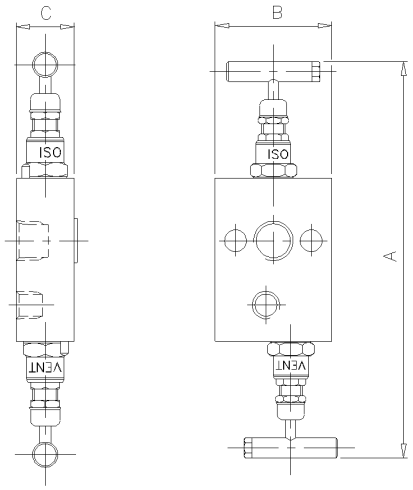
oliervalves
RELIABILITY UNDER PRESSURE

Product Data Sheet	Y24 and Y25 Type 2 Valve Manifold



The 'Y24' and 'Y25' Type 2-valve manifold is designed for direct mounting to static pressure transmitters. The separate vent valve gives full control of venting of the instrument, plus the ability to calibrate in-situ. 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)
Y24	½" F x FLANGE	8.5	2.5	1.2	1.4
Y25	FLANGE x FLANGE	8.5	2.5	1.2	1.4

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 graphite foil

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
2 x 7/16" UNF bolts for mounting to transmitter		1 x PTFE or graphite foil seal ring for transmitter flange	
1/2" Connection (on Y24)		1/4" NPT Vent Connection	

Ordering Code

(Typical example) →	Y24	S	/	BT	/	AT

Type

Y24 - Female x Flanged
Y25 - Flanged x Flanged

Material

S - 316S31 Stainless Steel
M - Monel (400)
HC - Hastalloy (C276)
(Others available)

Optional Connections (NPT Standard)

BT - BSP Taper (Y24 only)
BP - BSP Parallel (top sealing) (Y24 only)
BTV - BSP Taper Vent
BPV - BSP Parallel Vent
FSW - Female Socket Weld (Y24 only)

Options

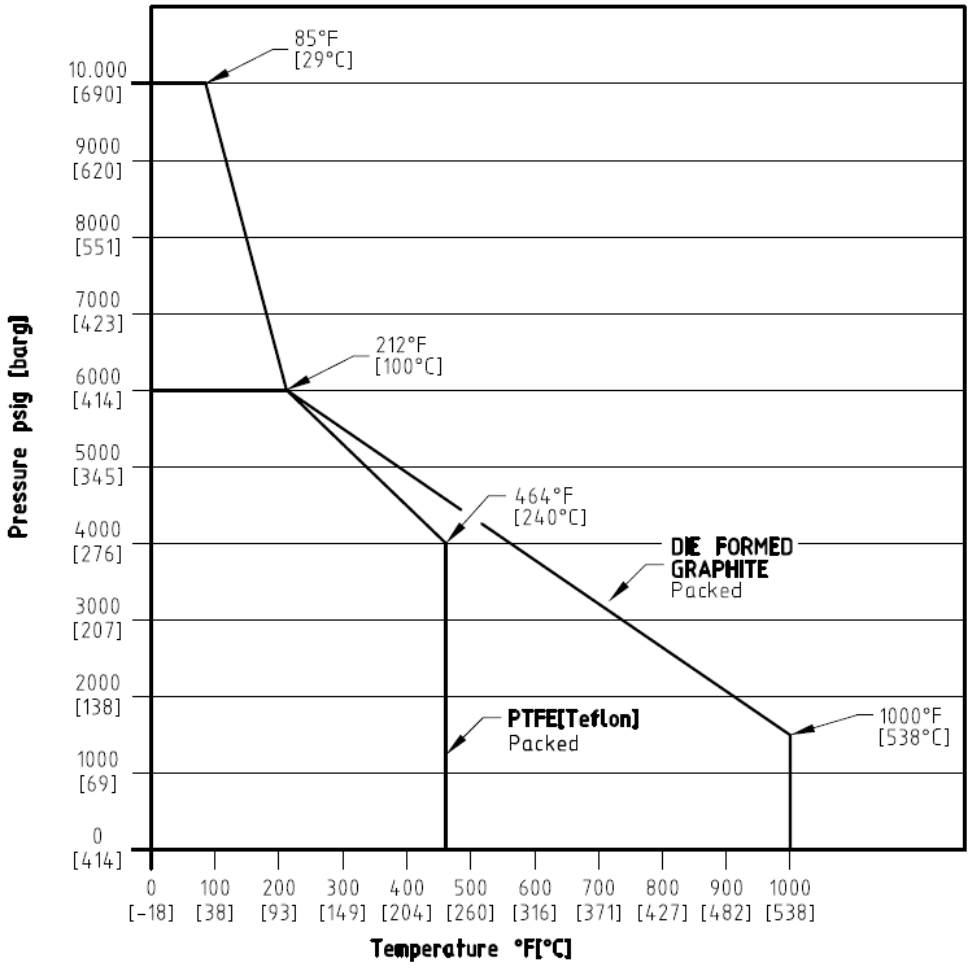
AG - Graphite Foil
AT - Anti-Tamper
BKTC - Carbon steel mounting bracket
BKTS - Stainless steel mounting bracket
HL - Handle Locking
HL-PI - Handle Locking + Position Indicator
HW - Hand Wheel
LT100 - Cryogenic Head Unit (-100°C)
MT - Metering Tip
MTG - Tapped Mounting Holes x 2
NA - NACE MR-01-75 (latest revision)
OXY - Oxygen Cleaned
PK - PEEK Soft Tip
PP - Blank Plug In Vent Connection
SSB - Stainless steel transmitter mounting bolts (4800 psi max pressure rating)

Rev 1.2

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Pressure vs. Temperature [Stainless Steel Standard Needle Valve]

DRN.	JSM	SCALE	NTS
CHK'D.	RM	DATE	10-2-98
DWG No.	9596		B

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