



Solenoid Valve - Normally Closed

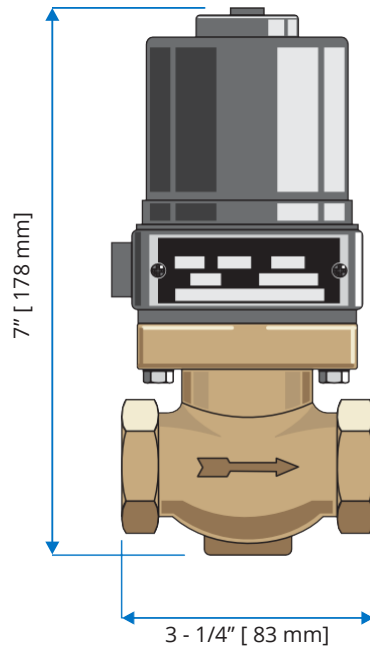
SPECIFICATIONS

The SVNC Series solenoid valves are built to withstand the extreme cold of liquid argon, liquid nitrogen, and liquid oxygen. They automatically start and stop flow and do not require a minimum pressure drop for operation. The solenoid valves are in closed position unless energized (normally closed) and remain closed until they receive an electrical signal to open. These valves come cleaned and bagged for oxygen service.

Valves with a bronze body are stronger and more durable than valves with a brass body for an extended service life

Technical Data	
Maximum Working Pressure	See Part Number Matrix
Flow Coefficient	Full Port Valve
Operating Temperature	-350°F to 400°F [-212°C to +204°C]
Minimum Pressure Differential	0 PSIG/ 0 BARG
Watts	25 Watts
Amp Hold (120 VAC-60 Hz)	0.4 Amp.
Amps Inrush (120 VAC-60 Hz)	1.2 Amp.
Ship Weight	8 lb / 3.6 Kg
Coil Class	Encapsulated Class H
Leads Length	18" / 45.7 cm
Cleaning	Cleaned for Oxygen Service

Materials	
Valve Body	Cast Bronze
Piston	Bronze
Coil Enclosure	Cast Iron
Plunger	Type 403 Stainless Steel
Pilot Valve	Type 303 Stainless Steel
Bonnet Tube	Type 304 Stainless Steel
Spring	Inconel
Body Seal	Non-Asbestos Gasket
Orifice	Gas Filled Teflon
AC Shade Coil	Copper
Stem Pin	Inconel

Dimensions

Ordering Information

SVNC - - - **8FB**
 A B C

BeaconMedaes SVNC Series Model Number Matrix			
Variable	Definition	Allowable Value	Description
A	Gas Service	CGA 346 CGA 580 CGA 320 CGA 580H CGA 580N CGA590 CGA 326 CGA 540	Air- Compressed Argon Carbon Dioxide Helium Nitrogen Air - Industrial Nitrous Oxide Oxygen
B	Maximum Working Pressure	110 200	100 PSIG [7.6 BARG] 200 PSIG [13.8 BARG]
C	Inlet & Outlet	8FB	1/2" F.NPT