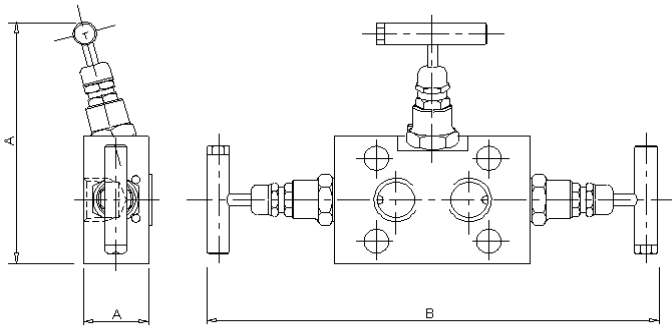


Product Data Sheet

Y34/YV34 Type 3 Valve Manifold



The 'Y34' and 'YV34' Type 3 valve manifolds are designed for direct 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)
Y34	1/2" F x FLANGE	4.7	8.75	1.2	1.5
YV34	1/2" F x FLANGE WITH VENT	4.7	9.25	1.2	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
4 x 7/16" UNF bolts for mounting to transmitter		2 x PTFE/graphite foil seal rings for transmitter flange	
1/2" Inlet Connections		1/4" NPT Plugged Vent Connection (YV34 only)	

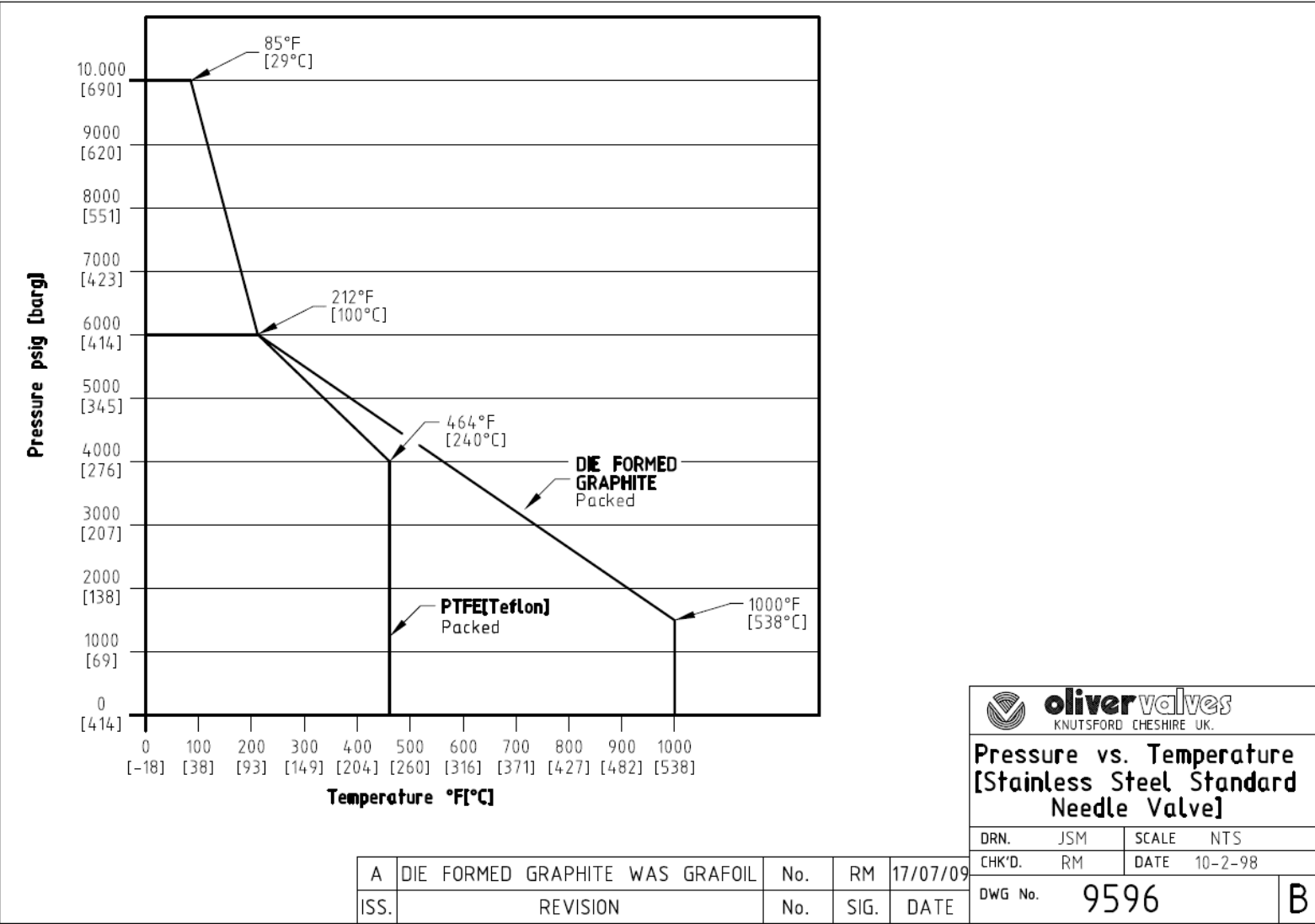
Ordering Code


	(Typical example) →	Y34	S	/	BT	/	AT
Type							
		Y34 - Female x Flanged					
		YV34 - Female x Flanged with vent					
Material							
		S - 316S31 Stainless Steel	HC - Hastalloy (C276)				
		M - Monel (400)	(Others available)				
Optional Connections (NPT Standard)							
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
 SSB - Stainless steel transmitter mounting bolts
 (4800 psi max pressure rating)

Rev 1.2



 oliver valves KNUTSFORD CHESHIRE UK.			
Pressure vs. Temperature [Stainless Steel Standard Needle Valve]			
DRN.	JSM	SCALE	NTS
CHK'D.	RM	DATE	10-2-98
DWG No.	9596		B

A	DIE FORMED GRAPHITE WAS GRAFOIL	No.	RM	17/07/09
ISS.	REVISION	No.	SIG.	DATE