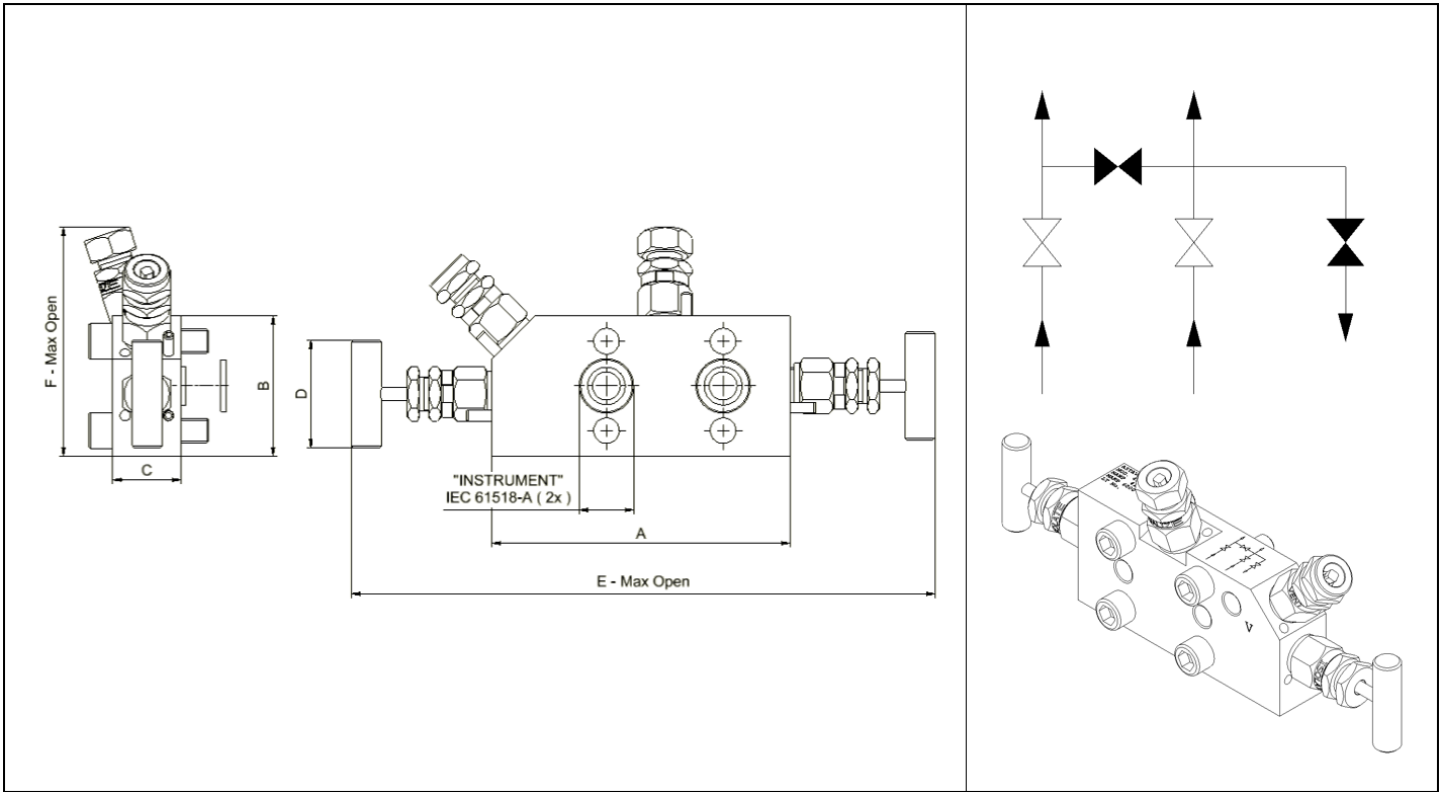


492 Series, Double Block/Equalize/Bleed, Female x Flange (IEC/DIN)



Conformance Standards

NACE MR0175 / ISO 15156, NACE MR0103 / ISO 17495

CRN (Canadian Registration Number) Approved/Registered

ASTM B31.3 Process Piping, ASTM B16.34 Valves - Flanged, Threaded, and Welded End

