



Features

- 120VAC or 24V
- Carbon Dioxide, Helium, Argon, Oxygen (with -C), Acetylene
- UL Listed
- 1/2" to 1 1/2" NPT Available For This Model
- Various Other Sizes Also Available

Standards



Product Overview

CGS SOLVLV-V solenoid valves are normally closed (N/C) and constructed with a durable brass body, two-way inlet and outlet ports. This series of solenoid valves have been designed to control a variety of mediums. Examples include: Carbon Dioxide, Helium, Argon, Oxygen and Acetylene.

Sizes Available

Valve Size " (inch) NPT	CGS Part Number
1/2"	SOLVLV-V-12
3/4"	SOLVLV-V-34
1"	SOLVLV-V-1
1+1/4"	SOLVLV-V-114
1+1/2"	SOLVLV-V-112

Construction

Body / Orifice	Brass
Connector	Conduit DIN
Seal	FKM
Orientation	Normally Closed
Temperature Range	-4 to 194°F
Coil Rating	Nema 4

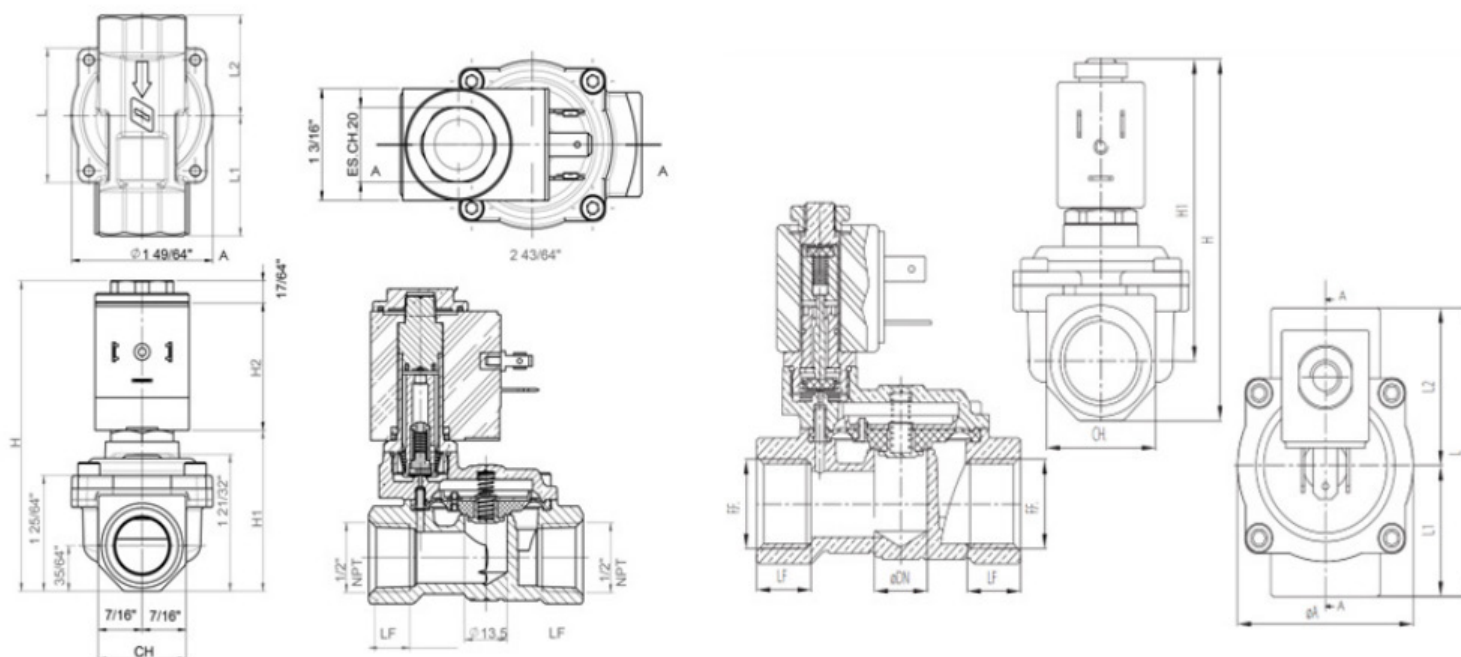
ADD -C For Oxygen Cleaning Service. Must Add for Oxygen Service. Example: SOLVLV-V-12-C

Technical Specification

						24V	24V	24V	24V	24V
Size	1/2"	3/4"	1"	1 1/4"	1 1/2"	1/2"	3/4"	1"	1 1/4"	1 1/2"
Orifice	13	18	26	32	45	13	18	26	32	45
Voltage	120VAC	120VAC	120VAC	120VAC	120VAC	24VAC	24VAC	24VAC	24VAC	24VAC
Power	17VA	17VA	17VA	17VA	17VA	17VA	17VA	17VA	17VA	17VA
CV	4	6.72	11	14.5	35.9	4	6.72	11	14.5	35.9
Min. Pre	1.5PSI	3PSI	3PSI	6PSI	6PSI	1.5PSI	3PSI	3PSI	6PSI	6PSI
Max. Pre	217PSI	217PSI	174PSI	174PSI	145PSI	217PSI	217PSI	174PSI	174PSI	145PSI

Valve Dimensions

F.F	1/2"	3/4"	1"	F.F	1 1/4"	1 1/2"
DN	17/32"	45/64"	1"	DN	1 1/4"	1 3/4"
LF	33/64"	33/64"	19/32"	LF	4 3/8"	5 7/16"
L1	1 29/64"	1 61/64"	1 61/64"	L1	2 1/4"	2 13/16"
L2	1 13/64"	1 23/32"	1 23/32"	L2	2 1/8"	2 5/8"
Dia A	1 49/64"	2 51/64"	2 51/64"	Dia A	3 7/16"	4 5/16"
L	1 5/8"	2 21/32"	2 21/32"	LF	7/8"	7/8"
H1	1 15/16"	2 23/32"	2 23/32"	H1	4"	4 5/16"
H2	1 17/32"	1 17/32"	1 17/32"	H	5"	5 1/2"
H	3 3/4"	4 17/32"	4 17/32"	CH	2 1/16"	2 7/16"
CH	17/64"	1 21/32"	1 21/32"			



Note: The valve pictured above is with a simple coil, which may or may not reflect the exact specifications of this particular build.