

# SOLENOID VALVES

400 SERIES- NAMUR SOLENOID VALVES



1/4" Ports



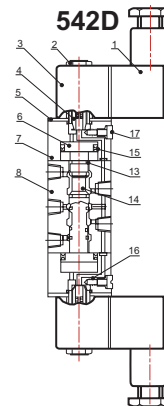
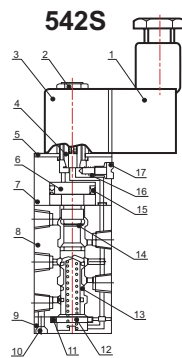
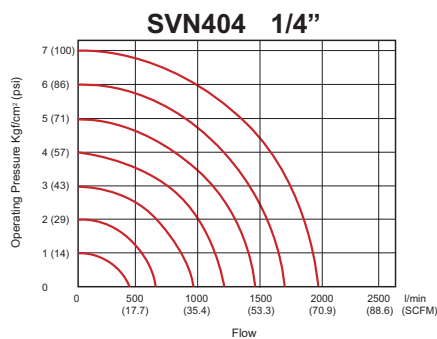
SVN-404-542D-110A-SRL

Namur Solenoid Valves- 400 Series

## Specifications

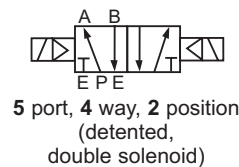
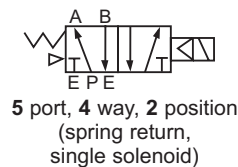
1. **Media:** Air (No other gases or liquids)
2. **Operation:** Solenoid (Direct Acting)
3. **Function:** 5 port, 4 way
4. **Operation Temp. Range:** 41 - 140°F (5 - 60°C)
5. **Maximum Pressure:** 135 psi (9.3 bar)
6. **Working Pressure:** 21 - 114 psi (1.5 - 8.0 bar)
7. **Orifice:** 14 mm<sup>2</sup> - 30 mm<sup>2</sup>
8. **Flows:**
9. **Lubrication:** None Required
10. **Maximum Cycle Rate:** 5 cycles/ second
11. **Insulation:** Class F
12. **Power Consumption:** AC: 4.5 VA DC: 3.0 W

## Flow Data



No.	Name	No.	Name
1	Connector	10	Fixed Screw
2	Nut	11	Bottom Cover Gasket
3	Coil	12	Spool Spring
4	Armature Assembly	13	Spool O-Ring
5	Fixed Plate	14	Spool
6	Piston	15	Piston O-Ring
7	Pilot Kit	16	Override Spring
8	Body	17	Manual Override
9	Bottom Cover		

## Symbols



## Ordering Information

### SVN - 404 - 542S - 110A - SR

Code	Description
SVN	Solenoid Valve Namur

Model	Port Size
404	1/4"

Code	Standard Configurations
542S	5 port, 4 way, 2 pos., spring return
542D	5 port, 4 way, 2 pos., detented (double solenoid)

Coil Voltage
omit (none)
12D (DC)
24A (AC)
24D (DC)
48A (AC)
110A (AC)
220A (AC)

Code	Electrical Connector
omit	none
SR	Strain Relief (standard)
CD	1/2" Conduit
LW	Lead Wire 36"
CDL	1/2" Conduit-Lighted
LWL	Lead Wire 36"-Lighted



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### Construction Material

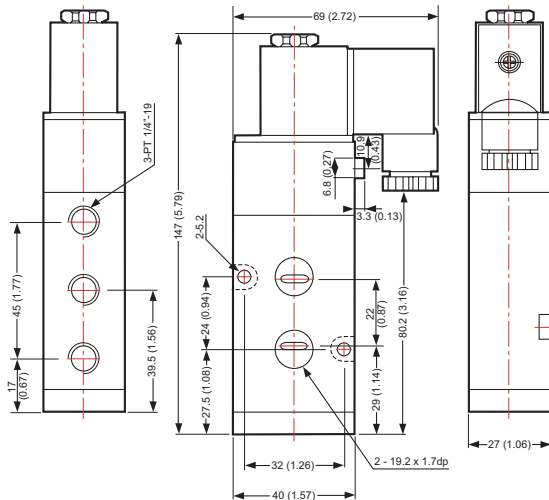
Name	Material		Name	Material	
	542S	542D		542S	542D
Body	Aluminum Alloy		Manual Override Spring	Stainless Steel	
Spool	Aluminum Alloy		Spool Spring	Stainless Steel	
Manual Override O-Ring	NBR		Pilot Body	PBT+Glass Fiber	
Connector Gasket	NBR		Fixed Screw	Iron	
Spool O-Ring	HNBR		Coil Cover	Heat-Resistant Resin	
Bottom Cover Gasket	NBR		Manifold	Aluminum Alloy	
Pilot Gasket	NBR		Piston	Plastic	
Fixed Plate	Nickel Plated Steel		Armature	Pure Iron	
Nut	Plastic		Connector	Plastic	
Bottom Cover	Zinc Alloy				

### Dimensional Data

Units: mm/ (Inch)

### 400 SERIES NAMUR

SVN404-542S



SVN404-542D

