

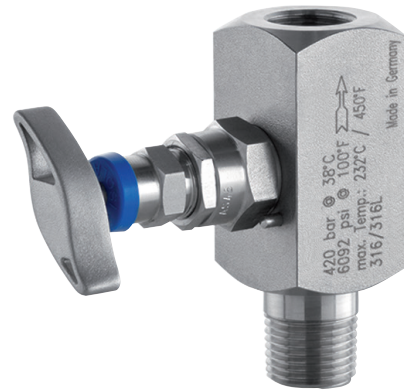
# Gauge Valve - V02 Series

## Features

- Isolates process from instrument assembly
- 316L Stainless steel construction

## Typical Uses

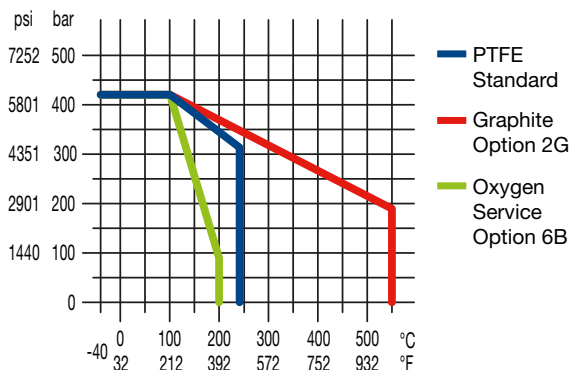
- Oil & Gas Industry
  - Upstream: Onshore/offshore production
  - Midstream: Transport, storage and natural gas compression
  - Downstream: Refineries and petrochemical industries
- Chemical Industry
- Power Plants
  - Conventional power plants
  - Nuclear power plants
  - Flue gas desulfurization plants
- Other Industries
  - Waste incineration plants
  - Seawater desalination plants
  - Steel mills
  - Cement plants



Style A

## SPECIFICATIONS

Process Connection:	½ NPTM, ½ NPTF (other sizes available upon request)
Instrument Connection:	½ NPTF
Construction:	316L Stainless steel
Max. Pressure Rating	6,092 psi at 140 °F (60 °C) more details, check chart below
Max. Temperature Rating for:	
PTFE	450 °F (232 °C)
Graphite	1022 °F (550 °C)
Oxygen service	392 °F (200 °C)
Min. Temperature Rating for:	
PTFE	-40 °F (-40 °C)
Graphite	-40 °F (-40 °C)



## Key Benefits

- Available for oxygen service
- PTFE Packing (other materials available upon request)
- Stem with cold rolled surface, back seat and non-rotating needle tip
- Supplied with wetted parts according to NACE MR0175/MR0103 (CD-5 Certificate)
- Material traceability reports available per EN 10204 3.1

COMPONENTS	MATERIAL
<b>Wetted</b>	
Body	316L Stainless steel
Valve stem	316L Stainless steel
Needle tip	316Ti Stainless steel
Packing	PTFE up to 232 °C
Gland nut	304 Stainless steel
<b>Non-Wetted</b>	
Bonnet	316 Stainless steel
T-handle	Stainless steel

## Contact Us

1.800.328.8258  
ashcroft.com

All specifications are subject to change without notice. All sales subject to standard terms and conditions.

Ashcroft® and Trust the Shield® are trademarks of Ashcroft Inc. For more information, see [Ashcroft Brands & Trademarks](#)

©2026 Ashcroft Inc. M1\_V02\_acc\_ds\_RevE\_14-May-26

## Gauge Valve - V02 Series

### Ordering Code

Example:	04	V02	1V	A	SS	50	XC3
<b>Process Connection</b>							
04 - ½ NPT Male	04						
50 - ½ NPT Female							
<b>Series Code</b>							
V02 -Valve		V02					
<b>Valves</b>							
1V - 1 Valve			1V				
<b>Version</b>							
A-Style A (without vent plug)				A			
B-Style B (with vent plug)							
<b>Material</b>							
SS - 316L Stainless steel					SS		
<b>Instrument Connection (more sizes available on request)</b>							
50 - ½ NPT Female						50	

### Options

#### Tags

NH - Stainless steel tag wired to valve

#### Testing/Certificates

HY - Pneumatic/Hydrostatic testing

MQ - Positive material identification

C3 - Material traceability report per EN 10204.2004 3.1

C3

1H - Pneumatic/Hydrostatic testing of assemblies

#### Special Cleaning

6B - Cleaned for gaseous oxygen service

6W - Cleaned for gases other than oxygen

#### Assembly Codes

E8 - Instrument Assembly: Instrument/Snubber/Diaphragm Seal/Valve

F4 - Instrument Assembly: Instrument/Diaphragm Seal/Valve

Q5 - Instrument Assembly: Instrument/Accessory/Valve

5G - Valve attached to instrument

#### Other

P7 - Compliance with power piping ASME B31.1

2G - Graphite bonnet for high temperatures

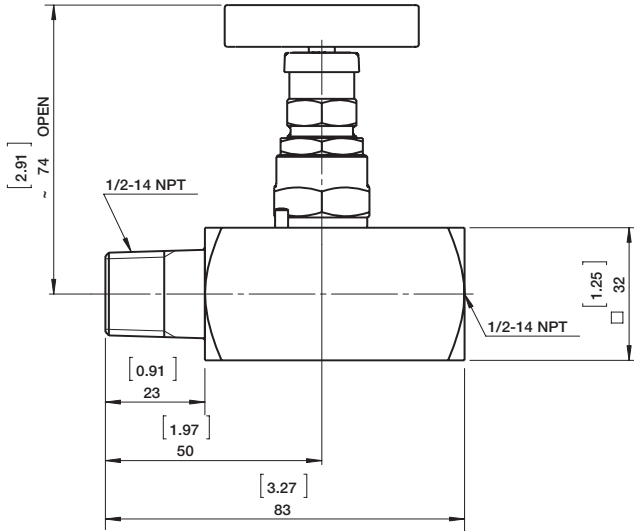
#### Certification (miscellaneous charges not included within model code)

CD-5 - Certificate according to NACE for Oilfields MR0175/ISO 15156-2009 and for Refineries MR0103-2010

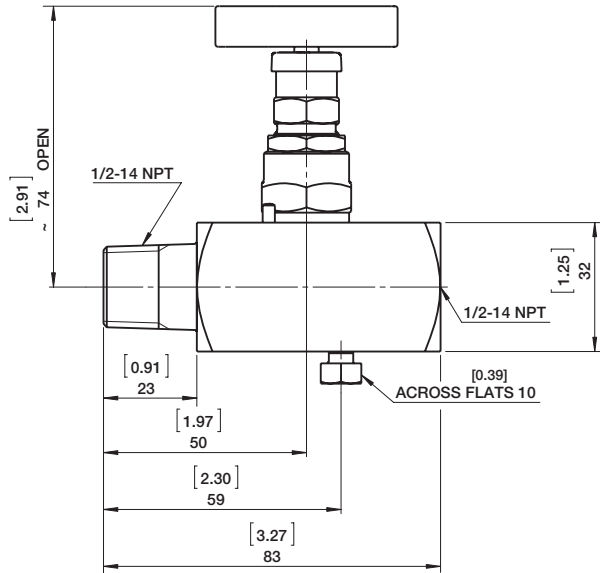
# Gauge Valve - V02 Series

## Dimensions

For reference only, consult Ashcroft for specific dimensional drawings



Style A



Style B