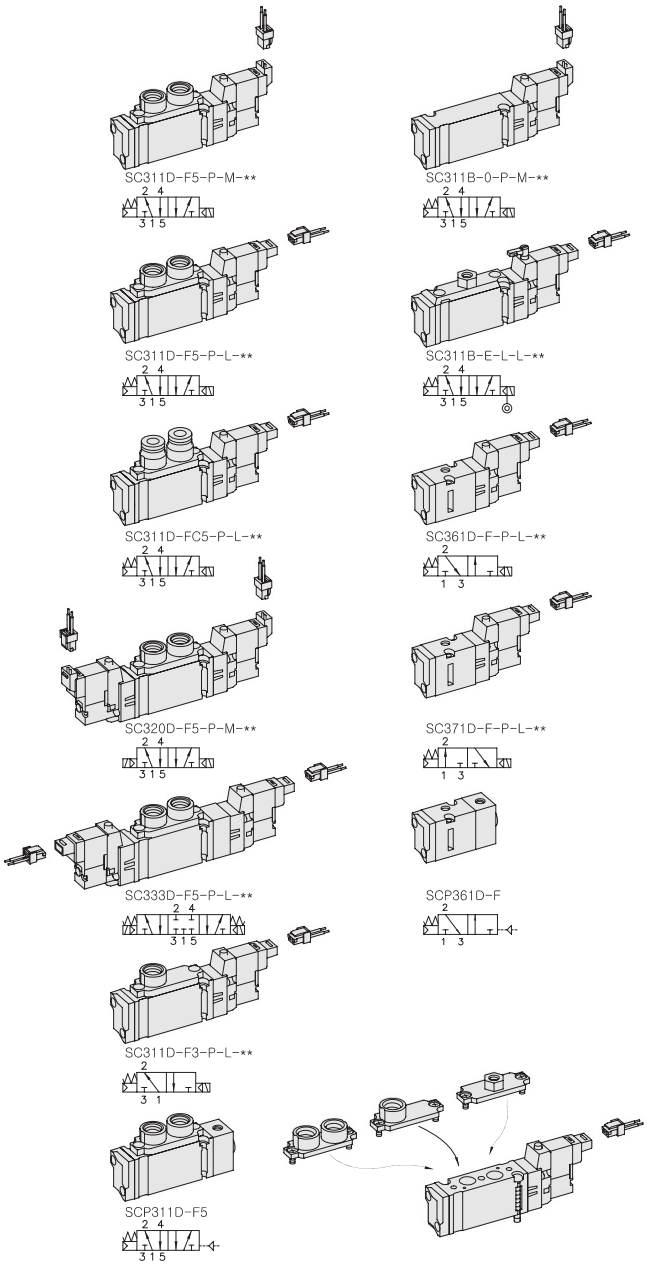
SC300. 1/8

"C" COMPACT Series
Solenoid / Pneumatic Valves

- 5/2, 5/3-1/8, 3/2-M5 ■ 15mm Body Width
- Manifold or Sub-Base Type
- High Efficiency, Space Economy Type
- Transition Flow 500ℓ/min (5bar)

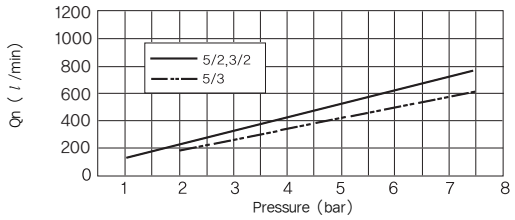


**: Voltage Selection (see page 10)

SPECIFICATION

ITEM \ SERIES / FUNCTION	SOLENOID, PNEUMATIC	
	5, 3Port 2Postion	5Port 3Position
Fluids	Compressed Air & Inert Gases	
Pressure(bar)	1.5~7.0	2.0~7.0
Eff. Sectional Area(㎟)-5bar	9.0	7.5
Ambient & Fluid Temp.	5~60℃(41~140℉)	
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: 0.65W (24V:27.0mA/12V:54.0mA)	

