

2-Way, Direct Acting, Normally Closed, 1/2" - 3" NPT, 304 Stainless Steel Body, EPDM



120VAC, 24VAC
or 24VDC Power
Input



UL Listed



Direct Acting (No
Pressure Differential
Required)



1/2" to 3" NPT
Available For This
Model Various Other
Sizes Also Available

Standards



Product Overview

This direct acting 2-way stainless steel solenoid valve is designed for reliable shutoff and flow control in corrosive, high-purity, and general service applications across water, air, inert gas, and light oil media. The 304 stainless steel body delivers superior corrosion resistance over brass, making it suited to water treatment, chemical handling, washdown environments, and food, beverage, and pharmaceutical systems where media compatibility and cleanability matter. With zero-pressure operation, the valve opens and closes with no minimum pressure differential required, providing fast response, high flow capacity, and strong resistance to contaminants in the media. Available from 1/2" to 3" NPT in normally closed and normally open configurations with EPDM seals.

Electrical Specifications

Watt Rating and Power Consumption			
DC	AC		
Watts	Average VA	VA Holding	VA Inrush
13	22	22	40

Materials of Construction

Body	304 Stainless Steel
Diaphragm Seal	EPDM

120VAC Models

Valve Size (Inch NPT)	AGS Part Number
1/2"	SOLVLVSSNC12-120AC
3/4"	SOLVLVSSNC34-120AC
1"	SOLVLVSSNC1-120AC
1+1/4"	SOLVLVSSNC114-120AC
1+1/2"	SOLVLVSSNC112-120AC
2"	SOLVLVSSNC2-120AC
2 1/2"	SOLVLVSSNC212-120AC
3"	SOLVLVSSNC3-120AC

24VDC & 24VAC Models

Valve Size (Inch NPT)	AGS Part Number
1/2"	SOLVLVSSNC12-24**
3/4"	SOLVLVSSNC34-24**
1"	SOLVLVSSNC1-24**
1+1/4"	SOLVLVSSNC114-24**
1+1/2"	SOLVLVSSNC112-24**
2"	SOLVLVSSNC2-24**
2 1/2"	SOLVLVSSNC212-24**
3"	SOLVLVSSNC3-24**

**Include 'DC' or 'AC' Voltage To Partcode

Performance Specifications

Pipe Size (in)	Orifice Size (mm)	CV Flow Factor	Operating Pressure Differential (PSI)							Max Fluid Temp °F		Catalog Number
			Min	Max. AC			Max. DC			AC	DC	
				Air-Inert Gas	Water	Light Oil	Air-Inert Gas	Water	Light Oil			
1/2	16	4.8	0	145	145	145	145	145	145	248	248	SOLVLVSSNC12
3/4	20	7.6	0	145	145	145	145	145	145	248	248	SOLVLVSSNC34
1	25	12	0	145	145	145	145	145	145	248	248	SOLVLVSSNC1
1 1/4	35	24	0	145	145	145	145	145	145	248	248	SOLVLVSSNC114
1 1/2	40	29	0	145	145	145	145	145	145	248	248	SOLVLVSSNC112
2	50	48	0	145	145	145	145	145	145	248	248	SOLVLVSSNC2
2 1/2	65	52	0	145	145	145	145	145	145	248	248	SOLVLVSSNC212
3	80	82	0	145	145	145	145	145	145	248	248	SOLVLVSSNC3

Dimensions (inches)

SIZE	A	B	C
1/2	2.72	4.17	2.24
3/4	2.87	4.49	2.24
1	2.87	4.49	2.24
1 1/4	4.41	5.91	3.41
1 1/2	4.84	6.30	3.70
2	6.50	7.20	4.84
2 1/2	7.09	8.27	4.65
3	8.66	8.46	5.91

