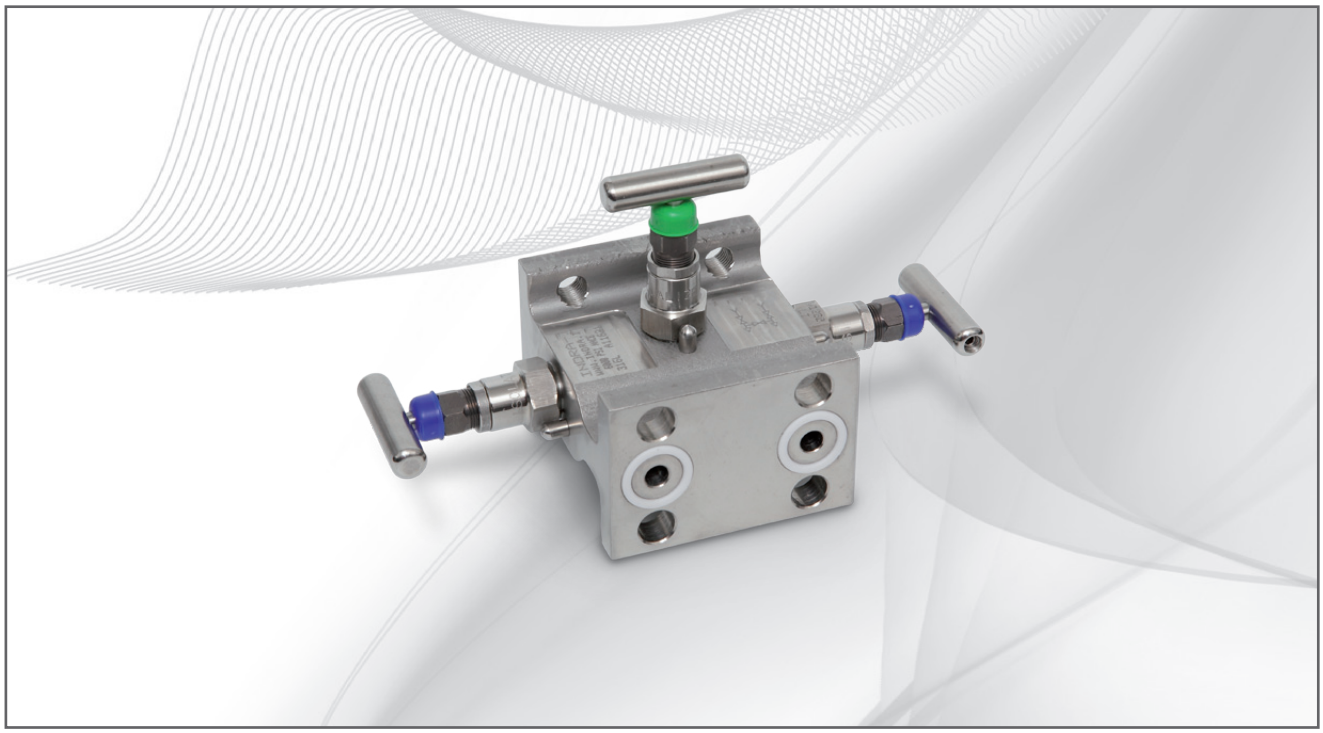
# Flanged 3 Valves Manifold - “H“ Type

## Mod. 322



### Applications:

Isolation of differential pressure, level, flow transmitters
Instrument direct mounting

### Connections:

Flanged instrument/process “H“ type

### Rating:

Standard: 6,000 PSI (420 bar)
Optional: 10,000 PSI (700 bar)

### Seals:

Standard: PTFE (T ≤ 200° C)
Optional: Graphite (T > 200° C)

### Features:

Non rotating trim
Bonnet locking pin
Dust cup
Easy operation

# Ordering Information

| Direct Model | |
|---|---|
| 322 | IN Centers: CL = 54 mm |

| Connections OUT | |
|---|---|
| F | Flanged CL = 54 mm |

| Seal Material | |
|---|---|
| T | PTFE |
| G | Graphite |

| 322 | - | F | F | - | L | - | T | - | * | * | * |
|---|---|---|---|---|---|---|---|---|---|---|---|

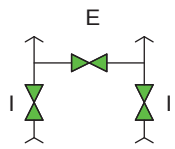
| Connections IN | |
|---|---|
| F | Flanged CL = 54 mm |

