

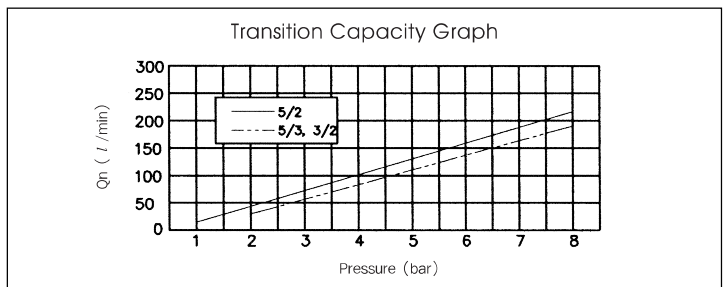
SC200. M5

"C" COMPACT Series
Solenoid / Pneumatic Valves

- 5/2, 5/3-M5, 3/2-M3 ■ 10mm Body Width
- Manifold or Sub-Base Type
- High Efficiency, Space Economy Type
- Transition Flow 130ℓ/min (5bar)

SPECIFICATION

ITEM	SERIES FUNCTION	SOLENOID, PNEUMATIC	
		5/2	5/3, 3/2
Fluids		Compressed Air & Inert Gases	
Pressure(bar)		2.0~7.0	2.5~7.0
Eff. Sectional Area(mm ²)-5bar		2.3	1.8
Ambient & Fluid Temp.		5~60°C (41~140°F)	
Response Time(5bar)		20ms or Less	30ms or Less
Max. Working Frequency		10c/sec	8c/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)	

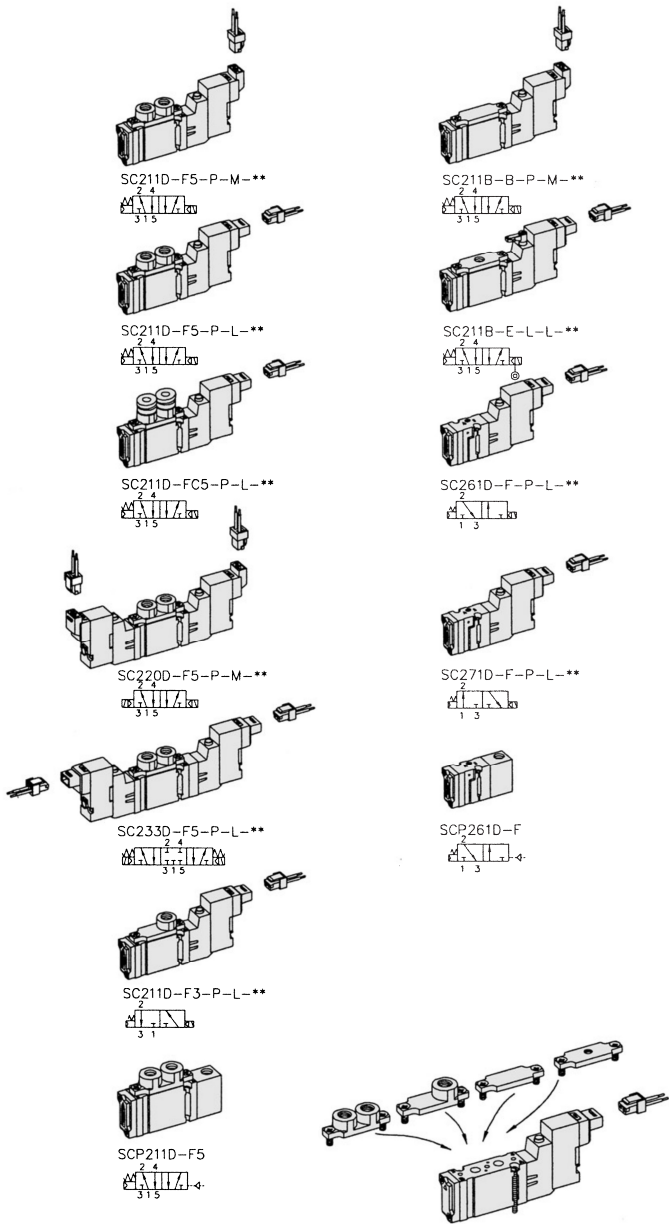


- ### The Material of Parts
- Valve Body : Die-Cast Aluminium
 - Spool : Aluminium
 - Seals : NBR
 - Spring : Stainless
 - Cap : Zinc Pressure Die-Cast
 - Pilot Parts : Glass Filled Nylon
 - Armature : Stainless Steel
 - Armature Seals : Viton

Port Plate Ordering Code (Material : Zinc)

- SC200-F5: 5Port M5 Bottom Port Plate
- SC200-FC5: 5-Port ϕ 4 One-Touch Fitting
- SC200-B: Blanking Plate
- SC200-F3: 3Port M5 Bottom Port Plate
- SC200-FC3: 3-Port ϕ 4 One-Touch Fitting
- SC200-E: External Plate

* 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.



** : Voltage Selection (see page 10)

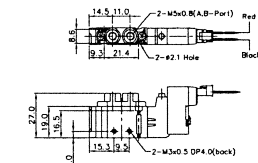
ORDERING NO.

