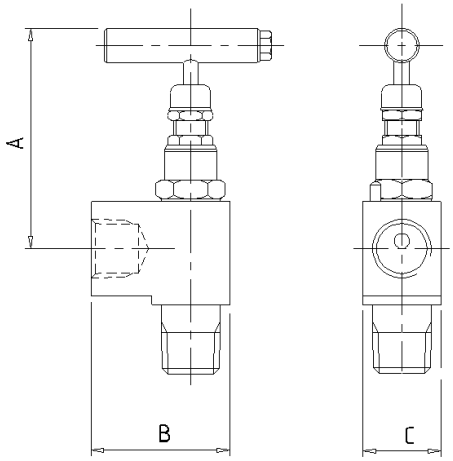
oliervalves
RELIABILITY UNDER PRESSURE

Product Data Sheet	A Type Needle Valve



The 'A' 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 a long service life in a variety of applications.

Part No.	Connections Size	A	B	C	Weight (Kgs)
AF25	1/4"	3.0	1.5	1.1	0.4
AM25	1/4"	3.0	1.5	1.1	0.4
AF50	1/2"	3.0	2.0	1.1	0.5
AM50	1/2"	3.0	2.0	1.1	0.5

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 Grafoil

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

Ordering Code

(Typical example) →	AF	50	S	/	NA

Type

AF - Female x Female
AM - Male x Female

Size

25 - 1/4"
50 - 1/2"

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
HP - 10000 psi
HW - Hand Wheel
LT100 - Cryogenic Head Unit (-100°C)
LT200 - Cryogenic Head Unit (-200°C)
MT - Metering Tip
NA - NACE MR-01-75 (latest revision)
OXY - Oxygen Cleaned
PK - PEEK Soft Tip
PM - Panel Mount

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