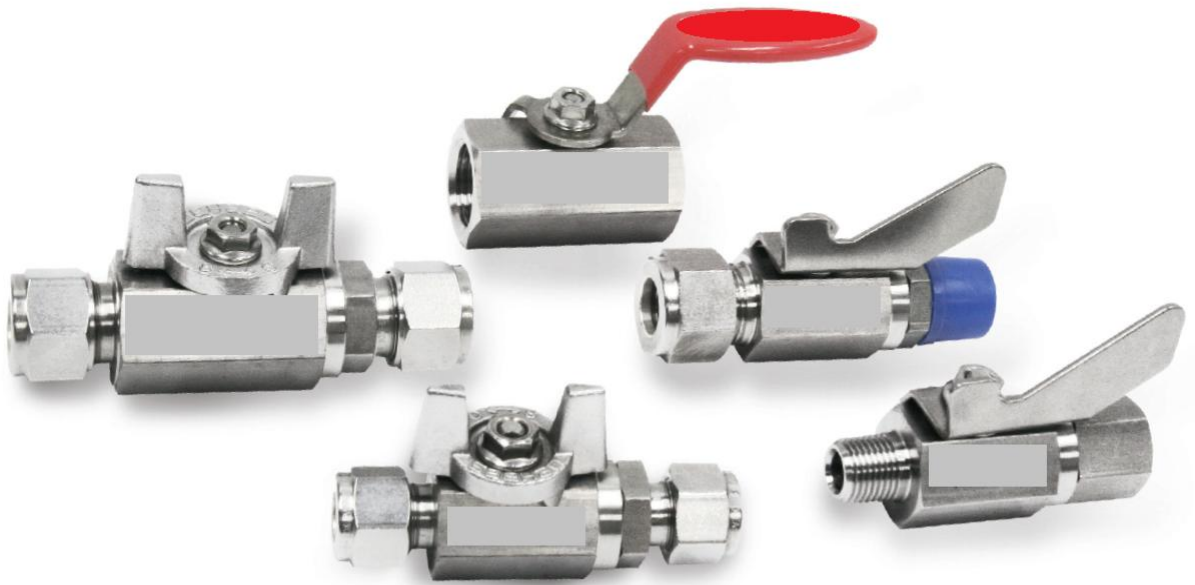




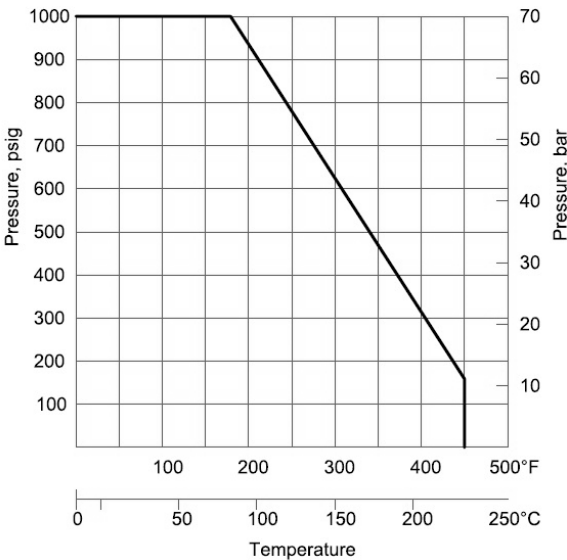
GBV1 Series Ball Valves



Features

Pressure Rating	1000psig (69bar)@ 100°F (38°C)
Body Material	Stainless Steel 316
Port End Connections	GPI Tube Fitting, NPT & ISO male & female.
Orifice	5.0mm to 16.0mm
Handle	Standard Lever Handle, optional Butterfly handle.

