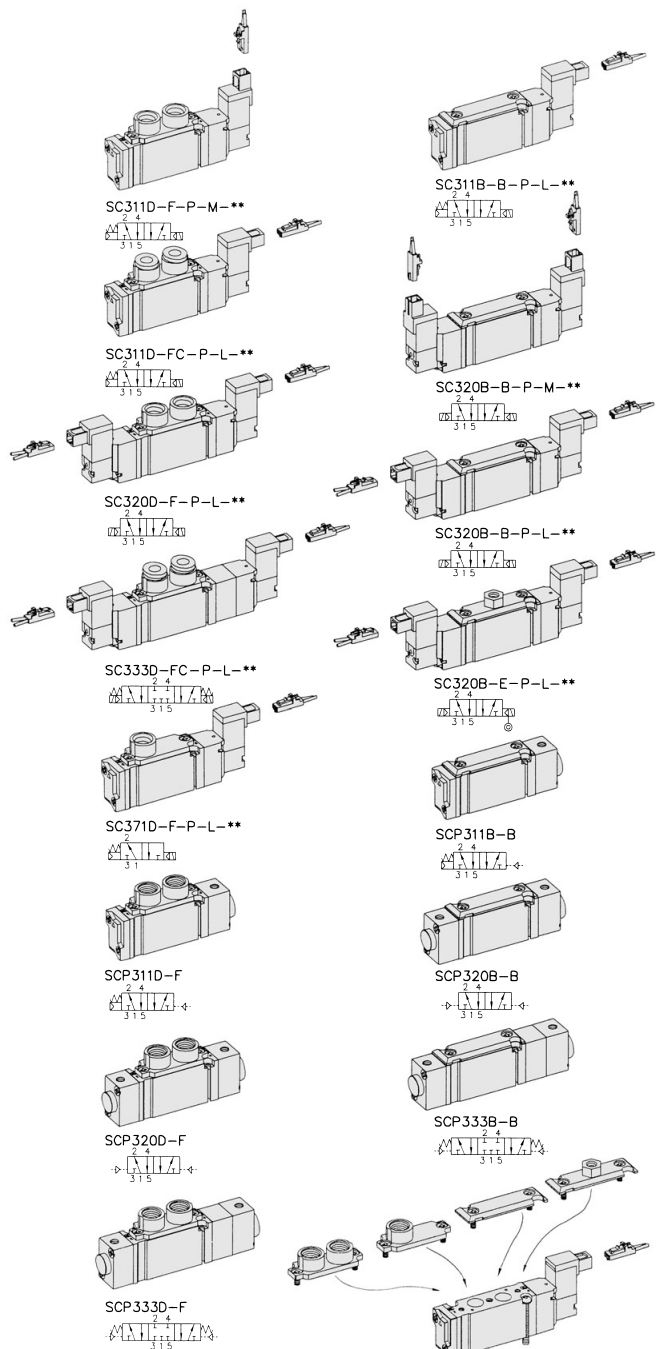


SC300. 1/8

"C" COMPACT Series
Solenoid / Pneumatic Valves

- 5/2, 5/3, 3/2-1/8 ■ 15mm Body Width
- Manifold or Sub-Base Type
- High Efficiency, Space Economy Type
- Transition Flow 500ℓ/min (5bar)

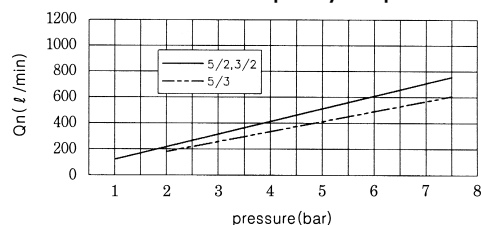


** : Voltage Selection (see page 10)

SPECIFICATION

ITEM	SERIES FUNCTION	SOLENOID, PNEUMATIC	
		5, 3 Port 2 Position	5 Port 3 Position
Fluids		Compressed Air & Inert Gases	
Pressure(bar)		1.5~7.0	2.0~7.0
Eff. Sectional Area(mm ²) -5bar		9.0	7.5
Ambient & Fluid Temp.		5~60°C (41~140°F)	
Response Time(5bar)		25ms or Less	35ms or Less
Max. Working Frequency		8c/sec	5c/sec
Lubrication		Not Required(Use ISO VG32 #)	
Manual Override		Push Button(Standard), Lever Lock(Option)	
Coil Insulation Class		F-Class or Equivalent	
Permissible Voltage Variation		±10% of Rated Voltage	
Off Min. Residual Voltage		DC:10% or Less	
Power Consumption(DC)		Holding-DC:1.2W(50mA)	