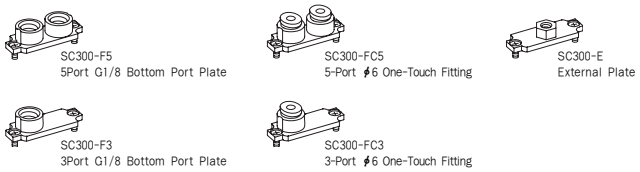
Transition Capacity Graph



The Material of Parts

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

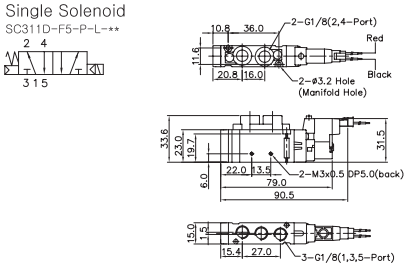
SC3 | 1 | 1 | D | - | F5 | - | P | - | L | - | D4

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	0 None	0 None	0 None	0 None
SCP3 : Pneumatic Valve	2 5/2 Double	1 Air + Spring	B Sub-Base	F5 5-Port G1/8	P Push Non-Locking	L 90 Degree Plug-in Wire Assembly with LED	D4 DC 24V
	3 5/3 Closed Center	2 Air		F3 3-Port G1/8	L Lever Locking	M 180 Degree Plug-in Wire Assembly with LED	D2 DC 12V
	4 5/3 Open Center	3 Spring		FN5 5-Port NPT1/8			
	5 5/3 Pressure Center			FN3 3-Port NPT1/8			
	6 3/2 Normally Closed			FC5 5-Port ϕ6 One-Touch Fitting			
	7 3/2 Normally Open			FC3 3-Port ϕ6 One-Touch Fitting			
				E External End Plate, Plate M5×0.8			

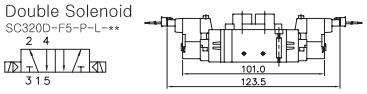


5Port 2Position Solenoid Valve (Manifold)

Single Solenoid
SC311D-F5-P-L-**



Double Solenoid
SC320D-F5-P-L-**

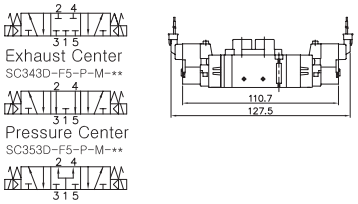


5Port 3Position Solenoid Valve (Manifold)

Closed Center
SC333D-F5-P-M-**

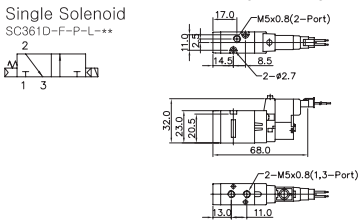
Exhaust Center
SC343D-F5-P-M-**

Pressure Center
SC353D-F5-P-M-**



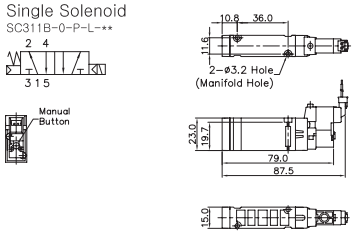
3Port 2Position Solenoid Valve (Manifold)

Single Solenoid
SC361D-F-P-L-**

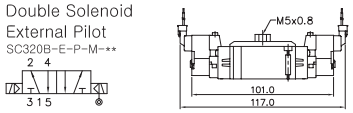


5Port 2Position Solenoid Valve (Sub-Base)

Single Solenoid
SC311B-0-P-L-**



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

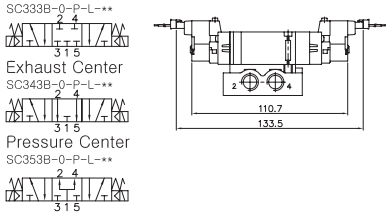


5Port 3Position Solenoid Valve (Sub-Base)

