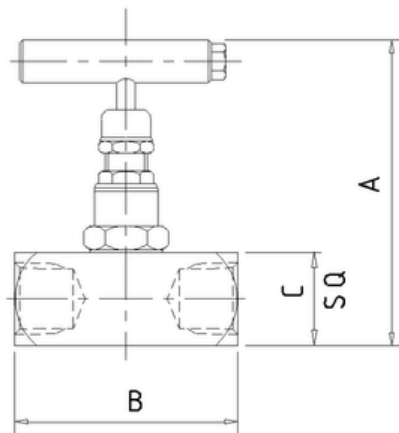


Female F-Type Needle Valve



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"	3.6	2.9	1.5	0.8
F10	1"	3.6	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 - 230M07 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		LT200 - Cryogenic Head Unit (-200°C)					
AT - Anti-Tamper		MT - Metering Tip					
HL - Handle Locking		MTG - Mounting Holes x 2					
HL PI - Handle Locking + Position Indicator		NA - NACE MR-01-75 (latest revision)					
HP - 10000 psi		OXY - Oxygen Cleaned					
HW - Hand Wheel		PK - PEEK Soft Tip (not available oxygen cleaned)					
LT100 - Cryogenic Head Unit (-100°C)		PM - Panel Mount					