

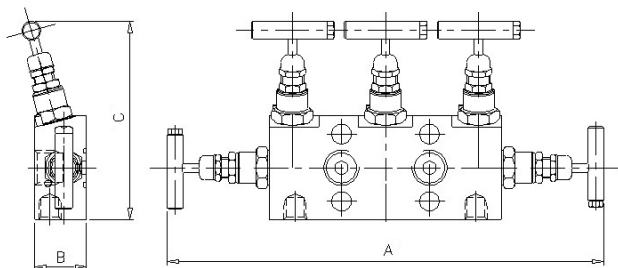


olivervalves

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Product Data Sheet

Y53 Type 5 Valve Manifold



The 'Y53' Type 5 valve manifolds are designed for direct mounting to differential pressure transmitters, with separate isolation and vent for LP and HP inlets plus equalising valve for simple calibration. Each needle valve head is designed for safe and reliable isolation, giving bubble tight shut off, with non-rotating & anti-galling tip and dynamic self-adjusting spindle seal to give long service life in a variety of service conditions.

| Part No. | Connections Size | A | B | C | Weight (Kgs) |
|----------|---------------------|------|-----|-----|-----------------|
| Y53 | 1/2" F x Flanged | 10.6 | 1.3 | 4.8 | 2.3 |

Key Features of the Oliver Needle Valve range

- Non rotating tip - self centering & anti-galling
- Piston ring - gives dynamic adjustment of gland seal in response to pressure change
- Anti-blow out spindle - a major safety feature
- Secure seal - precision machined to give leak free operation for the life of the valve. Available in either PTFE or Grafoil

Standard Specification

| | | | |
|---|------------------|--|---------------------|
| Pressure: 6000psi | Packing: PTFE | Handle: T-Bar | Bore: 0.21" (5.4mm) |
| Temp: 240 deg C | Thread form: NPT | Seat: Metal to metal | CV: 0.46 |
| 4 x 7/16" UNF bolts for mounting to transmitter | | 2 x PTFE/Grafoil seal rings for transmitter flange | |
| 1/2" Inlet Connections | | 1/4" NPT Vent Connections | |

Ordering Code

| | | | | | | | |
|--|--|-----|---|--|----|---|----|
| (Typical example) → | | Y53 | S | / | BT | / | AT |
| Type | | | | | | | |
| Y53 - Female x Flanged | | | | | | | |
| Material | | | | | | | |
| S - 316S31 Stainless Steel M - Monel (400) HC - Hastalloy (C276) (Others available) | | | | | | | |
| Optional Connections (NPT Standard) | | | | | | | |
| BT - BSP Taper BP - BSP Parallel (top sealing) BTV - BSP Taper Vent BPV - BSP Parallel Vent FSW - Female Socket Weld | | | | | | | |
| Options | | | | | | | |
| AG - Grafoil AT - Anti-Tamper BKTC - Carbon steel mounting bracket BKTS - Stainless steel mounting bracket HL - Handle Locking HL-PI - Handle Locking + Position Indicator HW - Hand Wheel LT100 - Cryogenic Head Unit (-100°C) LT200 - Cryogenic Head Unit (-200°C) | | | | MT - Metering Tip MTG - Tapped Mounting Holes x 2 NA - NACE MR-01-75 (latest revision) OXY - Oxygen Cleaned PK - PEEK Soft Tip PP - Blank Plug Fitted In Vent Connection SSB - Stainless steel transmitter mounting bolts (4800psi max pressure rating) | | | |