

Ball Valves / Kugelhähne

VBV Series

Product Features

- Bi-directional flow (fully opened or fully closed)
- Directional handle indicating on-off position
- Low operating torque
- Encapsulated seat
- Allow for panel mounting
- Single piece ball stem to eliminate backlash
- One piece body to eliminate multiple seal points.
- Unique, top-loaded capsule packing allows reliable switching



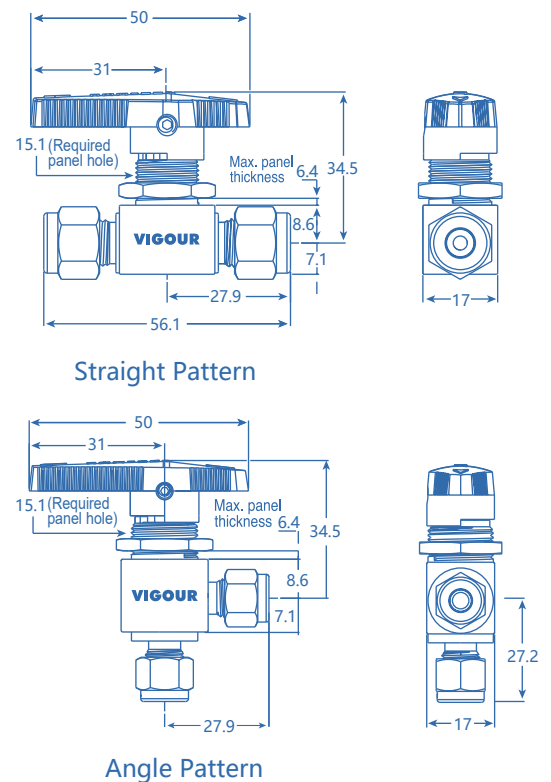
Typical Applications

- Component Testing
- Calibration Systems
- Laboratory Pressure Control
- High Pressure Sampling Systems
- Service & Test Equipment

Technical Data

Type:	Ball valve
Inlet pressure	Max. 206 bar or 69 bar
Materials	
Body:	see ordering info
Seat:	PTFE
Diaphragm:	Hastelloy® C276
Fiter:	SS316L
Inlet / outlet connection:	see ordering info
Temperature range:	-48°C to +150 °C
Leak rate:	0.1 std cc/min
Orifice:	Φ4.8 mm
Weight:	0.1 kg

Dimensions



Ordering Information

SS - VBV - 04-04 - H - A

Body Material

SS : Stainless steel 316

Type (see dimensions info)

02 : 1/8" Tube fitting	08M : 8mm Tube fitting
04 : 1/4" Tube fitting	10M : 10mm Tube fitting
06 : 3/8" Tube fitting	12M : 12mm Tube fitting
08 : 1/2" Tube fitting	1/8F : 1/8" Female NPT
03M : 3mm Tube fitting	1/4F : 1/4" Female NPT
06M : 6mm Tube fitting	3/8F : 3/8" Female NPT
	1/4M : 1/4" Male NPT

Options

A: Angle Pattern
None: Straight Pattern

Inlet / Outlet Pressure

H: 3000 psig (206 Bar)
None: 1000 psig (69 Bar)