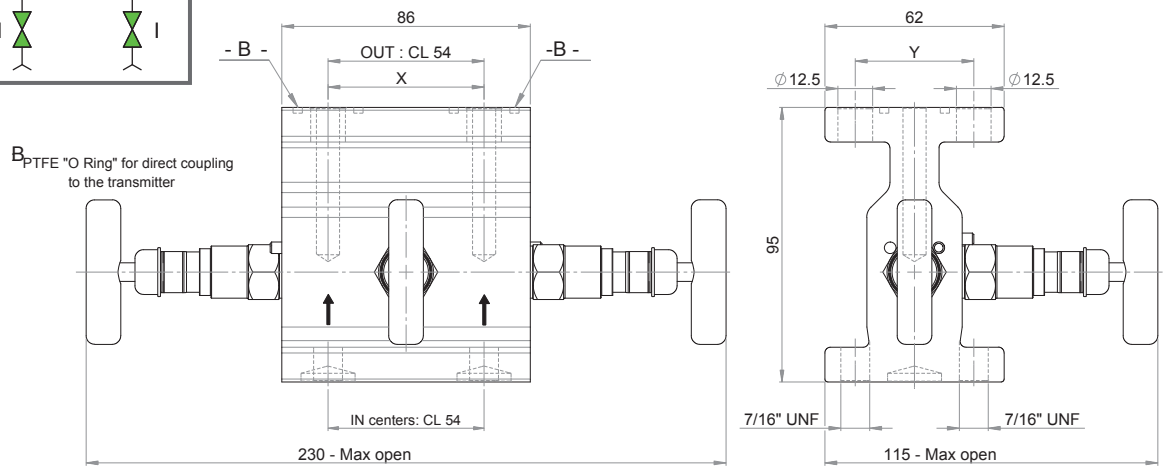
| Materials | |
|---|---|
| L | S.S. 316L |
| DL | S.S. 316 / 316L (Dual grade) |
| N | S.S. 316 Nace |
| C | C.S. A 105 |
| LF2 | C.S. A 350 LF2 |
| D | Duplex F51 |
| SD | Super-duplex |
| M | Monel 400 |
| X | On demand |

Options See Table

**Mod. 322**

**Flow Diagram**




FIXING HOLE CENTERS
X : 54 mm Y : 41.3 mm

Dimensions are in “mm” for reference only, and may be changed without notice.



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# Options

| -H | -L | -P | | | | | | Availability | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Needle Valves | Manifolds | Monoflanges | Ball Valves |
| **A** | Antitamper Actuator | | | | | | | ✓ | ✓ | ✓ | ✓ |
| **B** | Bolted Bonnet | | | | | | | ✓ | | ✓ | ✓ |
| **F** | Oval Flange | | | | | | | | ✓ | | |
| **G** | Graphite seals | | | | | | | ✓ | ✓ | ✓ | ✓ |
| **H** | Rating 10.000 PSI (2) | | | | | | | ✓ | ✓ | | |
| **K1** | Mechanical Electrical Contact | | | | | | | | | | ✓ |
| **K2** | Magnetic Electrical Contact | | | | | | | | | | ✓ |
| **KG** | Graphite bonnet seals replacement kit | | | | | | | ✓ | ✓ | ✓ | ✓ |
| **KT** | PTFE bonnet seals replacement kit | | | | | | | ✓ | ✓ | ✓ | ✓ |
| **L** | Locking Device | | | | | | | ✓ | | ✓ | ✓ |
| **O** | Oxygen Service | | | | | | | ✓ | ✓ | ✓ | ✓ |
| **P** | Padlock | | | | | | | ✓ | | ✓ | ✓ |
| **Q** | Quick Locking Device | | | | | | | ✓ | ✓ | ✓ | ✓ |
| **R** | Swivelling Fitting | | | | | | | ✓ | | ✓ | ✓ |
| **Y** | Bonnet O.S.&Y. | | | | | | | ✓ | | ✓ | ✓ |
| **TV** | Painting Treatment | | | | | | | ✓ | ✓ | ✓ | ✓ |
| **TF** | Phosphatization Treatment (1) | | | | | | | ✓ | ✓ | ✓ | ✓ |
| **TZ** | Zinc Plating Treatment (1) | | | | | | | ✓ | ✓ | ✓ | ✓ |
| **U45-V** | 7/16” UNF L=45 mm screws and nuts kit (2 screws - 2 nuts) for 2 valves manifold | | | | | | | | ✓ | | |
| **U75-2V** | 7/16” UNF L=75 mm screws and nuts kit (2 screws - 2 nuts) for 2 valves manifold | | | | | | | | ✓ | | |
| **U45-3/5V** | 7/16” UNF L=45 mm screws and nuts kit (4 screws - 4 nuts) for 3 and 5 valves manifold | | | | | | | | ✓ | | |
| **U75-3/5V** | 7/16” UNF L=75 mm screws and nuts kit (4 screws - 4 nuts) for 3 and 5 valves manifold | | | | | | | | ✓ | | |
| **W** | 2” Pipe bracket | | | | | | | | ✓ | | |
| **AT** | Atex Version | | | | | | | ✓ | ✓ | ✓ | ✓ |
| **GR** | Gost R Version | | | | | | | ✓ | ✓ | ✓ | ✓ |
| **FS** | Fire Safe Version | | | | | | | ✓ | ✓ | ✓ | ✓ |
| **TA** | Fugitive Emission TA-LUFT Version | | | | | | | ✓ | ✓ | ✓ | ✓ |
| **CRN** | CURRENT CRN COMPLIANCE FOR 10 CANADIAN PROVINCES | | | | | | | ✓ | ✓ | ✓ | ✓ |

