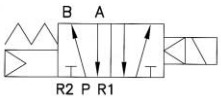
SV-200 Series

5 Port Pilot Type / Elastic Seal

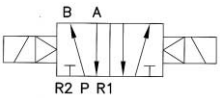
In-line Mounting Type

5 Port / 2 Position

SV-210 (P · A · B : PT1/4 R1 · R2 : PT1/8)

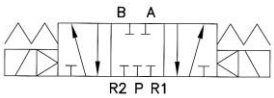


SV-220 (P · A · B : PT1/4 R1 · R2 : PT1/8)

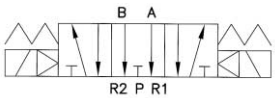


5 Port / 3 Position

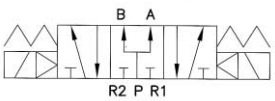
SV-230 (Closed Center)



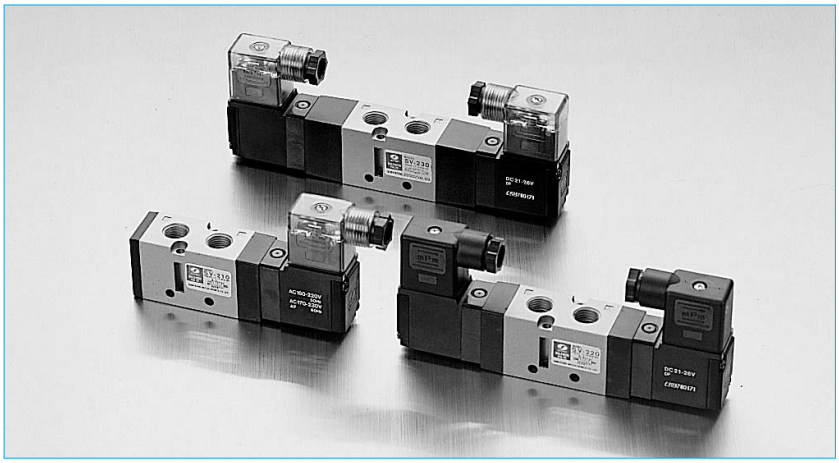
SV-240 (Exhaust Center)



SV-250 (Pressure Center)



- Width-26mm
- Large flow capacity
  -Cv 1.0
  Effective area-18mm^2
- Low power consumption
  -1.8W(DC)
- Various electrical entries



■ Standard Specifications

Model no.			SV-210	SV-220	SV-230	SV-240	SV-250
Media			Air or inert gases				
Pressure range(kgf/cm^2)			1.5~9.9	1~9.9	1.5~9.9		
Effective area mm^2(Cv)			18(1.0)	18(1.0)	14.4(0.8)	14.4(0.8)	14.4(0.8)
Ambient and media temp.			Max. 50℃				
Response time(5kgf/cm^2)			Below 30ms		Below 50ms		
Max. cycles/second			5c/s		3c/s		
Lubrication			Not required				
Manual override operation			Non-locking push/Slotted locking type				
Shock/Vibration resistance			30G/5G(8.3~2000HZ)				
Protective structure			Dust-proof				
Rated voltage of coil			AC 50/60HZ 100V, 220V DC 12V, 24V				
Allowable voltage tolerance			-15%~+10% of rated voltage				
Coil insulation			Class B or equivalent (130℃)				
Value of temp. elevated			Below 45℃ (at rated voltage)				
Apparent power	AC	Starting	5.6VA(50HZ), 5.0VA(60HZ)				
		Holding	4.5VA(50HZ), 3.8VA(60HZ)				
Power consumption	DC		1.8W				
Weight(kgf)			0.22	0.3	0.35	0.35	0.35
Surge suppressor			AC, DC : Varistor				
Indicator lamp			LED				

■ How to Order

SV - 2 1 0 - 1 L

Port size (PT 1/4)

Symbol

1	Single solenoid
2	Double solenoid
3	Closed center
4	Exhaust center
5	Pressure center

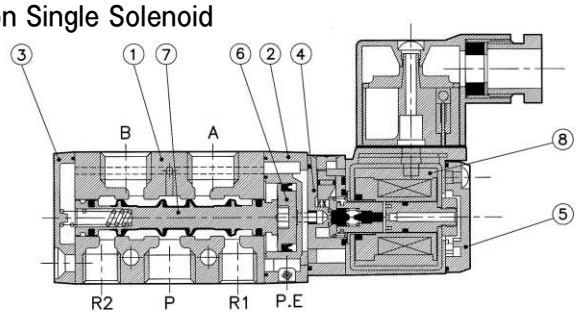
Voltage

1	AC 100V
2	AC 220V
3	DC 12V
4	DC 24V

Electrical entry

L	Lead wire
D	DIN terminal
DL	DIN terminal with lamp
DS	DIN terminal with lamp & surge suppressor

2 Position Single Solenoid



2 Position Double Solenoid

Main Parts

No.	Description	Material
①	Body	ADC-12
②	Adapter	—
③	End Cover	ADC
④	Pilot Body	Polyacetal
⑤	Pilot Cover	Plastic
⑥	Piston	Polyacetal
⑦	Spool	Aℓ · NBR
⑧	Coil ASS'Y	