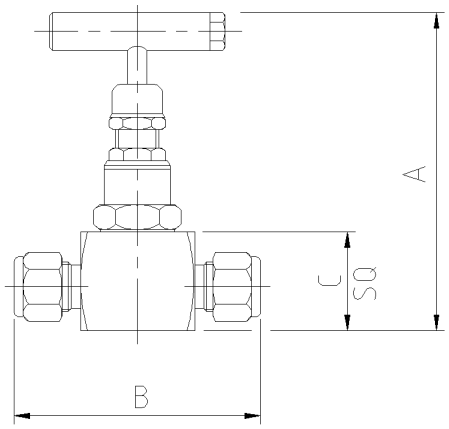
oliver valves
RELIABILITY UNDER PRESSURE

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

Type

Bilock Compression Ends

Size

25 - 1/4" OD
38 - 3/8" OD
50 - 1/2" OD
6mm - 6mm OD
10mm - 10mm OD
12mm - 12mm OD

Material

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

Options

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

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