

# SC-SOLVLV

## Datasheet

Slow Close, 2-Way, Internally  
 Piloted 1/2" - 2" NPT Lead  
 Free Brass



120VAC or 24V



UL Listed



Slow Close  
 Operation



1/2" to 2" NPT  
 Available For This

### Standards



### Product Overview

AGS SC-SOLVLV water solenoid valves are designed to slow close, reducing water hammer and pressure surges in the piping system. It operates like a standard solenoid valve but incorporates a built-in damping mechanism to gradually shut off flow. They are constructed with a durable lead free brass body, and two-way inlet and outlet ports. It is recommended to install a wye strainer in-line and upstream of the SC-SOLVLV series valves.

### Part Numbers

Valve Size (Inch NPT)	Normally Closed (120V)	Normally Open (120V)
1/2"	SC-SOLVLVNC12	SC-SOLVLVNO12
3/4"	SC-SOLVLVNC34	SC-SOLVLVNO34
1"	SC-SOLVLVNC1	SC-SOLVLVNO1
1+1/4"	SC-SOLVLVNC114	SC-SOLVLVNO114
1+1/2"	SC-SOLVLVNC112	SC-SOLVLVNO112
2"	SC-SOLVLVNC2	SC-SOLVLVNO2

### Construction

Body / Orifice	Lead Free Brass
Connector	Conduit DIN
Seal	EPDM
Orientation	N/C or N/O
Temperature Range	-22 to 184 F
Coil Rating	IP65

**Voltage Selection:** Standard is 120VAC, for 24V add -24VAC or -24VDC to end of part#

### Technical Specifications

Size	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Orifice (in)	17/32	45/64	1	1+1/4	1+3/4	2
Power	17VA	17VA	17VA	17VA	17VA	17VA
CV	4	6.7	11	14.5	35.8	52
Min. Pre	1.5PSI	3PSI	3PSI	6PSI	6PSI	6PSI
Max. Pre	217PSI	217PSI	174PSI	174PSI	145PSI	145PSI

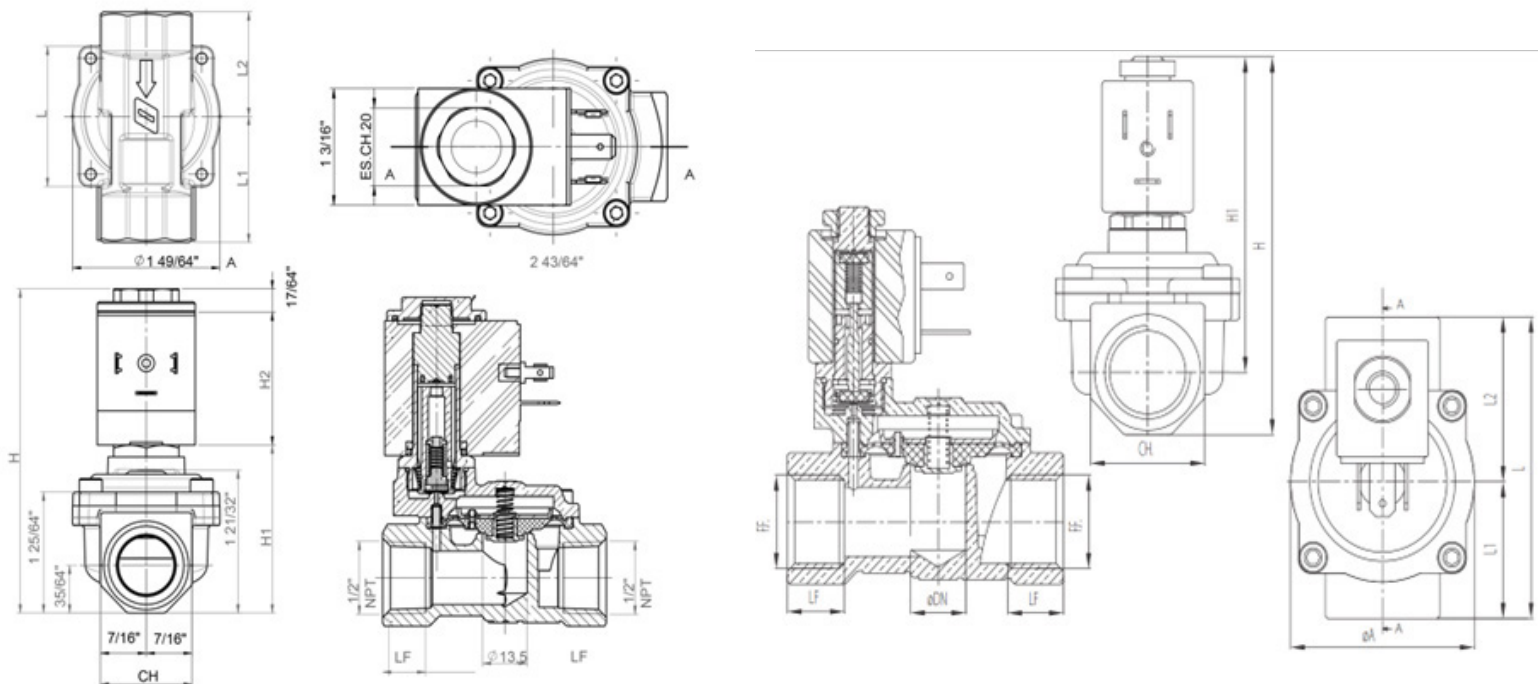
## Valve Dimensions

### 1/2" to 1" Sizes

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

### 1+1/4" to 2" Sizes

F.F	1 1/4"	1 1/2"	2"
DN	1 1/4"	1 3/4"	2"
L	4 3/8"	5 7/16"	5 11/16"
L1	2 1/4"	2 13/16"	3 1/16"
L2	2 1/8"	2 5/8"	2 11/16"
Dia A	3 7/16"	4 5/16"	4 3/4"
LF	7/8"	7/8"	15/16"
H1	4"	4 5/16"	4 1/2"
H	5"	5 1/2"	5 15/16"
CH	2 1/16"	2 7/16"	2 7/8"



**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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