
Two-Valve Block & Bleed Manifolds

.187" ORIFICE

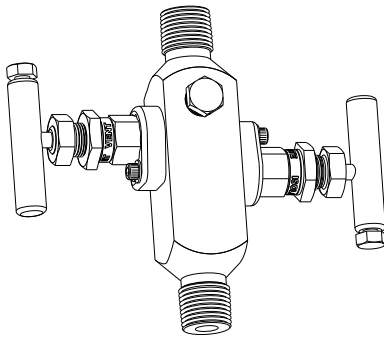
ASME B31.1 2500# CLASS

Description

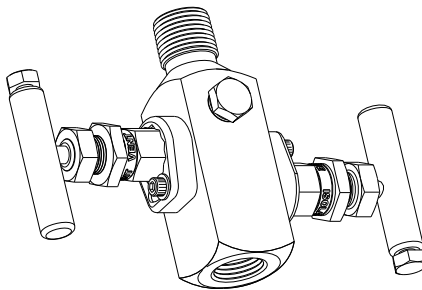
1/2" MNPT x 1/2" FNPT



1/2" MNPT x 1/2" MNPT

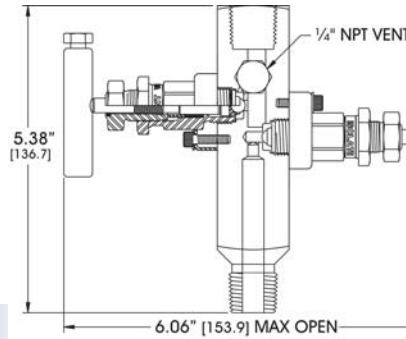


1/2" MNPT x 1/2" FNPT

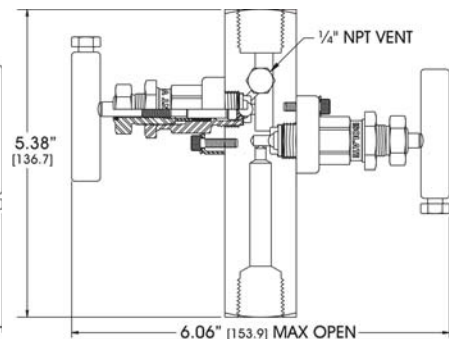


Body Style

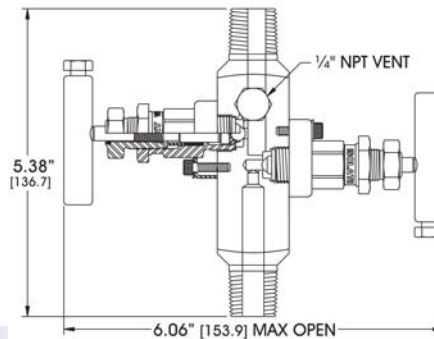
PV-570 Hard Seat



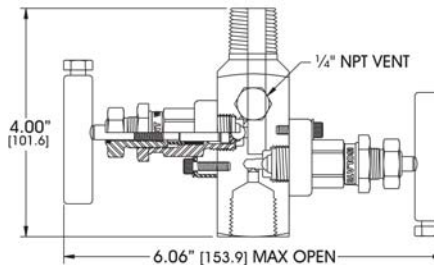
PV-626 Hard Seat



PV-612 Hard Seat



PV-614 Hard Seat

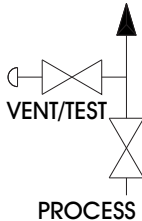


All drawings shown with P9 Pipe Plug Option.

Max Cv Ratings

ORIFICE SIZE	MAX Cv RATINGS
.187"	.53
Approximate Manifold Weight:	2.2 lbs. [1.00 kg] each [PV-570/626] 2.5 lbs. [1.13 kg] each [PV-612/614]

INSTRUMENT



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

Two-Valve Block & Bleed Manifolds

.187" ORIFICE

ASME B31.1 2500# CLASS

TWO-VALVE BLOCK & BLEED MANIFOLDS

ORDERING INFORMATION

BODY STYLE	BODY CODE	SEAT CODE	STEM PACKING CODE	OPTION CODES
Hard Seat				
PV-570			G -	
PV-612			G -	
PV-614			G -	
PV-626			G -	

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

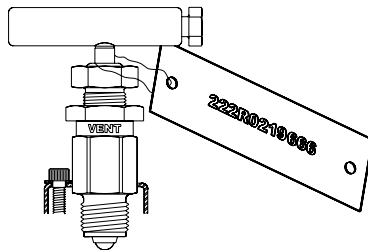
HARD SEAT CODE	
[Std.] Carbide Ball	C
Ceramic Ball	R
316 SS Ball	6
Stellite® Ball	S

STEM PACKING CODE	
Low-Torque™ Grafoil® Packed	G

OPTION CODE	OPTION DESCRIPTION
AM7	½" Male Pipe Socket Weld (Process Port)
P9	¼" Hex Head Pipe Plug in Vent/Test Port
WK	Paper Tag
W1	316 SS Tag (20 Characters)
Y	OS & Y Bonnet (All Locations)

Stainless Steel Tag Option

See Pages 26-28 for further details.



