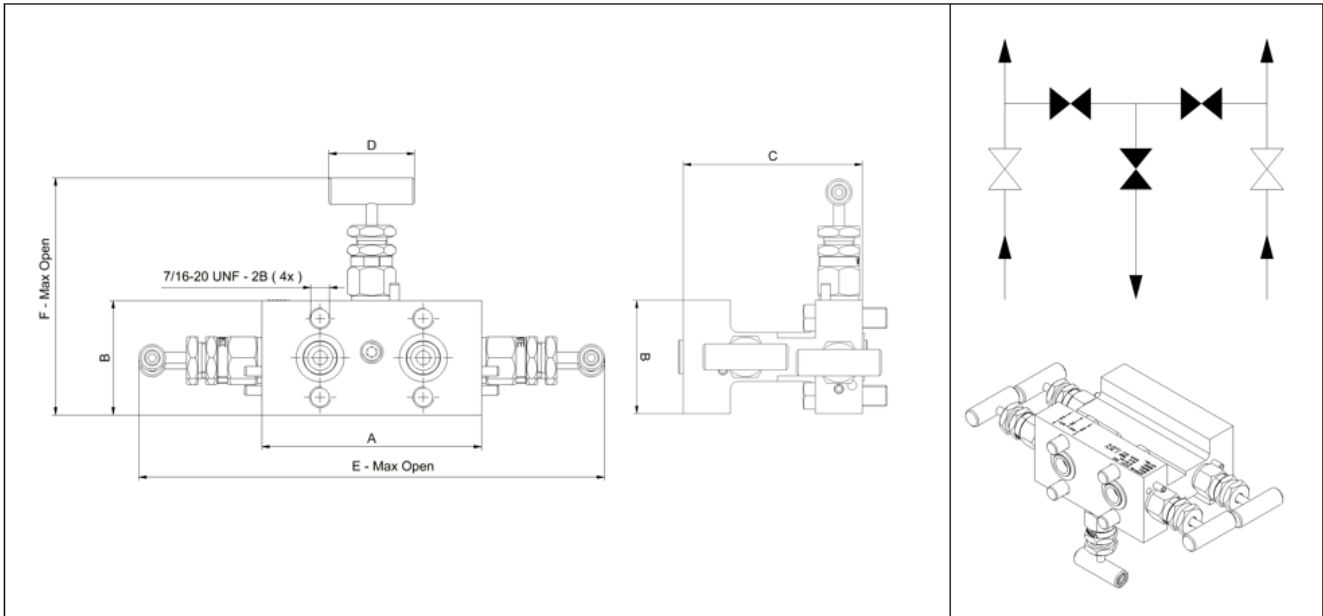


575 Series, Double Block/Equalize/Double Bleed, Flange x Flange (IEC/DIN)



| 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 | Flange, IEC 61518-A | Flange, IEC 61518-A | Female 1/4 NPT |
| Optional | Flange, IEC 61518-B DIN 19213 | Flange, IEC 61518-B DIN 19213 | Custom |

| Orifice | |
|----------|-----------------|
| Standard | 5MM (0.197 in.) |
| Optional | Custom |

| Mounting | |
|----------|--|
| Standard | No |
| Optional | Available upon request Note that body dimensions may change as a result |

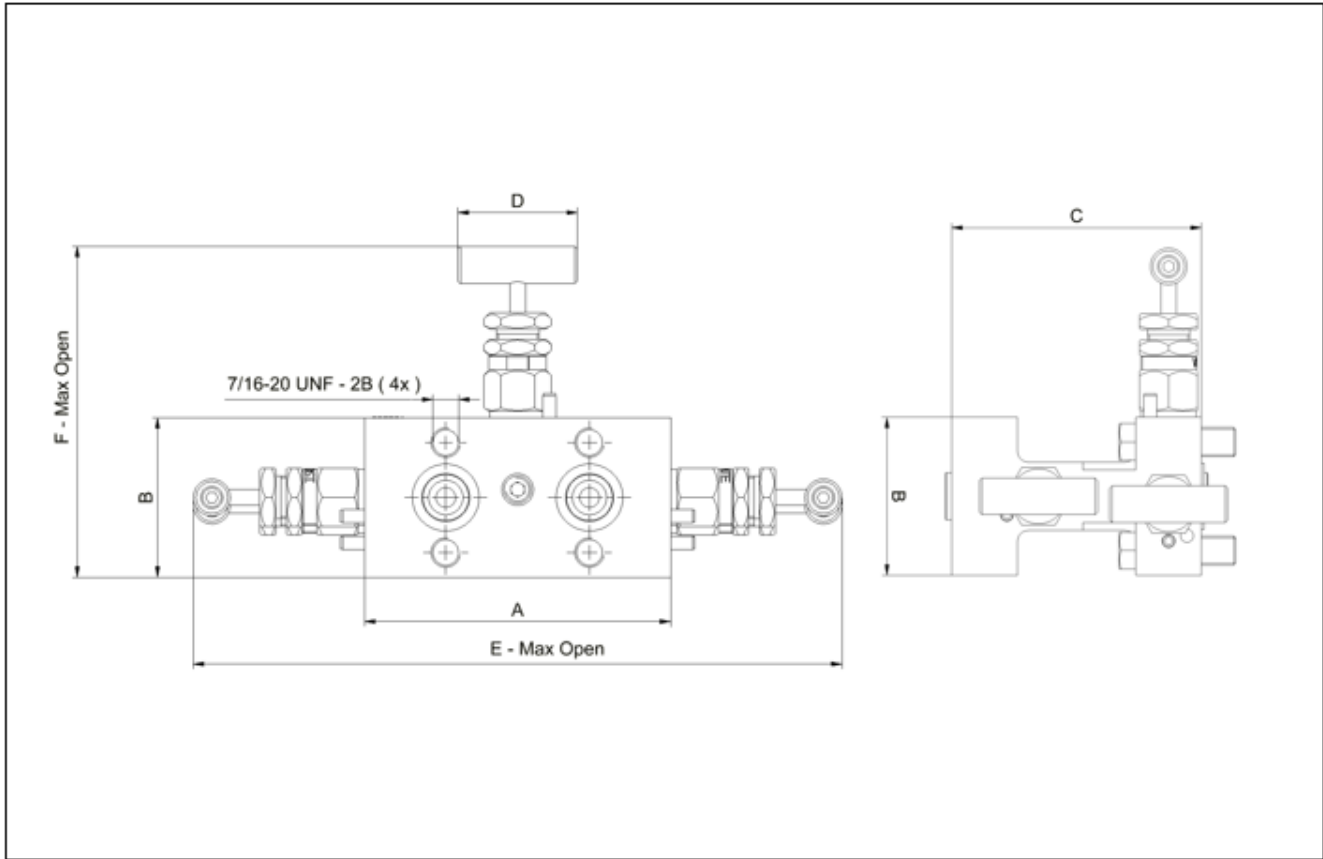
| Materials of Construction | | | |
|---------------------------|---------------------|---|---------------------------|
| Body / Bonnet | Stem | Standard Stem Tip | Optional Stem Tip |
| 316 / 316L | Kolsterised® 316 Ti | Non-Rotating Ball, Ceramic Al ₂ O ₃ | Non-Rotating V-Tip, K-500 |
| Monel® 400 | 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 |

