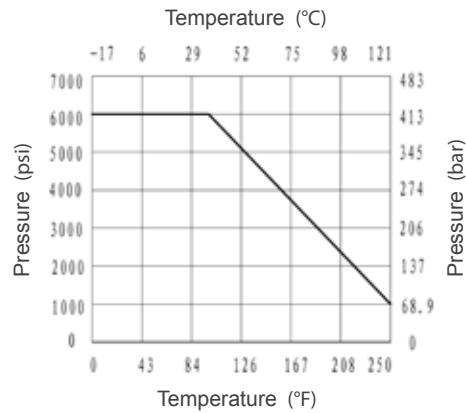


■ BV635 SERIES BALL VALVES

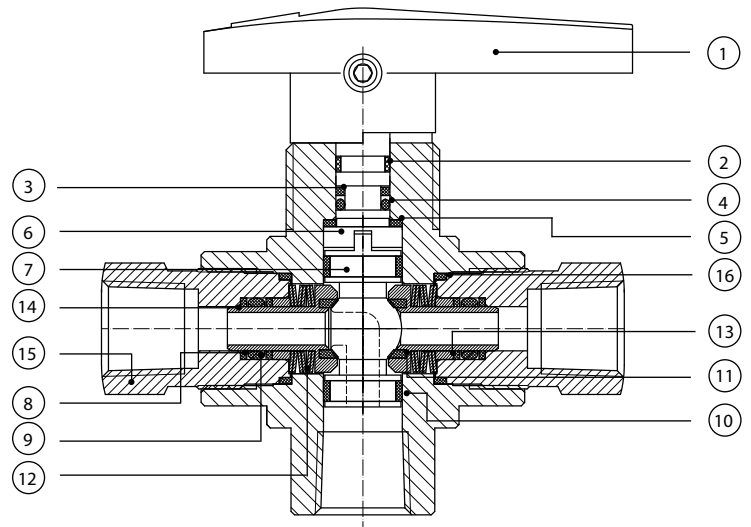


Components	Material
1 Handle	Nylon
2 slip ring	PEEK
3 Stop Collar	Enhanced PTFE
4 O-ring	Fluororubber
5 Spacer	PEEK
6 Upper Valve Stem	316 SS
7 Bottom Valve Stem	316 SS
8 Stop Collar	Enhanced PTFE
9 O-ring	Fluororubber
10 Slip Ring	PEEK
11 Valve Seat	PCTFE/PEEK
12 Resilient Pad	60Si12Mn
13 Stop Collar	316 SS
14 End Threaded Fitting	316 SS
15 Valve Seat Holder	316 SS
16 Seal Ring	PTFE

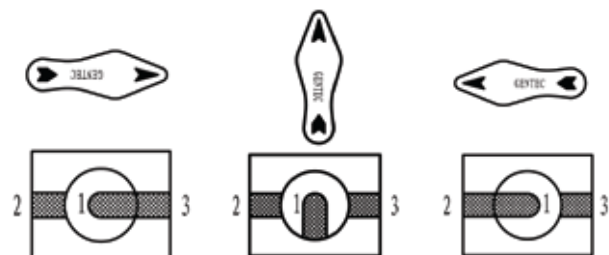
■ Features

- Maximum operating pressure: 6000 psi (415 bar)
- Operating temperature: 1.4°F ~ 250°F (-17°C ~ 121°C)
- Handle indicates flow direction
- Inlet Connection: 1/4" NPT
- Outlet connections: GENLOK and NPT
(please refer to the specification tables for available dimensions)
- Panel mounting available
- Cleaned and degreased for oxygen service according to CGA G-4.1 and ASTM G93 Class C, respectively
- Every valve is factory tested for leakage with nitrogen at 6000 psi

■ Materials of Construction

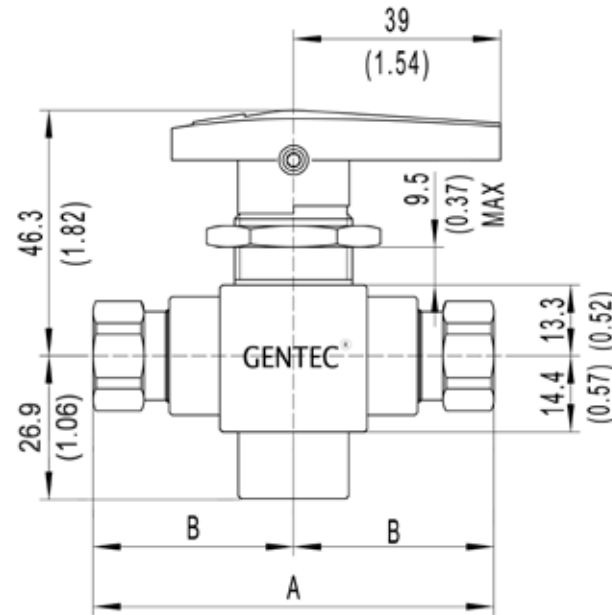


■ Flow Path Designator



BV635 SERIES BALL VALVES

Dimensions



Metric

Model	Orifice (mm)	CV	Connection Type		Dimension (mm)		Panel Mounting Hole Diameter (mm)
			Inlet	Outlet	A	B	
SS-BV635-TF6M	4.8	1.6	1/4" Female NPT	6mm GENLOK	105	52.6	23.2
SS-BV635-TF8M	4.8	1.5		8mm GENLOK	105	52.6	23.2
SS-BV635-TF10M	4.8	1.3		10mm GENLOK	112	56.0	23.2
SS-BV635-TF12M	4.8	1.0		12mm GENLOK	117	58.5	23.2

English Units

Model	Orifice (in.)	CV	Connection Type		Dimension (in.)		Panel Mounting Hole Diameter (in.)
			Inlet	Outlet	A	B	
SS-BV635-FNT2	0.187	1.2	1/4" Female NPT	1/8" Female NPT	2.94	1.47	0.91
SS-BV635-FNT4	0.187	1.0		1/4" Female NPT	2.93	1.47	0.91
SS-BV635-TF4	0.187	1.6		1/4" GENLOK	4.14	2.07	0.91
SS-BV635-TF6	0.187	1.4		3/8" GENLOK	4.39	2.19	0.91
SS-BV635-TF8	0.187	1.0		1/2" GENLOK	4.60	2.30	0.91

Ordering Information

SS	-	BV635	-	FNT4	-	E
Body Material: SS: 316 SS		Series: BV635		Inlet / Outlet Connection*: FNT4: 1/4" Female NPT		Options: Blank: PCTFE (Valve seat material) E: PEEK

* Specifications listed in table above change to. Please refer to the chart above for the available specifications for the desired connection type.