

Data Sheet

Gauge Valve - V01 Series

FEATURES

- Isolates process from instrument assembly
- 316L Stainless steel construction
- Externally adjustable gland
- Reinforced gland body protection
- Blowout protection
- Non-rotating needle provides bubble tight shut-off

TYPICAL USES

- Oil & gas industry
- Chemical industry
- Power plants



V01 Series
1-Valve Manifold

SPECIFICATIONS

Process Conn:	1/2 NPTM, 1/2 NPTF
Instrument Conn:	1/2 NPTF
Construction:	316L Stainless steel
Max Pressure	
Rating:	6000 psi (414 bar) at 100°F (38°C)

COMPONENTS

MATERIAL

Wetted

Body	316L Stainless steel
Gland body	316L Stainless steel
Spindle	316L Stainless steel
Needle tip	316L Stainless steel
Washer	316L Stainless steel
Gland seal	PTFE
Plug 1/4 NPT (M) (style B only)	316L Stainless steel

Non-Wetted

Gland retainer	304 Stainless steel
Check nut	304 Stainless steel
Handle	304 Stainless steel
Lock pin	304 Stainless steel
Dust cap	P.V.C.

- PTFE Packing
- Dust cap protects internals from contaminants
- 1/4 NPT Vent port with pipe plug

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ORDERING CODE

Example:	04	V01	1VA	SS	50	XP7
Process Connection						
04 - ½ NPT Male	04					
50 - ½ NPT Female						
Series Code						
V01 - Valve		V01				
Version						
1VA - 1 Valve style A			1VA			
Material						
SS - 316 Stainless steel				SS		
Instrument Connection						
50 - ½ NPT Female					50	
Options						
HY - Hydrostatic testing						
NH - Stainless steel tag						
P7 - Compliance with power piping ASME B31.1						
						XP7

DIMENSIONS in [] are millimeters

For reference only, consult Ashcroft for specific dimensional drawings

