

# SOLVLV-V

## Datasheet

2-Way, Internally Piloted  
1/2" - 1 1/2" NPT  
Normally Closed



120VAC or  
24V



UL Listed



Carbon Dioxide  
Helium  
Argon  
Oxygen (with -C)  
Acetylene



1/2" to 1 1/2" NPT  
Available For This  
Model Various Other  
Sizes Also Available

### Standards



### Product Overview

AGS 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	AGS 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

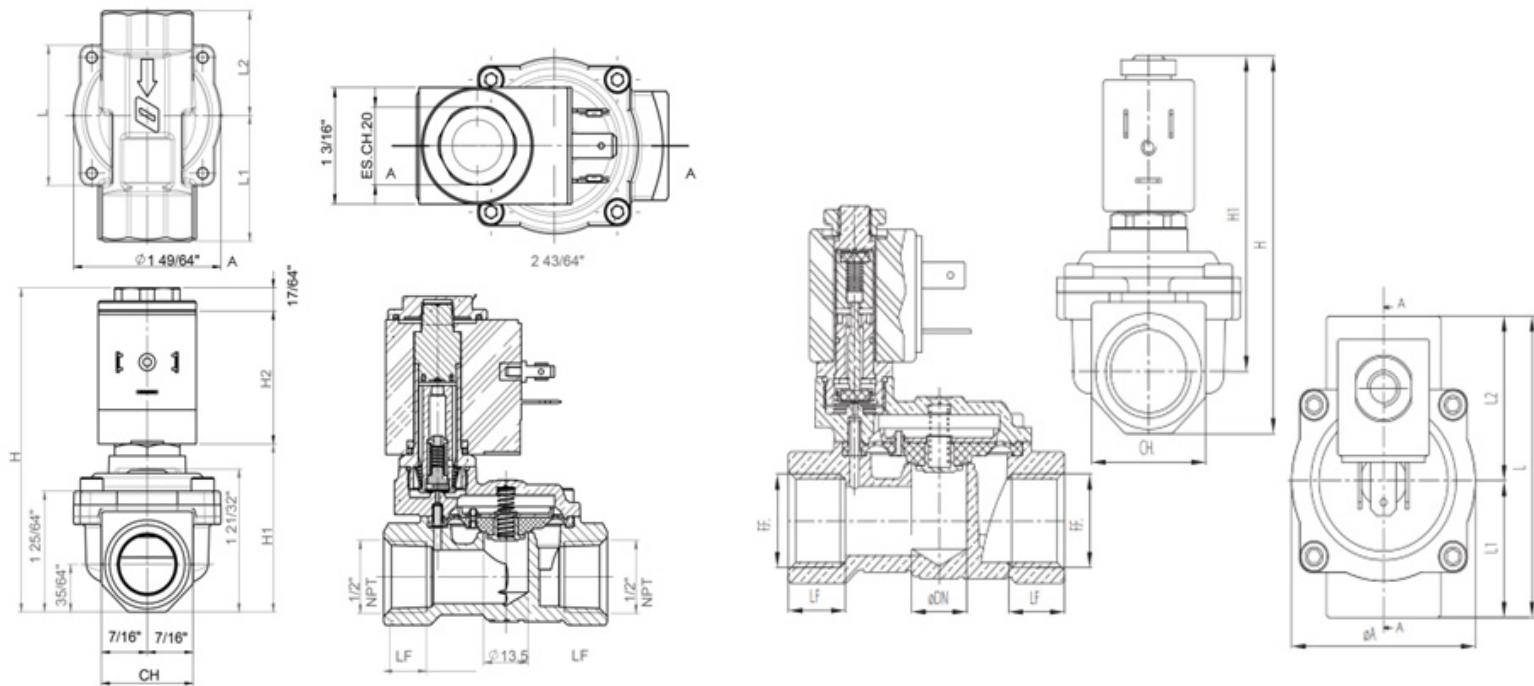
ADD -C For Oxygen Cleaning Service. Must Add for Oxygen Service. Example: SOLVLV-V-12-C

### Technical Specifications

							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										
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	1 7/64"	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 the this particular build.**

**Find out more**

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