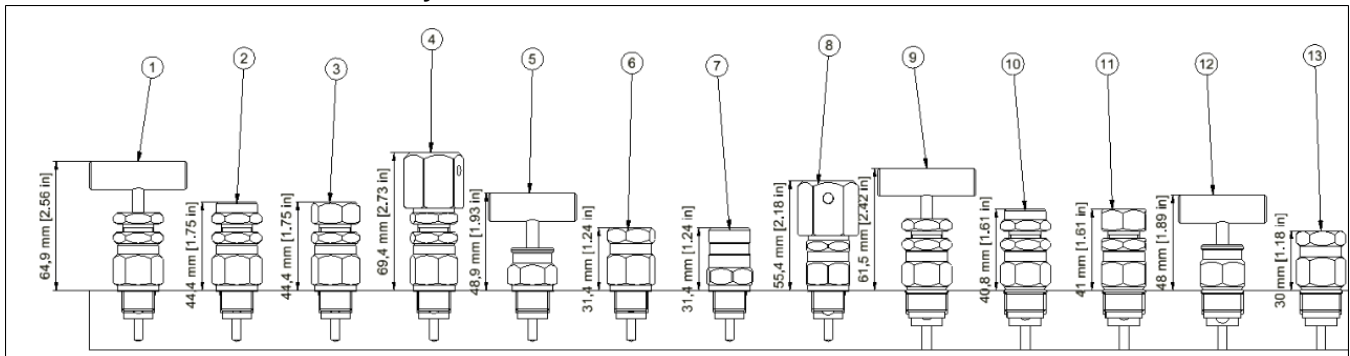
Sales Drawing / Dimensional Measurements



| End Connection Size | Pressure Rating | A | | B | | C | | D | | E | | F | |
|----------------------|------------------|-----|------|----|------|----|------|----|------|-----|------|-----|------|
| | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in |
| Flange (IEC 61518-A) | 413 bar / 6 kpsi | 115 | 4.53 | 60 | 2.36 | 95 | 3.74 | 45 | 1.77 | 244 | 9.61 | 124 | 4.88 |

*Drawing Upon Request

Refer to Bonnet Style Dimensional Reference List for Detailed Measurements



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Bonnet Style Dimensional Reference List

| Key | Bonnet Style | Max Height from Body |
|-----|---|----------------------|
| 1 | Standard Packing Bonnet | 2.56 in (64.9 mm) |
| 2 | Standard Packing Bonnet, Anti-Tamper Vent | 1.75 in (44.4 mm) |
| 3 | Standard Packing Bonnet, Anti-Tamper Equalize | 1.75 in (44.4 mm) |
| 4 | Standard Packing Bonnet, Anti-Tamper, Locking Device | 2.73 in (69.4 mm) |
| 5 | Standard O-Ring Bonnet | 1.93 in (48.9 mm) |
| 6 | Standard O-Ring Bonnet, Anti-Tamper Vent | 1.24 in (31.4 mm) |
| 7 | Standard O-Ring Bonnet, Anti-Tamper Equalize | 1.24 in (31.4 mm) |
| 8 | Standard O-Ring Bonnet, Anti-Tamper, Locking Device | 1.28 in (55.4 mm) |
| 9 | Fugitive Emissions Bonnet, Packing Style | 2.42 in (61.5 mm) |
| 10 | Fugitive Emission Bonnet, Packing Style, Anti-Tamper Vent | 1.61 in (40.8 mm) |
| 11 | Fugitive Emissions Bonnet, Packing Style, Anti-Tamper Equalize | 1.61 in (40.8 mm) |
| 12 | Fugitive Emissions Bonnet, O-Ring Style | 1.89 in (48.0 mm) |
| 13 | Fugitive Emissions Bonnet, O-Ring Style, Anti-Tamper Vent, Equalize | 1.18 in (30.0 mm) |

