

CGSGSV4 4" Flanged Gas Solenoid Valve 2-Way, Fluid Power Actuator, Normally Closed, 0-15PSI / 120VAC



Features

- 120VAC Power Input
- Normally Closed Safety Shutoff
- UL Listed
- Various Other Sizes Also Over Available

Features



Product Overview

CGS gas solenoid valves control the flow of natural and LP (liquefied petroleum) gases and are most commonly used with our range of utility controllers and gas detection systems. Designed for ON/OFF safety shut off service.

Capacity

Cf/h (@ 1"wc PD)	Cu m/hr
10200	288.8

Valve rated capacity @ 1" WC pressure drop; based on specific gravity of 0.64
Larger capacity increases pressure drop across the valve.

Voltage	Inrush	Wattage	Amperage	VA
120VAC / 60Hz	3.9	50.0	0.94	115

Nominal Opening Time	Closing Time
16 Seconds at 50Hz	One Second Maximum

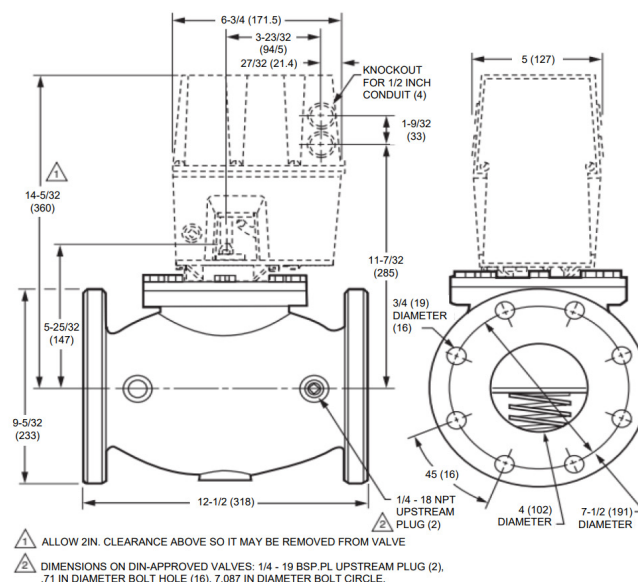
Technical Specification

Pipe Size	*Max Operating Pressure Differential	**Max. Rated Pressure
4" Flanged	3 PSI	15PSI

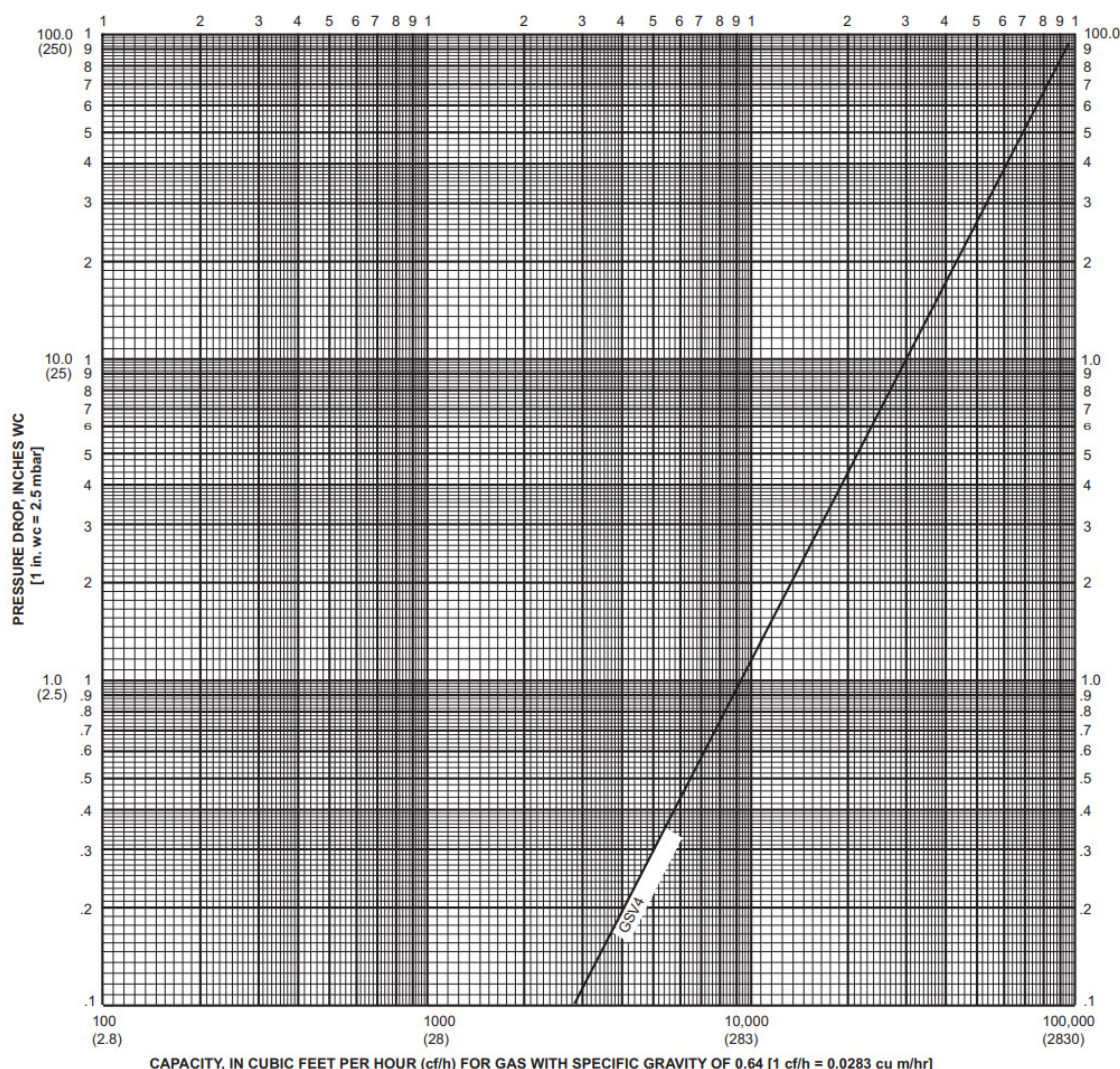
*Max Operating Pressure Differential (UL) allowable pressure drop from inlet to output for proper operation.

**Max. Rated Pressure that the valve can be exposed to without leakage or damage to the valve.

Dimensions



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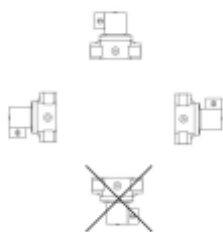


Features

- Ambient temperature rating is -40°F to +150°F (-40°C to +66°C) Valve and actuator combinations can be mounted in any position.
- Single pole double throw (SPDT) field adjustable Auxiliary Switch (optional - not included as standard).
- Standard enclosure meets NEMA1 (IP30) requirements; models available with NEMA4 (IP54) weatherproof enclosure.
- Add -NEMA4 to part code for a NEMA4 rated actuator.
- Valve seal overtravel interlock (double seal) to meet specific code, standard and insurer requirements (optional - not included as standard).
- Red OPEN indicator attached to actuator stem with Yellow SHUT indicator shows fully CLOSED.
- Aux. Switch and Proof-of-Closure Switch Ratings. (1/2 hp (0.37kW)). (Proof of closure switch optional - not included as standard).

Mounting Position

Metal shoe construction of the diaphragm allows for vertical installation, with less damage from debris and over pressure



WARNING

If the flow is not in the same direction of arrow, valve may not shut off.