

SOLVLV-Y

Datasheet

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



120VAC or
24Vac or DC



Compressed Air
Hydrogen
Nitrogen



UL Listed



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

Standards



Product Overview

AGS SOLVLV-Y 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 a variety of mediums including: Compressed Air, Nitrogen, Hydrogen, Propane, & Methane.

Sizes Available

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

Construction

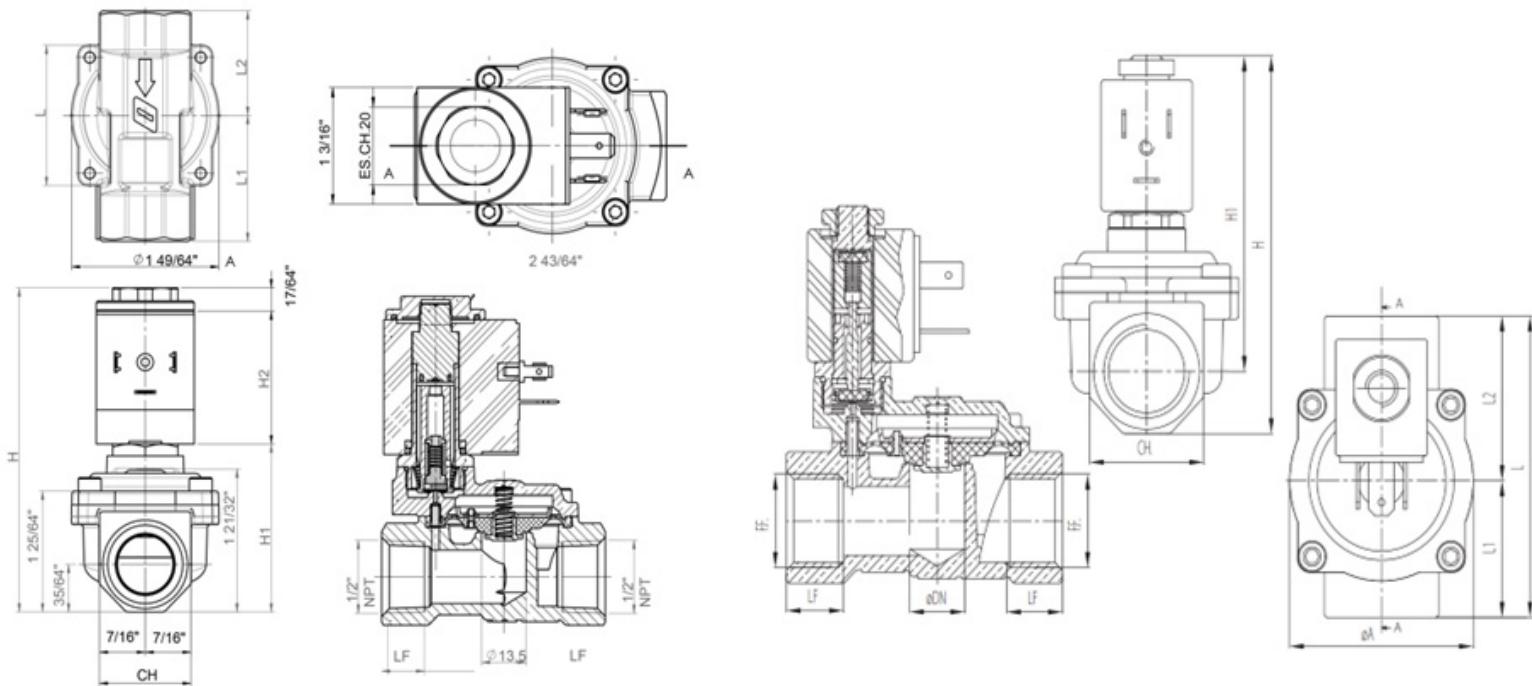
Body / Orifice	Brass
Connector	Conduit DIN
Seal	NBR
Orientation	Normally Closed
Temperature Range	-4 to 194°F
Coil Rating	Nema 4

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	24V	24V	24V	24V	24V	
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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