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

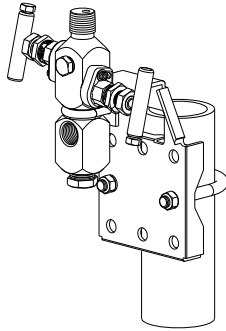
Two-Valve Versa-Mount Block & Bleed Manifolds

.187" ORIFICE

ASME B31.1 2500# CLASS

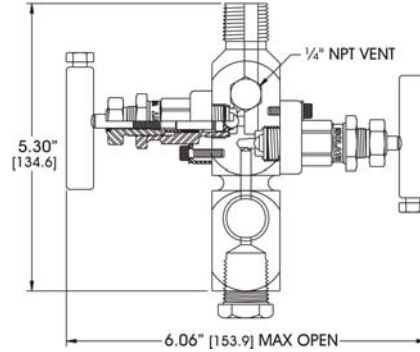
Description

(2) 1/2" FNPT x 1/2" MNPT

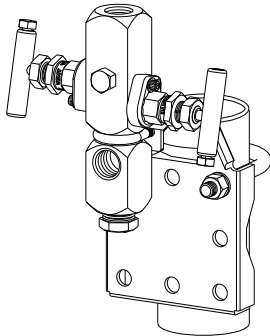


Body Style

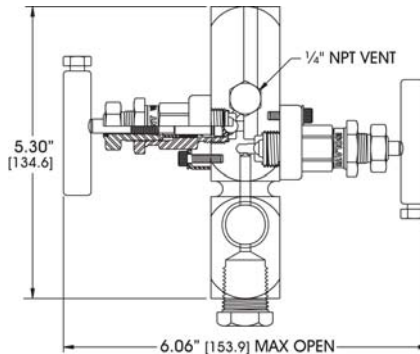
PV-620 Hard Seat



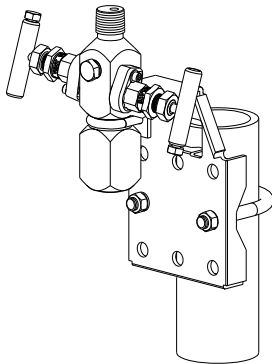
(2) 1/2" FNPT x 1/2" FNPT



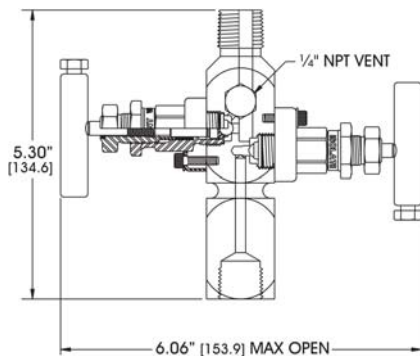
PV-622 Hard Seat



1/2" FNPT x 1/2" MNPT



PV-624 Hard Seat



All drawings shown with P9 Pipe Plug Option.

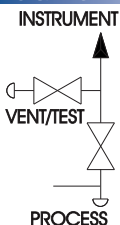
Max Cv Ratings

ORIFICE SIZE	MAX Cv RATINGS
.187"	.53
Approximate Manifold Weight:	4.0 lbs. [1.81 kg] each [PV-620/622/624]

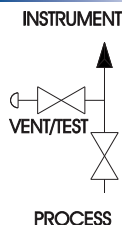
Materials of Construction

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

V-620 & V-622



V-624



Two-Valve Versa-Mount Block & Bleed Manifolds

.187" ORIFICE

ASME B31.1 2500# CLASS

TWO-VALVE VERSA-MOUNT MANIFOLDS

ORDERING INFORMATION

BODY STYLE	BODY CODE	SEAT CODE	STEM PACKING CODE		OPTION CODES			
Hard Seat								
P V - 6 2 0			G	-				
P V - 6 2 2			G	-				
P V - 6 2 4			G	-				

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

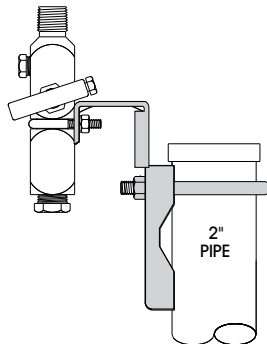
HARD SEAT CODE	
[Std.] Carbide Ball	C
Ceramic Ball	R
316 SS Ball	6
Stellite® Ball	S

STEM PACKING CODE	
Low-Torque™	G
Grafoil® Packed	

Versa-Mount Bracket Option

Shown with P9 Pipe Plug 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)
P9	1/4" Hex Head Pipe Plug in Vent/Test Port
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
WK	Paper Tag
W1	316 SS Tag (20 Characters)

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