

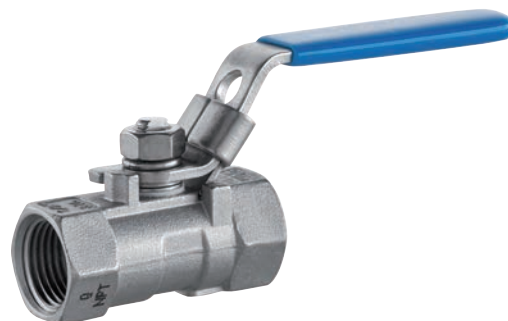
## Low Pressure Ball Valve - V02 Series

### FEATURES

- Floating ball design provides bi-directional isolation
- PTFE Packing (other materials available upon request)
- Anti-blowout stem design
- Supplied with wetted parts according to NACE MR0175/MR0103
- 316 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



- 90° turn opens or closes valve quickly
- 10mm bore hole

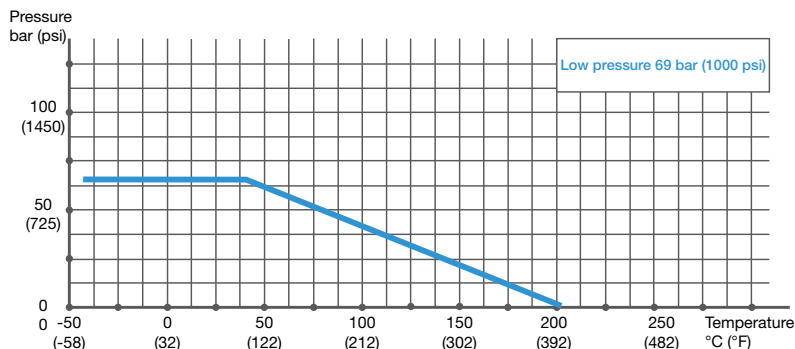
### SPECIFICATIONS

Process Connection:	1/2 NPT Male Style B 1/2 NPT Female Style C 1/2 NPT Female
Instrument Connection:	1/2 NPT Female
Construction:	316 Stainless Steel
Max. Pressure Rating (PTFE):	69 bar at 40°C 1000 psi at 104 °F
Max. Temperature Rating (PTFE):	200°C at 0 bar / atmospheric pressure
Min. Temperature Rating:	PTFE and Graphite Packing -40°C (-40°F)

### COMPONENTS

### MATERIAL

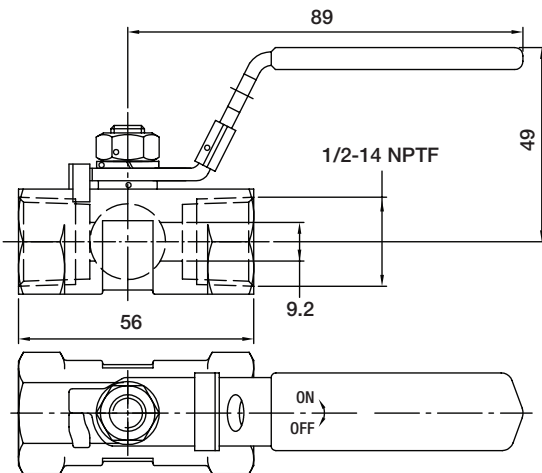
<b>Wetted</b>	
Body	316L
Cap	316L
Ball	316L
Stem	316
Ball seat	PTFE
Thrust washer	PTFE
Packing	PTFE
<b>Non-Wetted</b>	
Washer	304
Spring washer	304
Hex nut	304
Handle	304
Handle grip	Vinyl
Locking plate	304



## Data Sheet

### Low Pressure Ball Valve - V02 Series

#### DIMENSIONS



ORDERING CODE Example		50	V02	BV	B	SS	50	C3
<b>Process Connection</b>								
(50)	1/2 NPT Female	50						
<b>Series Code</b>								
(V02)	Valve Series V02		V02					
<b>Valves</b>								
(BV)	Ball Valve			BV				
<b>Version</b>								
(B)	Low Pressure Ball Valve				B			
<b>Material</b>								
(SS)	Stainless steel 1.4404 (316L)					SS		
<b>Instrument Connection</b>								
(50)	1/2 NPT Female						50	
<b>Options</b>								
(C3)	Material Traceability Report acc. to EN 10204 3.1							C3
(CD5)	Certificate according to NACE for Oilfields MR0175/ISO 15156-2009 and for Refineries MR0103-2010							
(MQ)	Positive Material Identification (PMI-Test)							
(HY)	Hydrostatic Testing							
(6B)	Cleaned for Oxygen Service							
(NH)	Stainless Steel Tags							

