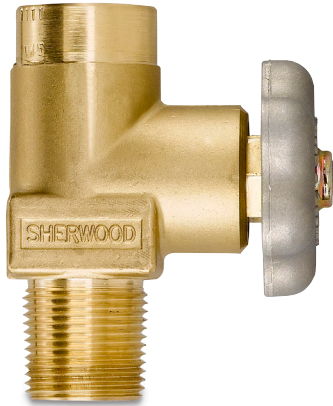
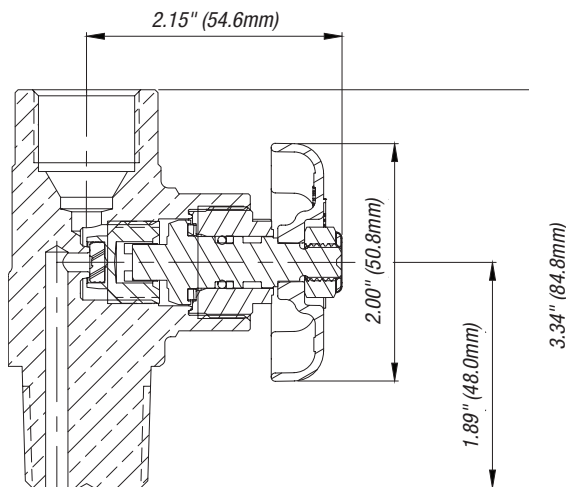


GSVT Series

Vertical Outlet Acetylene Valves



GSVT51060



Key Features & Benefits

- Used on 360° collar type cylinders (including WB, WQ, WS, WT and WK style)
- Heavy-duty brass forged body
- O-ring designed for leak integrity and easy operation
- Handwheel eliminates interference with cylinder collar
- Easy-to-read valve markings roll stamped on outlet neck
- Soft seat design provides positive shut-off

Ordering Information

Sherwood Part Number	CGA Outlet	Outlet Thread Size	Inlet Thread Size
GSVT51060	510	.885-14 NGO LH Int.	3/4" NGT
GSVT30060	300	.825-14 NGO RH Ext.	3/4" NGT

For Product Markings Reference, see **A** in the Appendix

Acetylene Valves

GSVT Series

Vertical Outlet Acetylene Valves

Design Specifications		
	English	Metric
Max. Working Pressure	500 PSI	34.5 Bar
Burst Pressure	15,000 PSI	1034 Bar
Leak Rate	1x10 ⁻³ atm cc/sec.	1x10 ⁻⁵ Bar mL/sec.
Operating Temperature Range	-50° F to +149° F	-46° C to +65° C
Storage Temperature Range	-65° F to +155° F	-54° C to +68° C
Cycle Life Min.	2000 Cycles	2000 Cycles
Operating Torque	10–20 in.-lbs.	1.1–2.2 N-m
Closing Torque	20–30 in.-lbs.	2.2–3.3 N-m
Bonnet Installation Torque	50 - 60 ft. lbs.	68-81 N-m
Handwheel Nut Installation Torque	15-35 in. lbs.	1.7 - 3.9 N-m
Cv Flow Factor	.69	.69

Standards Conformance	
CGA V-9	Standard for Gas Cylinder Valves
CGA S-1.1	Standard for Pressure Relief Devices
CGA V-1	Compressed Gas Cylinder Valve Outlet and Inlet Connections
A-A-59860	US General Services Administration Standards for Gas Cylinder Valves

Material of Construction	
Part Description	Materials of Construction
Handwheel	Aluminum ASTM SC84B
Locknut	Class 8 Steel with Nylon Insert
Stem	Brass C36000
Bonnet	Brass C36000 H02 Temper ½ Hard or CW614N Brass (European)
Backup O-Ring	Ethylene Propylene (EPDM)
O-Ring	Ethylene Propylene (EPDM)
Thrust Washer	Delrin® 500AF
Plug and Seat Subassembly	
Plug	Leaded Naval Brass C48500
Seat	Nylon, Zytel 101
Body	Forged Brass C37000
Lubricants	Christo-Lube