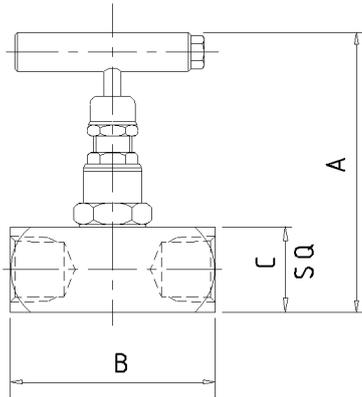


Product Data Sheet

F Type Needle Valve



The 'F' 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)
F25	1/4"	3.6	2.1	1.1	0.5
F38	3/8"	3.6	2.4	1.1	0.5
F50	1/2"	3.6	2.6	1.1	0.5
F75	3/4"	4.0	2.9	1.5	0.8
F10	1"	4.5	3.2	2.0	1.4

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	Thread form: NPT	Seat: Metal to metal	CV: 0.46

Ordering Code

(Typical example) →		F	50	S	/	BT	/	AT
Type								
Female x Female								
Size								
25 - 1/4"	75 - 3/4"							
38 - 3/8"	10 - 1"							
50 - 1/2"								
Material								
S - 316S31 Stainless Steel								
C - 220M07 Carbon Steel								
M - Monel (400)								
HC - Hastalloy (C276)								
(Others available)								
Optional Connections (NPT Standard)								
BT - BSP Taper								
BP - BSP Parallel (top sealing)								
SW - Socket Weld								
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)								
MT - Metering Tip								
MTG - Mounting Holes x 2								
NA - NACE MR-01-75 (latest revision)								
OXY - Oxygen Cleaned								
PK - PEEK Soft Tip (not available oxygen cleaned)								
PM - Panel Mount								

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