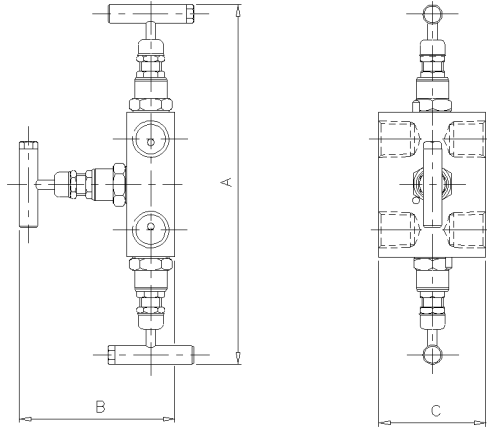


Product Data Sheet

Y33/YV33 Type 3 Valve Manifold



The 'Y33' and 'YV33' Type 3 valve manifolds are designed for remote mounting to differential pressure transmitters, with separate isolation 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) |
|----------|------------------|-----|-----|-----|--------------|
| Y33 | 1/2" F x F | 8.4 | 3.6 | 2.5 | 1.5 |
| YV33 | 1/2" F x F | 8.4 | 3.6 | 2.5 | 1.5 |

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 |
| 1/2" Inlet and Outlet Connections | | 1/4" NPT Plugged Vent Connection (on YV only) | |

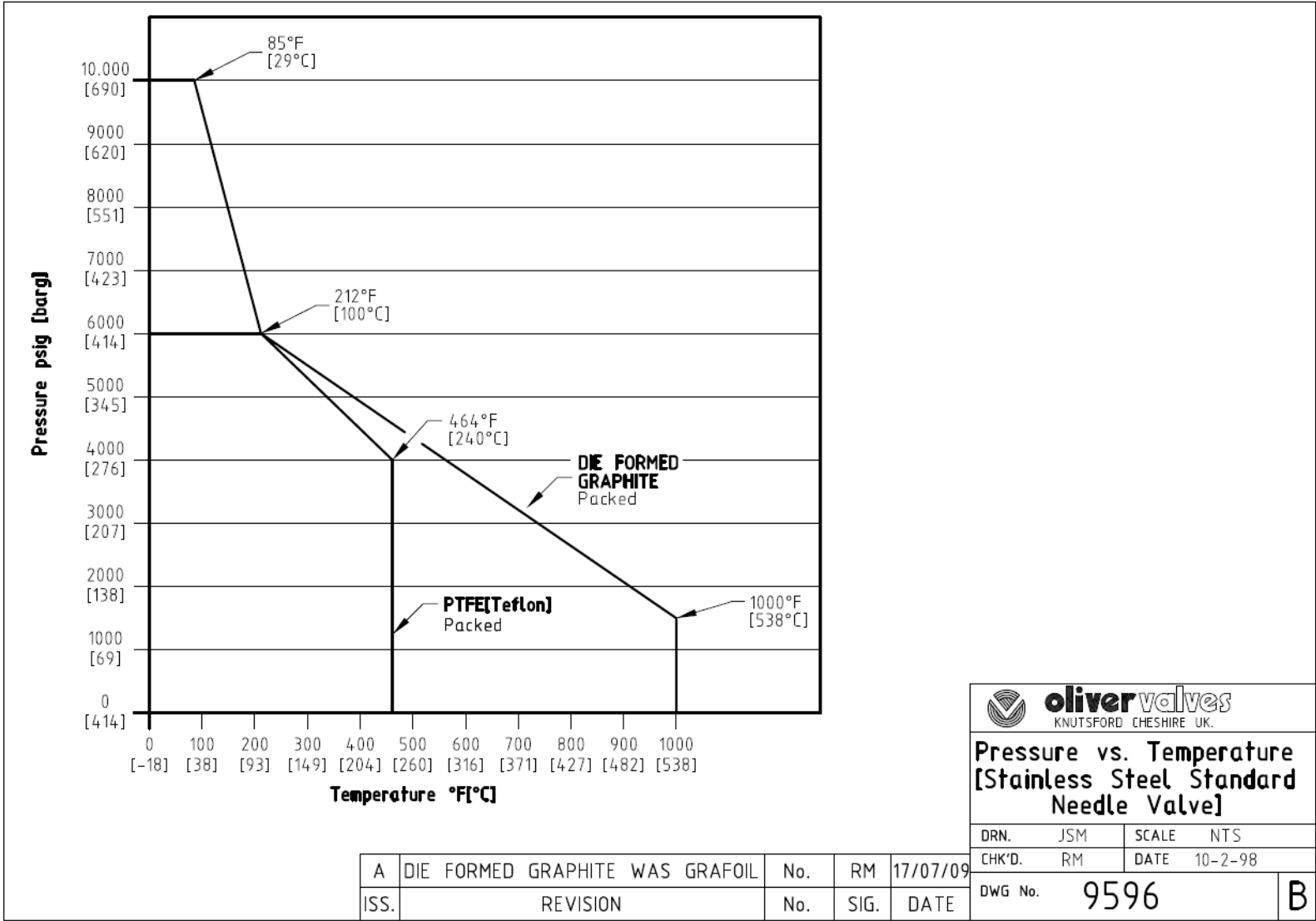
Ordering Code

| (Typical example) → | | Y33 | S | / | BT | / | AT |
|--|---|-----|---|---|----|---|----|
| Type | | | | | | | |
| | Y33 - Female x Female | | | | | | |
| | YV33 - Female x Female with vents | | | | | | |
| Material | | | | | | | |
| | S - 316S31 Stainless Steel | | | | | | |
| | M - Monel (400) | | | | | | |
| | HC - Hastalloy (C276) | | | | | | |
| | (Others available) | | | | | | |
| Optional Connections (NPT Standard) | | | | | | | |
| | BT - BSP Taper | | | | | | |
| | BP - BSP Parallel | | | | | | |
| | FSW - Female Socket Weld | | | | | | |
| 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 | | | | | | |
| | 2H - Straight through mounting holes | | | | | | |

Rev 1.2

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