

SOLENOID VALVES

400 SERIES- NAMUR SOLENOID VALVES



1/4" Ports



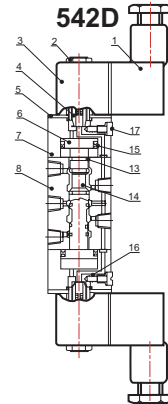
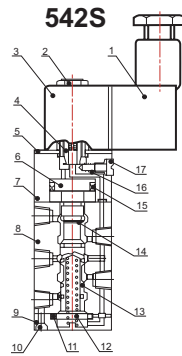
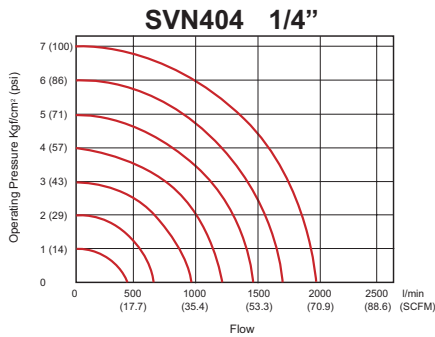
SVN-404-542D-110A-SRL

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 mm² - 30 mm²
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



Parts Breakdown

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



5 port, 4 way, 2 position
(spring return,
single solenoid)



5 port, 4 way, 2 position
(detented,
double solenoid)

Ordering Information

SVN - 404 - 542S - 110A - SRL

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
CD	1/2" Conduit
LW	Lead Wire 36"
SRL	Strain Relief-Lighted (standard)
CDL	1/2" Conduit-Lighted
LWL	Lead Wire 36"-Lighted



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Construction Material

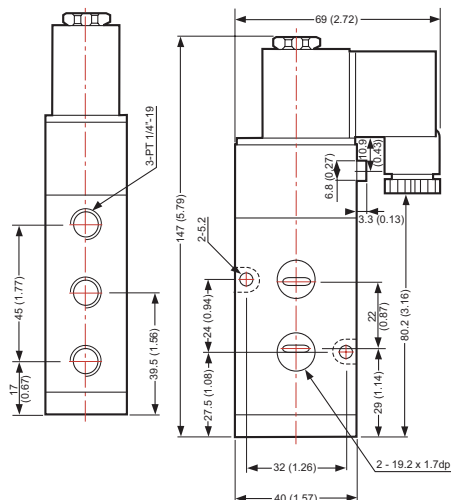
Name	Material		Name	Material	
	542S	542D		542S	542D
Body	Aluminum Alloy		Manual Override Spring	Stainless Steel	
Spool	Aluminum Alloy		Spool Spring	Stainless Steel	
Manual Override O-Ring	NBR		Pilot Body	PBT+Glass Fiber	
Connector Gasket	NBR		Fixed Screw	Iron	
Spool O-Ring	HNBR		Coil Cover	Heat-Resistant 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