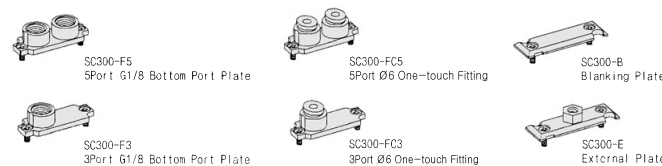
Transition Capacity Graph



The Material of Parts

- Valve Body : Die-Cast Aluminium
- Cap : Zinc Pressure Die-Cast
- Spool : Aluminium
- Pilot Parts : Glass Filled Nylon
- Seals : NBR
- Armature : Stainless Steel
- Spring : Stainless
- Armature Seals : Viton

Port Plate Ordering Code (Material : Zinc)

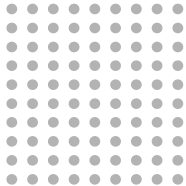


- * The specification on each item can be amended without any prenotice to improve a performance.
- * The specification on each item can be different from actual specification.

ORDERING NO.

SC3 1 1 D - F - P - L - D4

Valve Series	Function	Return Method		Port Type		Port Plate & Thread		Manual Operator		Solenoid Coil Type		Voltage	
SC3 : Solenoid Valve	1 5/2 Single	0	None	D	Manifold	F	G1/8	0	None	0	None	0	None
	2 5/2 Double	1	Air + Spring	B	Sub-Base	FN	NPT 1/8	P	Push	L	90 Degree Plug-in Wire Assembly LED	D4	DC 24V
	3 5/3 Closed Center	2	Air			FC	Ø6 One-Touch Fitting		Non-Locking			D2	DC 12V
	4 5/3 Open Center	3	Spring			B	Blanking End Plate	L	Lever Locking	M	180 Degree Plug-in Wire Assembly LED		
SCP3 : Pneumatic Valve	5 5/3 Pressure Center					E	External End Plate, Plate M5×0.8						
	6 3/2 Normally Closed												
	7 3/2 Normally Open												

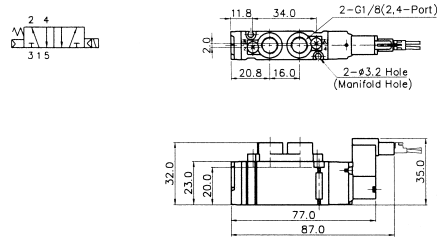


Solenoid & Pilot Actuated Spool Valves

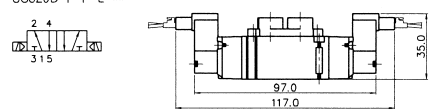
Port Thread 1/8

5Port 2Position Solenoid Valve (Manifold)

Single Solenoid
SC311D-F-P-L-***

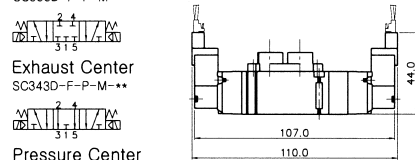


Double Solenoid
SC320D-F-P-L-***

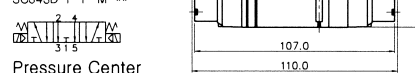


5Port 3Position Solenoid Valve (Manifold)

Closed Center
SC333D-F-P-M-***



Exhaust Center
SC343D-F-P-M-***

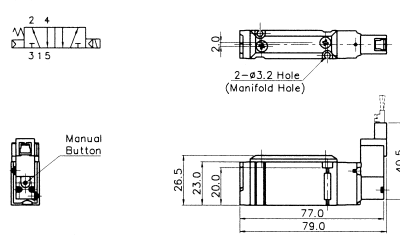


Pressure Center
SC353D-F-P-M-***

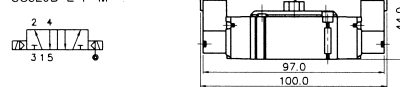


5Port 2Position Solenoid Valve (Sub-Base)

Single Solenoid
SC311B-B-P-M-***

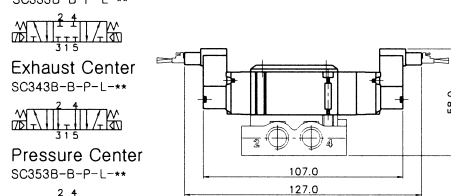


Double Solenoid
External Pilot
SC320B-E-P-M-***

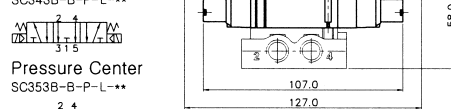


5Port 3Position Solenoid Valve (Sub-Base)