MSS-SP-99 (ANSI)

End Connections			
	Process Inlet Connection	Instrument Connection	Vent / Test
Standard	Female 1/2 NPT	Flange, IEC 61518-A	Female 1/4 NPT
Optional	Female 1/4, 3/8 NPT Female BSPP "G" Thread BW SW Custom	Flange, IEC 61518-B DIN 19213	Custom

Orifice	
Standard	5MM (0.197 in.)
Optional	Custom

Mounting	
Standard	Yes (M8-6H)
Optional	Available upon request Note that body dimensions may change as a result

Materials of Construction			
Body / Bonnet	Stem	Standard Stem Tip	Optional Stem Tip
316 / 316L	Kolsterised® 316 Ti	Non-Rotating Ball, Ceramic Al ₂ O ₃	Non-Rotating V-Tip, K-500
Monel® 400	Monel® K-500	Non-Rotating Ball, Ceramic Al ₂ O ₃	Non-Rotating V-Tip, K-500
Hastelloy® C-276	Hastelloy® C-276	Non-Rotating Ball, Ceramic Al ₂ O ₃	Non-Rotating V-Tip, C-276
Duplex® F-51	Duplex® F-51	Non-Rotating Ball, Ceramic Al ₂ O ₃	Non-Rotating V-Tip, F-51
Super Duplex® F-53	Super Duplex® F-53	Non-Rotating Ball, Ceramic Al ₂ O ₃	Non-Rotating V-Tip, F-53

Bonnet Styles / Packing Materials ¹				
Bonnet Style	Stem Packing	Pressure / 100°F (38°C)	Pressure / Min Temp	Pressure / Max Temp
Standard	PTFE (Packing)	6 kpsi (413 bar)	6 kpsi (413 bar)/-76°F (-60°C)	3 kpsi (200 bar)/446°F 230°C
	Viton® FKM (O-Ring)	6 kpsi (413 bar)	6 kpsi (413 bar)/-4°F (-20°C)	3 kpsi (200 bar) 392°F/ 200°C
	Grafoil (Packing)	6 kpsi (413 bar)	6 kpsi (413 bar)/-76°F (-60°C)	3 kpsi (200 bar)/752°F 400°C
	Custom	-	-	-
10,000 PSI	PTFE (Packing)	10 kpsi (690 bar)	10 kpsi (413 bar)/-76°F (-60°C)	3 kpsi (200 bar)/446°F 230°C
	Viton® FKM (O-Ring)	10 kpsi (690 bar)	10 kpsi (413 bar)/-4°F (-20°C)	3 kpsi (200 bar) 392°F/ 200°C
	Grafoil (Packing)	10 kpsi (690 bar)	10 kpsi (413 bar)/-76°F (-60°C)	3 kpsi (200 bar) / 400°C
	Custom	-	-	-
Fugitive Emissions Shell FET 77/312 ISO 15848-2 TA Luft	PTFE (Packing)	6 kpsi (413 bar)	6 kpsi (413 bar)/-76°F (-60°C)	3 kpsi (200 bar)/446°F 230°C
	Viton® FKM (O-Ring)	6 kpsi (413 bar)	6 kpsi (413 bar)/-4°F (-20°C)	3 kpsi (200 bar) 392°F/ 200°C
	Custom	-	-	-
Fire Safe API 607/BS 6755 Part 2	Supergraf Premier®	6 kpsi (413 bar)/-76°F (-60°C)	6 kpsi (413 bar)/-76°F (-60°C)	3,000 psi (200 bar) /842°F 450°C

Additional Options

Oxygen Clean per ASTM G-93

Anti-Tamper Bonnets

Locking Device Bonnets

Panel Mounting Bonnets

ASTM B31.1 Power Piping (Bolted Standard Bonnet)

Various Packing Materials Including: EPDM, PEEK™, Silicon Elastomer, etc.

