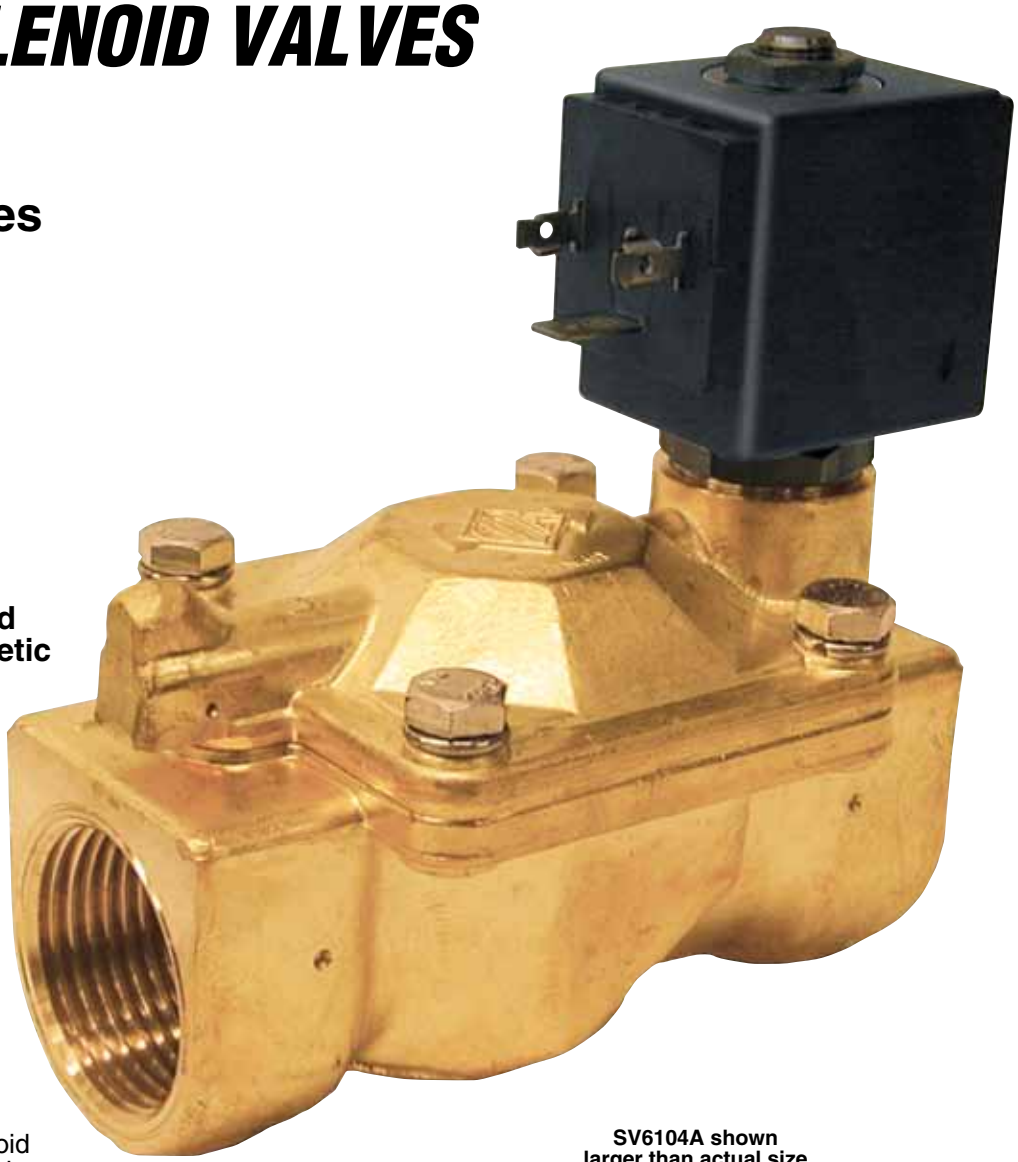
LEAD-FREE BRASS 2-WAY SOLENOID VALVES

SV6100A Series

1 YEAR WARRANTY

- NSF61-G Approved Materials
- Normally Closed
- Ideal for Compressed Air, Inert Gas, Synthetic Oils and Water
- 120 Vac Standard (220 Vac and DC Coils are Optional)
- 8 W, AC Coils
- NEMA 4



SV6104A shown larger than actual size

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SV6100A Series 2-way solenoid valves are internally piloted valves, featuring lead-free Brass, stainless steel construction and EPDM seal material. The temperature range from -10 to 137°C (14 to 280°F) and EPDM O-ring material is ideal for neutral media such as compressed air, inert gases, synthetic oils and water.

A strain-relief connector is supplied with each unit. A ½" conduit plug is also available.