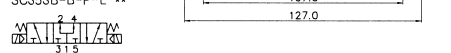
Closed Center
SC333B-B-P-L-***



Exhaust Center
SC343B-B-P-L-***

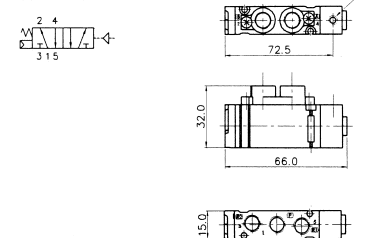


Pressure Center
SC353B-B-P-L-***



5Port 2Position Pneumatic Valve

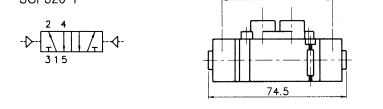
Single Pneumatic
SCP311D-F



SCP311B-B

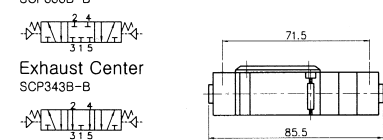


Double Pneumatic
SCP320-F

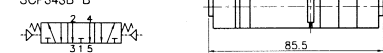


5Port 3Position Pneumatic Valve

Closed Center
SCP333B-B



Exhaust Center
SCP343B-B



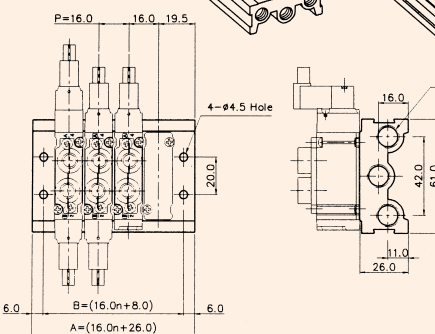
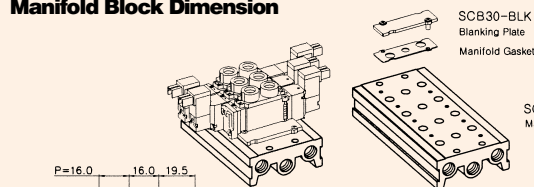
Pressure Center
SCP353B-B



SCB30 SINGLE, DOUBLE MANIFOLD BLOCK

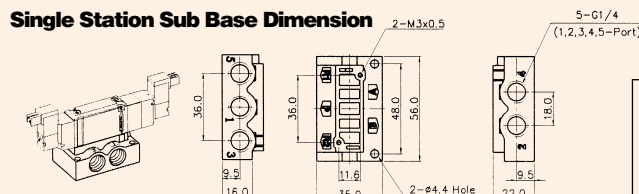
(SC300 Solenoid & Pneumatic Valve Use)

Manifold Block Dimension



MANIFOLD BLOCK DIMENSION		n = STATION				
ITEM	n	2	4	6	8	10
B		40.0	85.0	117.0	149.0	181.0
A		60.0	92.0	124.0	156.0	188.0

Single Station Sub Base Dimension



Manifold Ordering Code

SCB3 1 - D - M04			
Series	Port & Thread	Function	Manifold Station
SCB3	0 None	0 None	M02 2-Station
SC300 Solenoid Valve	1 G	D Manifold, Port 1/4	M04 4-Station
	2 NPT	S Single Station Sub Base, 1/4 Port Without Pilot Ports	M06 6-Station
		DB Double Modular Sub Base, 1/8 Port Without Pilot Ports	M08 8-Station
		DC6 Double Modular Sub Base, #6 Fitting	M10 10-Station
		E End Cover, 1/8 Port	
		EB End Blanking Cover	

DOUBLE MODULAR SUB BASE DIMENSION		n = STATION				
ITEM	n	2	4	6	8	10
B		53.0	85.0	117.0	149.0	181.0
A		60.0	92.0	124.0	156.0	188.0

SCB30-BLK



Ordering Code

SCB30-BLK
Blanking Plate (Material: STS304)
Manifold Gasket, Base Gasket, (Material: NBR)

Ordering Code

SCB31-E
End Cover, 1/8 (Material: Al)

Ordering Code

SCB30-DC6
Double Modular Sub Base #6 One-touch Fitting (Material: Al)

Ordering Code

SCB31-DB
Double Modular Sub Base, 1/8 (Material: Al)

Ordering Code

SCB30-EB
End Blanking Cover (Material: Al)