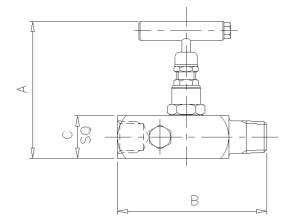


Product Data Sheet

GV Type Needle Valve



The 'GV' Type Gauge Vent Needle Valve is designed for safe and reliable isolation, giving bubble tight shut off, with non-rotating & anti-galling tip and dynamic selfadjusting spindle seal to give long service life in a variety of applications. The additional ability to bleed the gauge cavity to atmosphere and also connect a calibration device, via a ¼" NPT female connection, is included.

Part No.	Connections Size	Α	В	С	Weight (Kgs)
GV1F	1⁄2"	3.6	3.1	1.1	0.5
GV1M	1⁄2"	3.6	3.9	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		
1/2" Inlet / Outlet Connections		1/4" NPT Bleed Connection (Plugged)			

Ordering Code

(Typical example) \rightarrow	GV1F	S	1	BT	1	AT
Туре						
GV1F - Female x Female GV1M - Male x Female						
Material						
S - 316S31 Stainless Steel M - Monel (400) HC - Hastalloy (C276) (Others available)						
Optional Connections (NPT Standa	ard)					
BT - BSP Taper BP - BSP Parallel (top sealing) BW-SCH*** - Butt weld (Schedule ***)						
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) OXY - Oxygen Cleaned PK - PEEK Soft Tip (not available oxygen cleaned)

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