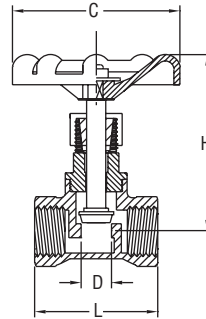




# HAND OPERATED GLOBE VALVE

Low Cost, High Pressure Rating



Pipe Size	D in [mm]	L in [mm]	H (Open) in [mm]	C in [mm]
1/4"	13/32 [10]	2-3/64 [52]	4-1/64 [102]	2-3/8 [60]
3/8"	15/32 [12]	2-3/64 [52]	4-1/64 [102]	2-3/8 [60]
1/2"	19/32 [15]	2-3/64 [52]	4-1/64 [102]	2-3/8 [60]
3/4"	25/32 [20]	2-3/8 [60]	4-7/16 [113]	2-3/4 [70]
1"	63/64 [25]	2-53/64 [72]	4-27/32 [123]	2-3/4 [70]
1-1/4"	1-1/4 [32]	3-5/32 [80]	5-53/64 [148]	3-5/32 [80]
1-1/2"	1-37/64 [40]	3-35/64 [90]	6-19/64 [160]	3-17/32 [90]
2"	1-31/32 [50]	4-11/64 [106]	7-3/32 [180]	3-15/16 [100]

The **SERIES HGV** Hand Operated Globe Valves are an economical and functional alternative to large actuator/control valve packages. Metal-to-metal seating ensures excellent flow control and shut-off service. The body and bonnet are each constructed of CF8M (316) SS for superb corrosion resistance and chemical compatibility.

## FEATURES/BENEFITS

- Threaded ends conform to ANSI B 2.1, BS 21, DIN 259/2999, ISO 228
- SS inside screw, screwed bonnet, swivel disc integral seat, rising stem and hand wheel

MODEL CHART					
Model	Size	Cv Value	Model	Size	Cv Value
HGV00	1/4"	0.6	HGV04	1"	10.69
HGV01	3/8"	1.38	HGV05	1-1/4"	17.1
HGV02	1/2"	2.46	HGV06	1-1/2"	25.2
HGV03	3/4"	5.76	HGV07	2"	47.1

## SPECIFICATIONS

**Service:** Compatible liquids and gases.

**End Connections:** Female NPT.

**Pressure Limits:** 725 psi (50.0 bar) from -20 to 200°F (-28.9 to 93.3°C); 500 psi (34.5 bar) at 300°F (148.9°C); 450 psi (31.0 bar) at 325°F (162.8°C); 100 psi (6.9 bar) at 350°F (176.7°C).

**Wetted Materials:** Body, bonnet, packing nut: CF8M (316) SS. disc, stem, retainer ring; Gland: 316 SS; Packing: PTFE.

**Temperature Limits:** -20 to 356°F (-28.9 to 180°C).

**Other Materials:** Hand wheel: Cast iron; Plate: Aluminum; Wheel nut: 316 SS.