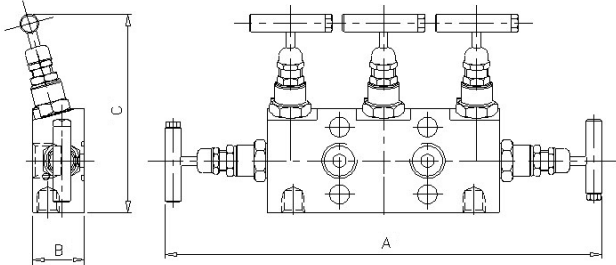




Product Data Sheet

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)