

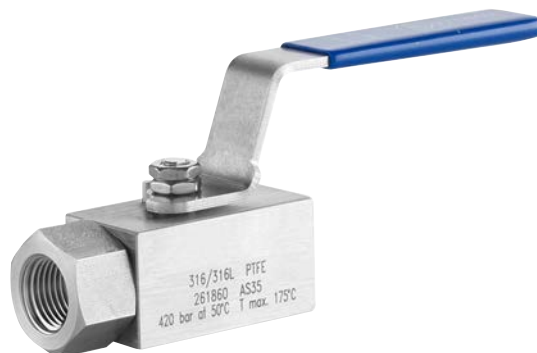
## High Pressure Ball Valve - V02 Series

### 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

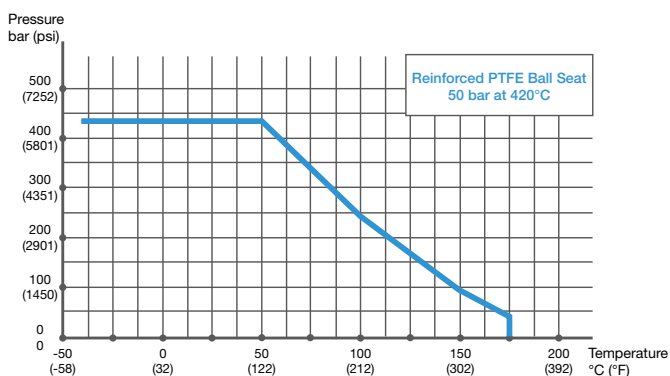
- Oil & Gas Industry
  - Upstream: Onshore/offshore production
  - Midstream: Transport, storage and natural gas compression
  - Downstream: Refineries and petrochemical industries
- Chemical Industry
- Power Plants
  - Conventional power plants
  - Nuclear power plants
  - Flue gas desulfurization plants
- 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	420 bar at 50 °C (6092 psi at 122 °F) more details, check chart below
Max. Temperature Rating for:	
Reinforced PTFE	175 °C (347 °F)
Min. Temperature Rating for:	
PTFE	-40°C (-40 °F)



### COMPONENTS

### MATERIAL

#### Wetted

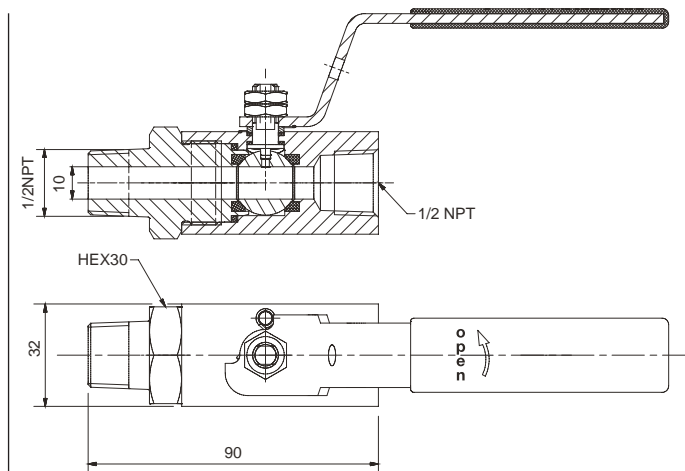
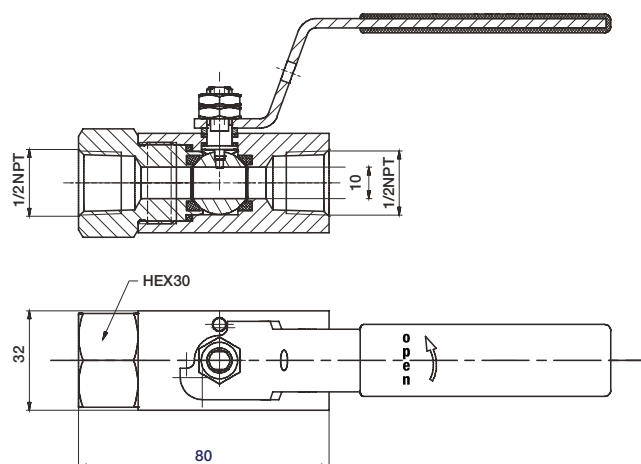
Body	316/316L
Body end connector	316/316L
Ball	316/316L
Stem	316/316L
Ball seat	PTFE
Body seals	PTFE
Stem seals	PTFE

#### Non-Wetted

Gland	316
Hex nut	316
Handle	316
Handle grip	Vinyl
Stop pin	A4
Antistatic spring	316

## High Pressure Ball Valve - V02 Series

### DIMENSIONS



### ORDERING CODE Example

#### Process Connection

- (04) 1/2 NPT Male  
(50) 1/2 NPT Female

#### Series Code

- (V02) Valve Series V02

#### Valves

- (BV) Ball Valve

#### Version

- (A) Style A (In-line)

#### Material

- (DU) Duplex UNS S31803  
(SS) Stainless steel 1.4404 (316L)  
(PM) Monel 400 (2.4360)  
(HH) Hastelloy C-276X

#### Instrument Connection

- (50) 1/2 NPT Female

#### Options

- (3E) Extended connection  
(C3) Material Traceability Report acc. to EN 10204 3.1  
(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

04 V02 BV A SS 50 C3

04

V02

BV

A

SS

50

C3

