

## 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.

### Key Benefits

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

## Gauge Valve -V01 Series

### Ordering Code

Example:	04	V01	1VA	SS	50	XP7
<b>Process Connection</b>						
04 - ½ NPT Male	04					
50 - ½ NPT Female						
<b>Series Code</b>						
V01 - Valve		V01				
<b>Version</b>						
1VA - 1 Valve style A			1VA			
1VB - 1 Valve Style B (with vent plug)						
<b>Material</b>						
SS - 316 Stainless steel				SS		
<b>Instrument Connection</b>						
50 - ½ NPT Female					50	
<b>Options</b>						
<b>Tags</b>						
NH - Stainless steel tag wired to valve						
<b>Testing/Certificates</b>						
HY - Pneumatic/Hydrostatic testing						
MQ - Positive material identification						
C3 - Material traceability report per EN 10204.2004 3.1						
1H - Pneumatic/Hydrostatic testing of assemblies						
<b>Other</b>						
P7 - Compliance with power piping ASME B31.1						XP7
<b>Assembly Codes</b>						
E8 - Instrument Assembly: Instrument/Snubber/Seal/Valve						
F4 - Instrument Assembly: Instrument/Diaphragm Seal/Valve						
Q5 - Instrument Assembly: Instrument/Accessory/Valve						
5G - Valve attached to instrument						

### Dimensions in [ ] are millimeters

For reference only, consult Ashcroft for specific dimensional drawings