Closed Center
SC333B-0-P-L-**

Exhaust Center
SC343B-0-P-L-**

Pressure Center
SC353B-0-P-L-**

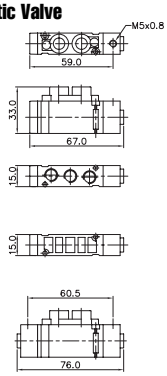


5Port 2Position Pneumatic Valve

Single Pneumatic
SCP311D-F5

Single Pneumatic
SCP311B

Double Pneumatic
SCP320D-F5

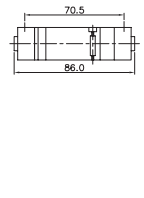


5Port 3Position Pneumatic Valve

Closed Center
SCP333B

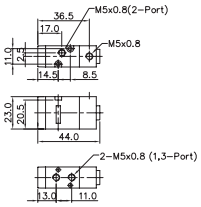
Exhaust Center
SCP343B

Pressure Center
SCP353B



3Port 2Position Pneumatic Valve

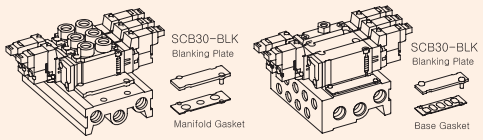
Single Pneumatic
SCP361D

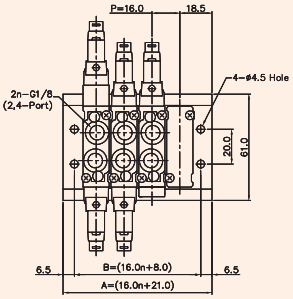


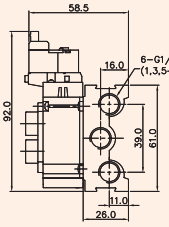
SCB30 SINGLE, DOUBLE MANIFOLD BLOCK

(SC300 Solenoid & Pneumatic Valve Use)

Manifold Block Dimension







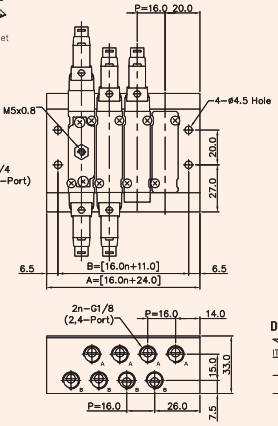
5PORT MANIFOLD BLOCK DIMENSION n=STATION

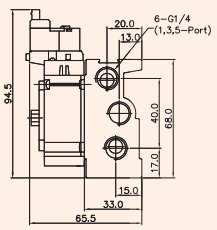
ITEM \ n	2	4	6	8	10
A	40.0	72.0	104.0	136.0	168.0
B	53.0	85.0	117.0	149.0	181.0

3PORT MANIFOLD BLOCK DIMENSION n=STATION

ITEM \ n	2	4	6	8	10
A	40.0	72.0	104.0	136.0	168.0
B	53.0	85.0	117.0	149.0	181.0

Double Modular Manifold Block Dimension

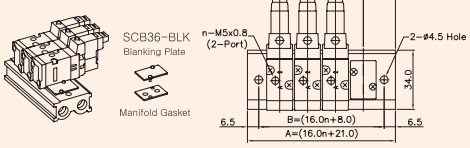


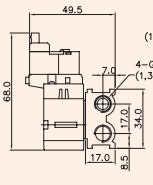


DOUBLE MODULAR DIMENSION n=STATION

ITEM \ n	2	4	6	8	10
A	43.0	75.0	107.0	139.0	172.0
B	56.0	88.0	120.0	152.0	184.0

Manifold Block Dimension



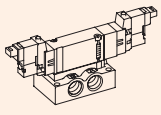


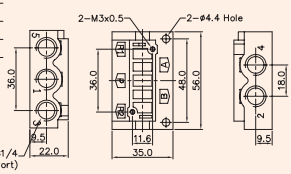
Manifold Ordering Code

SCB3 | 1 | - | D | - | M04

Series	Port & Thread		Function		Manifold Station	
SCB3 SC300 Solenoid Valve	0	None	0	None	M02	2-Station
	1	G	S	Single Station Sub Base, 1/4 Port Without Pilot Ports	M04	4-Station
	2	NPT	D	Manifold, Port 1/4	M06	6-Station
			DB	Double Modular Manifold Block, 1/8 Port	M08	8-Station
			DC6	Double Modular Manifold Block, ø6 Fitting	M10	10-Station
			D3	Manifold, Port 1/8(3/2Way)		

Single Station Sub Base Dimension (SCB31-S)





Ordering Code
SCB36-BLK
- Blanking Plate (Material: STS304)
- Manifold Gasket. (Material: NBR)

Ordering Code
SCB30-BLK
- Blanking Plate (Material: STS304)
- Manifold Gasket.
- Base Gasket. (Material: NBR)