Pressure-Temperature Rating



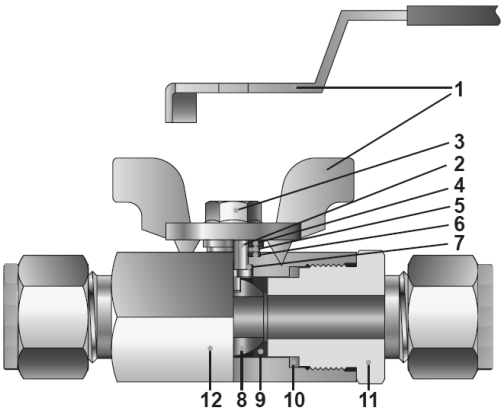
Applications

Chemical Plants, Steel Mills, Fuel Lines,
Oil & Gas Heavy Vehicles,

Testing

Every valve is factory tested with Nitrogen
@1000psig(69bar) for leakage at the seat
to a maximum allowable leak of 0.1sccm.

Material of Constructions



No	Description	Materials
1	Handle	S304 with PVC Coating
2	Stem	SS316 / A479
3	Lock Nut	Stainless Steel
4	Upper Stem Washer	SS304 / A479
5	Lower Stem Washer	
6	Upper Stem Seal	PTFE
7	Lower Stem Seal	
8	Ball	SS316 / A479
9	Seat	PTFE
10	Connector Seal	
11	End Connector	SS316 / A479
	Insert(for Female Thread)	
12	Body	SS316 / A479

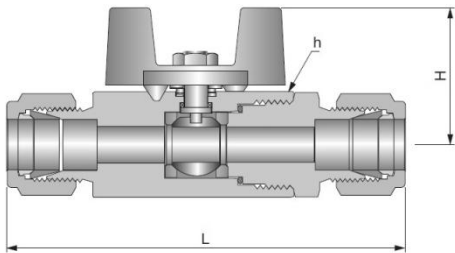
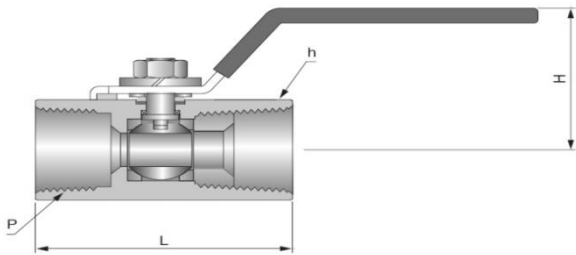


Table of Dimensions

Order Number		End Connections		Orifice (mm)	Cv	Dimensions (mm)		
Series	Part No.	Inlet	Outlet			L	H	h(Hex)
GBV	G-6M	6mm GPI Lok		5.0	1.25	79.0	26.5	17.46
	G-4T	1/4" GPI Lok			1.25			
	F-4N	1/4" Female NPT			1.35	82.0		
	G-10M	10mm GPI Lok		7.5	2.6	89.5	32.5	22.22
	G-6T	3/8" GPI Lok			2.5			
	F-6N	3/8" Female NPT			2.6			
	G-12M	12mm GPI Lok		9.0	9.25	101.6	35	26.98
	G-8T	1/2" GPI Lok			9.25			
	F-8N	1/2" Female NPT			9.25			
	G-16M	16mm GPI Lok		12.5	10.6	107.5	37.5	31.75
	G-12T	3/4" GPI Lok			10.6			
	F-12N	3/4" Female NPT			12.7			
	G-16T	1" GPI Lok		16.0	17.35	132.6	44.5	38.10
	F-16N	1" Female NPT			17.35			

*Dimensions are for reference only and are subject to change without prior notice.

Ordering Information

GBV



G



4T



S



Valve Series

End Connection

G: Tube Fitting

F: Female Thread

Size



Body Materials

S316: 316 Stainless Steel

Fractional(Inch) Tube O.D. Designation						
Tube O.D	inch	1/4	3/8	1/2	3/4	1
Designator		04T	06T	08T	12T	16T

Metric Tube O.D. Designation						
Tube O.D	mm	6	8	10	12	16
Designator		6M	8M	10M	12M	16M



GP International

5619, Daejeo 2-dong, Gangseo-gu, Busan, Korea (46723)

Tel: +82 51 294 2330 / Fax: +82 51 294 2331

E-mail: gpi@gp-international.co.kr (English)

sales@gp-international.co.kr (Chinese)

Website : www.gp-international.co.kr