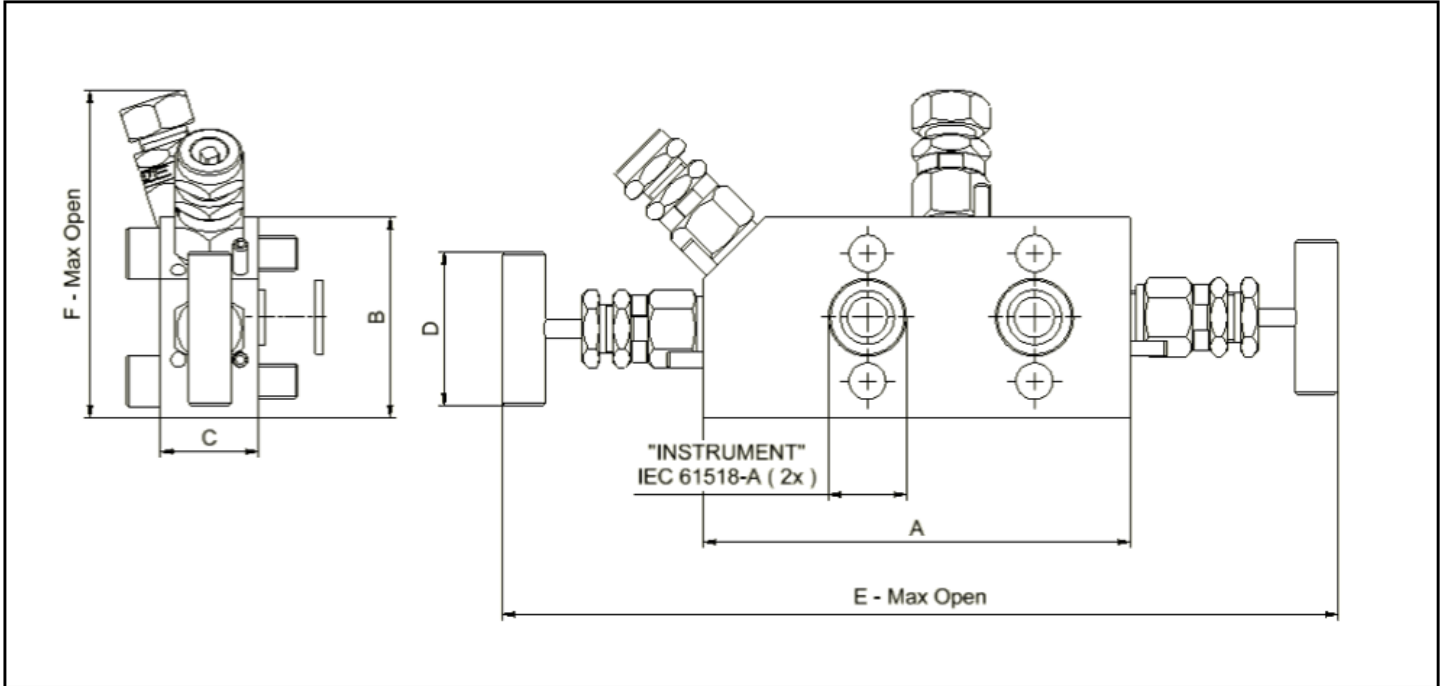
Various Body Construction Materials

Various End Connections Including: BSPT, Two Ferrule Integral connection, Single Ferrule Integral Connection

Footnotes

1. Packing material ratings based on manufacturer's specifications

Dimensional Measurements



End Connection Size	Pressure Rating	A		B		C		D		E		F	
		mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
1/4", 1/2", 3/8" - Flange (IEC 61518-A)	413 bar / 6 kpsi	138	5.43	65	2.56	32	1.26	50	1.97	270	10.63		

***Units of measure stated in millimeters followed by imperial inches in parenthesis

***Regarding BW and SW connections, pipe schedule is determined by MAWP

SHOW ME ALL OF THE BONNET STYLES AND HEIGHT DIMENSIONS