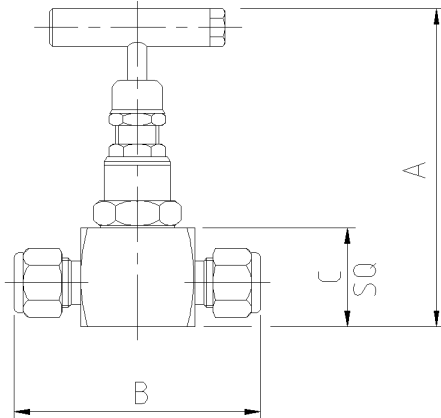


## Product Data Sheet

## BI Type Needle Valve



The 'BI' Type Single Isolating Needle Valve is designed for safe and reliable isolation giving bubble tight shut off, non-rotating & anti-galling tip and dynamic self-adjusting spindle seal to give long service life in a variety of applications.

Part No.	Connections Size	A	B	C	Weight (Kgs)
BI25	1/4" OD	3.6	1.9	1.1	0.3
BI38	3/8" OD	3.6	2.3	1.1	0.4
BI50	1/2" OD	3.6	2.3	1.1	0.4
BI6mm	6mm OD	3.6	1.9	1.1	0.3
BI10mm	10mm OD	3.6	2.3	1.1	0.4
BI12mm	12mm OD	3.6	2.3	1.1	0.4

### 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 Grafoil

### Standard Specification

Pressure: 6000psi	Packing: PTFE	Handle: T-Bar	Bore: 0.21" (5.4mm)
Temp: 240 deg C	Compression End	Seat: Metal to metal	CV: 0.46

### Ordering Code

(Typical example) →		BI	50	S	/	NF
<b>Type</b>	Bilock Compression Ends					
<b>Size</b>	25 - 1/4" OD      6mm - 6mm OD 38 - 3/8" OD      10mm - 10mm OD 50 - 1/2" OD      12mm - 12mm OD					
<b>Material</b>	S - 316S31 Stainless Steel M - Monel (400) HC - Hastalloy (C276) (Others available)					
<b>Options</b>	AG - Grafoil AT - Anti-Tamper HL - Handle Locking HL-PI - Handle Locking + Position Indicator HW - Hand Wheel LT100 - Cryogenic Head Unit (-100°C) MT - Metering Tip MTG - Mounting Holes x 2 NA - NACE MR-01-75 (latest revision) NF - Nuts and Twin Ferrules included OXY - Oxygen Cleaned PK - PEEK Soft Tip PM - Panel Mount					