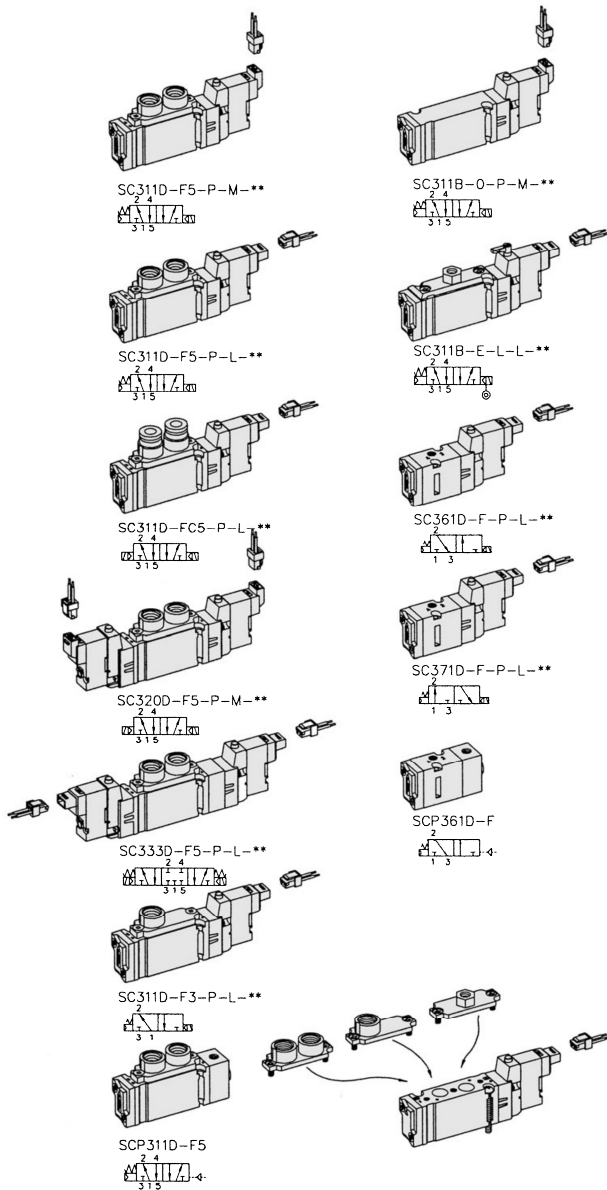


SC300. 1/8

"C" COMPACT Series
Solenoid / Pneumatic Valves

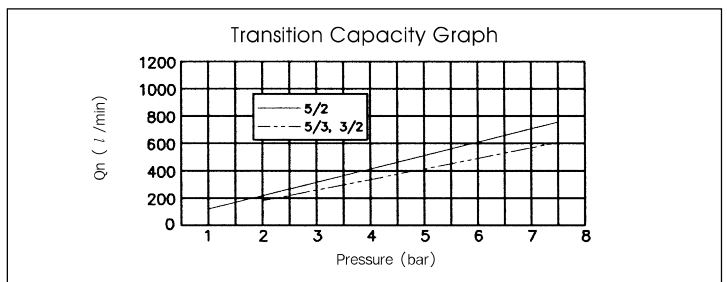
- 5/2, 5/3-1/8, 3/2-M5 ■ 15mm Body Width
- Manifold or Sub-Base Type
- High Efficiency, Space Economy Type
- Transition Flow 500ℓ/min (5bar)



** : Voltage Selection (see page 10)

SPECIFICATION

ITEM	SERIES	SOLENOID, PNEUMATIC	
		FUNCTION	
Fluids		Compressed Air & Inert Gases	
Pressure(bar)		5/2	5/3, 3/2
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(Optional)	
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)	



- ### 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 - F5 - P - L - D4

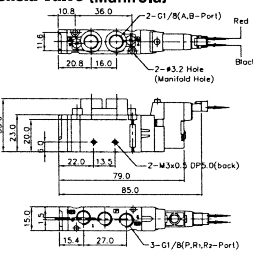
Valve Series	Function	Return Method	Port Type	Port Plate & Thread	Manual Operator	Solenoid Coil Type	Voltage
SC3 : Solenoid Valve	1	5/2 Single	0	None	0	None	0
	2	5/2 Double	1	Air+Spring	P	90 Degree Plug-in Wire Assembly LED	D4
	3	5/3 Closed Center	2	Air	L	Non-Locking	D2
	4	5/3 Open Center	3	Spring	L	Lever Locking	DC 12V
SCP3 : Pneumatic Valve	5	5/3 Pressure Center				M	
	6	3/2 Normally Closed					
	7	3/2 Normally Open					
				F5	5-Port G1/8		
				F3	3-Port G1/8		
				FN5	5-Port NPT1/8		
				FN3	3-Port NPT1/8		
				FC5	5-Port #6 One-Touch Fitting		
				FC3	3-Port #6 One-Touch Fitting		
				E	External End Plate, Plate M5×0.8		

Solenoid & Pilot Actuated Spool Valves

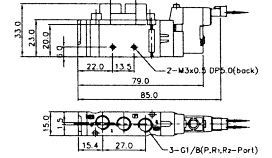
Port Thread 1/8, M5

5Port 2Position Solenoid Valve (Manifold)

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

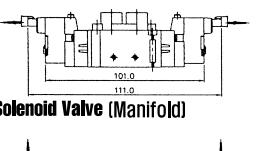


Double Solenoid
SC320D-F5-P-L-***

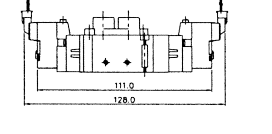


5Port 3Position Solenoid Valve (Manifold)