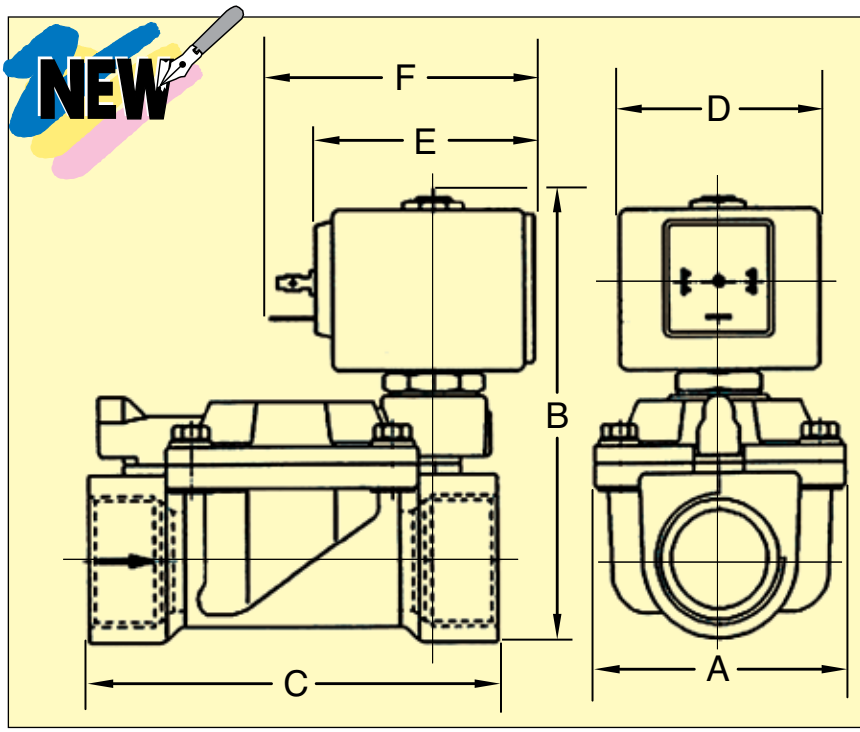
SPECIFICATIONS

Mounting Position: Any (preferably with solenoid system upright)
Operating Ambient:
EPDM O-Ring: -10 to 137°C (14 to 280°F)
Maximum Process Temperature: Coil dependent (see ratings on coils)
Voltage Tolerance: ±10%

Opening Time (msec): 200 to 500 approximately
Closing Time (msec): 100 to 4000 approximately
Cycling Rate: approximately 10 to 50 cpm
Duty Cycle: Continuous (100%)
Coil Molding Material:
Black Polyester
Class F:
SV8COIL-115AC,
SV8COIL-24DC/60HZ,
SV8COIL-220AC
Black Polyamide
Class F:
SV8COIL-12DC,
SV8COIL-24DC
Class H: SV8COIL-115/60HZ

Materials of Construction	
Body	Lead-free brass
Armature Tube	Stainless steel 300
Fixed Core	Stainless steel 400
Plunger	Stainless steel 400
Spring	Stainless steel 300
Shading Ring	Copper
Orifice	Lead-free brass

Coil Specifications		
Coil	**Inrush VA**	**Holding VA**
8 W	25	14



Valve Dimensions (inches)			
Model No.	**A**	**B**	**C**
SV6103A	1 9/16	3 3/16	2 19/32
SV6104A	2 9/16	4 1/8	4 3/32
SV6105A		4 13/32	

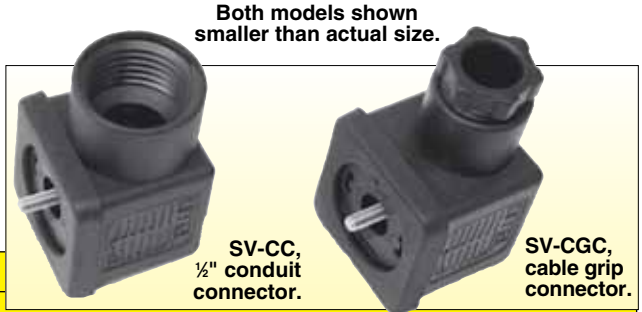
SV6100A Series Coil Dimensions			
Watt	**D**	**E**	**F**
8	1 3/16"	1 21/32"	2 1/8"

To Order

Normally Closed Model No.	Pipe Size	Orifice Size	Cv Flow Factor	O-Ring	Coils Standard	Operating Pressure		
						Minimum psi	M.O.P.D.*	
							AC psi	DC psi
SV6103A	½"	½"	4.8	EPDM	8 W	2	230	230
SV6104A	¾"	¾"	9.8					
SV6105A	1"	1"	14					

***** *Maximum operational pressure differential.*
Comes complete with operator's manual, 8 W coil and cable grip connector.
***Ordering Examples: SV6105A**, 1 NPT normally closed valve for 1" orifice.*
***SV6104A**, ¾" normally closed valve for ¾" orifice.*

Both models shown smaller than actual size.



SV-CC, ½" conduit connector.

SV-CGC, cable grip connector.

Accessories

Model No.	Description
Connectors	
SV-CGC	Cable grip connector
SV-CC	½" conduit connector
Coils	
SV8COIL-115AC	Replacement 8 W coil for 110 to 120 Vac/50 to 60 Hz 154°C (310°F) (Class F)
SV8COIL-12DC	8 W coil for 12 Vdc 154°C (310°F) (Class F)
SV8COIL-24DC	8 W coil for 24 Vdc 154°C (310°F) (Class F)
SV8COIL-24AC/60HZ	8 W coil for 24 Vac/60 Hz 182°C (360°F) (Class F)
SV8COIL-220AC	8 W coil for 220 to 240 Vac/50 to 60 Hz 154°C (310°F) (Class F)
SV8COIL-115/60HZ	8 W coil for 115 Vac/60 Hz 182°C (360°F) (Class H)

***Ordering Examples: SV-CGC,** cable grip connector.*
***SV8COIL-12DC,** 8 W coil for 12 Vdc 154°C (310°F) (Class F).*