(1) For carbon steel versions only.

(2) For flanged, BW, SW versions operating limits as for reference rules.

X = NOT CODED OPTION

For DB, SBB, DBB valves, repeat option code as many times as requested.
If you don’t find options you need, please feel free to contact our sales Department
Ex: mod. 739R-DD-S-T-A-A-A = 2 Block + 1 Bleed bonnet Anti-tamper

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# Options

| -H | -L | -P | | | | | | Availability | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Needle Valves | Manifolds | Monoflanges | Ball Valves |
| IDX | Vent Bottom Right | | | | | | | | ✓ | | |
| ISX | Vent Bottom Left | | | | | | | | ✓ | ✓ | ✓ |
| M | Monel Trim | | | | | | | ✓ | ✓ | ✓ | ✓ |
| SPC 1 | Special Marking - See descriptor | | | | | | | ✓ | ✓ | ✓ | ✓ |
| DIN 7756 | Inlet Special Insert 1/8" NPT-M x DIN 7756 VG 8 | | | | | | | ✓ | ✓ | ✓ | ✓ |
| 2.0515 /DN15 | Special DN15 marking requirement | | | | | | | ✓ | ✓ | ✓ | ✓ |
| 3-G-GR -CUTR | GOST & CU-TR Certificate | | | | | | | ✓ | ✓ | ✓ | ✓ |
| X | Not Coded Option | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |

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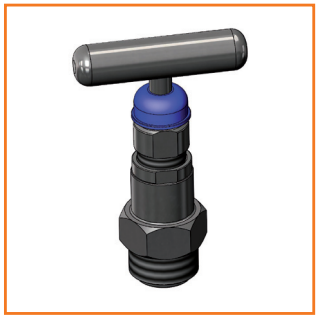
indra VALVES & CONTROLS ITALY

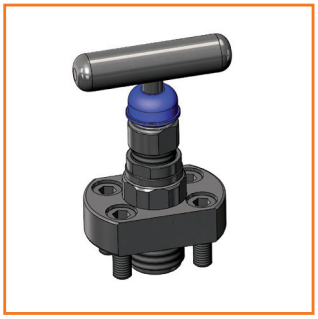
# Available Bonnet Styles

S.S. Dust Cap Bonnet

Original Bonnet



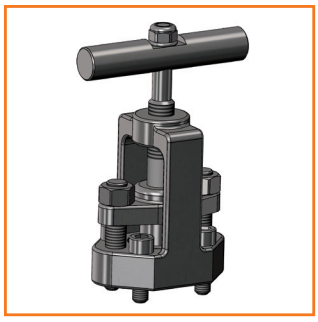
Bolted Bonnet



Anti-Tamper Bonnet

O.S.&Y. Bonnet with locking device

O.S.&Y. Bonnet



O.S.&Y. Bonnet

Standard Bonnet with locking device