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



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

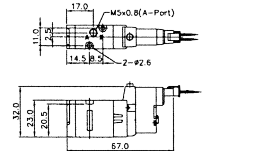


Pressure Center
SC353D-F5-P-M-***



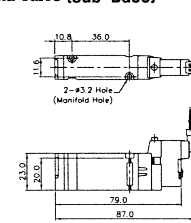
3Port 2Position Solenoid Valve (Manifold)

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

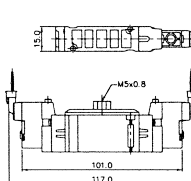


5Port 2Position Solenoid Valve (Sub-Base)

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

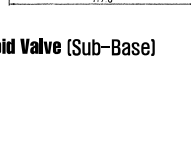


Double Solenoid
External Pilot
SC320B-E-P-M-***

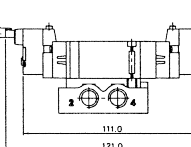


5Port 3Position Solenoid Valve (Sub-Base)

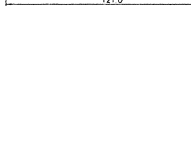
Closed Center
SC333B-0-P-L-***



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

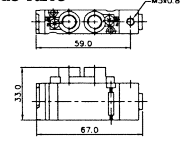


Pressure Center
SC353B-0-P-L-***

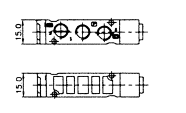


5Port 2Position Pneumatic Valve

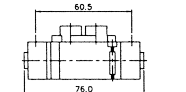
Single Pneumatic
SCP3110-F5



Single Pneumatic
SCP311B

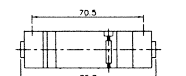


Double Pneumatic
SCP320D-F5



5Port 3Position Pneumatic Valve

Closed Center
SCP333B



Exhaust Center
SCP343B

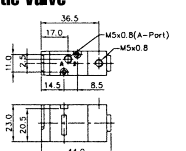


Pressure Center
SCP353B



3Port 2Position Pneumatic Valve

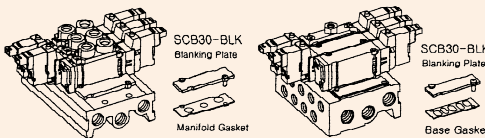
Single Pneumatic
SCP361D



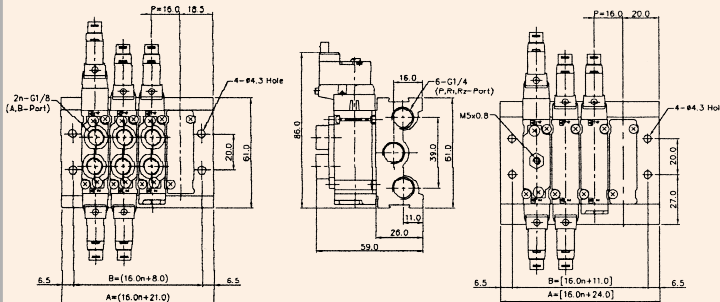
SCB30 SINGLE, DOUBLE MANIFOLD BLOCK

(SC300 Solenoid & Pneumatic Valve Use)

Manifold Block Dimension



Double Modular Manifold Block Dimension



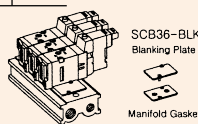
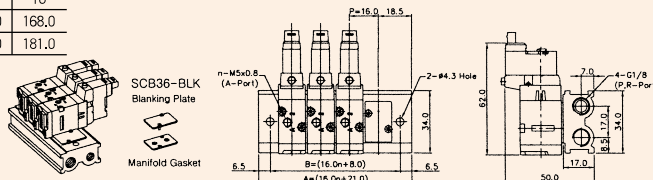
5PORT MANIFOLD BLOCK DIMENSION n=STATION

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

3PORT MANIFOLD BLOCK DIMENSION n=STATION

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

Manifold Block Dimension

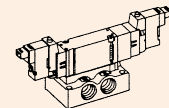


Manifold Ordering Code

SCB3 1 - D - M04

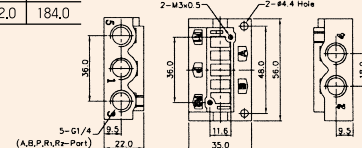
Series	Port & Thread	Function	Manifold Station
SCB23	0 None	0 None	M02 2-Station
SC300 Solenoid Valve	1 G1/4	S Single Station Sub Base	M04 4-Station
	2 NPT	1/4 Port Without Pilot Ports	M06 6-Station
		D Manifold, Port 1/4	M08 8-Station
		DB Double Modular Manifold Block, 1/8 Port	M10 10-Station
		DC6 Double Modular Manifold Block, Ø6 Fitting	
		D3 Manifold, Port 1/8(3/2Way)	

Single Station Sub Base Dimension (SCB31-S)



DOUBLE MODULAR DIMENSION n=STATION

ITEM	n	2	4	6	8	10
B		43.0	75.0	107.0	139.0	171.0
A		56.0	88.0	120.0	152.0	184.0



Ordering Code
SCB36-BLK
Blanking Plate
(Material: S1S304)
Manifold Gasket.
(Material: NBR)

Ordering Code
SCB30-BLK
Blanking Plate
(Material: S1S304)
Manifold Gasket.
Base Gasket.
(Material: NBR)