SC2 1 1 D - F5 - P - L - D4

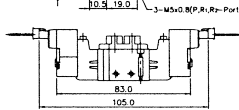
Valve Series	Function	Return Method	Port Type	Port Plate & Thread	Manual Operator	Solenoid Coil Type	Voltage	
SC2 : Solenoid Valve	1	5/2 Single	0	None	D	Manifold	0	None
	2	5/2 Double	1	Air+Spring	B	Sub-Base	F5	5-Port M5×0.8
	3	5/3 Closed Center	2	Air	F3	3-Port M5×0.8	P	Push Non-Locking
	4	5/3 Open Center	3	Spring	FN5	5-Port NPT M5×0.8	L	Lever Locking
SCP2 : Pneumatic Valve	5	5/3 Pressure Center			FN3	3-Port NPT M5×0.8	M	180 Degree Plug-in Wire Assembly LED
	6	3/2 Normally Closed			FC5	5-Port ϕ 4 One-Touch Fitting		
	7	3/2 Normally Open			FC3	3-Port ϕ 4 One-Touch Fitting		
				E	External End Plate, Plate M3×0.5			
				B	Blanking End Plate			

5Port 2Position Solenoid Valve (Manifold)

Single Solenoid
SC211D-F5-P-L-***

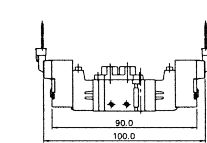


Double Solenoid
SC220D-F5-P-L-***



5Port 3Position Solenoid Valve (Manifold)

Closed Center
SC233D-F5-P-M-***



Exhaust Center
SC243D-F5-P-M-***

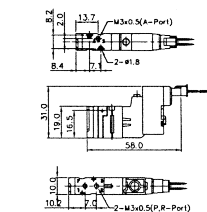


Pressure Center
SC253D-F5-P-M-***



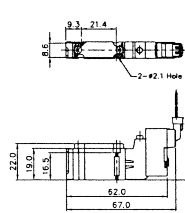
3Port 2Position Solenoid Valve (Manifold)

Single Solenoid
SC261D-F-P-L-***

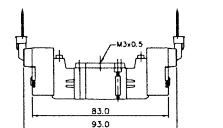


5Port 2Position Solenoid Valve (Sub-Base)

Single Solenoid
SC211B-B-P-L-***

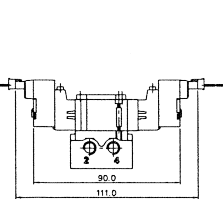


Double Solenoid
External Pilot
SC220B-E-P-M-***



5Port 3Position Solenoid Valve (Sub-Base)

Closed Center
SC233B-B-P-L-***



Exhaust Center
SC243B-B-P-L-***

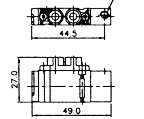


Pressure Center
SC253B-B-P-L-***



5Port 2Position Pneumatic Valve

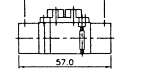
Single Pneumatic
SCP211D-F5



Single Pneumatic
SCP211B-B

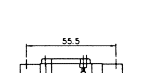


Double Pneumatic
SCP220D-F5



5Port 3Position Pneumatic Valve

Closed Center
SCP233B-B



Exhaust Center
SCP243B-B

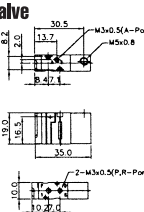


Pressure Center
SCP253B-B



3Port 2Position Pneumatic Valve

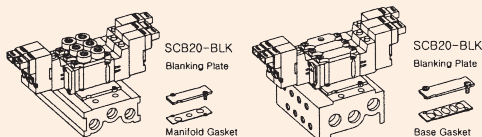
Single Pneumatic
SCP261D



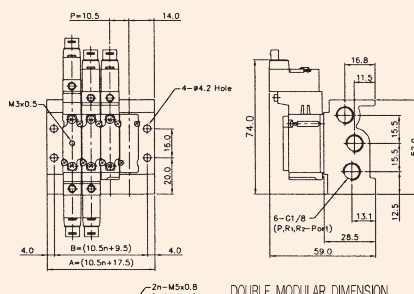
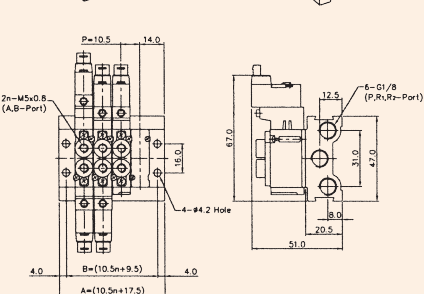
SCB20 SINGLE, DOUBLE MANIFOLD BLOCK

(SC200 Solenoid & Pneumatic Valve Use)

Manifold Block Dimension



Double Modular Manifold Block Dimension



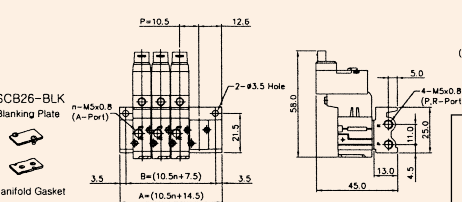
5PORT MANIFOLD BLOCK DIMENSION n=STATION

ITEM	n	2	4	6	8	10
B		30.5	51.5	72.5	93.5	114.5
A		38.5	59.5	80.5	101.5	122.5

3PORT MANIFOLD BLOCK DIMENSION n=STATION

ITEM	n	2	4	6	8	10
B		28.5	49.5	70.5	91.5	112.5
A		35.5	56.5	77.5	98.5	119.5

Manifold Block Dimension

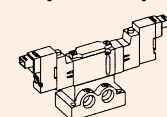


Manifold Ordering Code

SCB2 1 - D - M04

Series	Port & Thread	Function	Manifold Station
SCB2	0 None	0 None	M02 2-Station
SC200 Solenoid Valve	1 G1/4	S Single Station Sub Base, 1/8 Port Without Pilot Ports	M04 4-Station
	2 NPT	D Manifold, Port 1/8	M06 6-Station
		DB Double Modular Manifold Block, M5 Port	M08 8-Station
		DC4 Double Modular Manifold Block, Ø4 Fitting	M10 10-Station
		D3 Manifold, M5 Port Without Pilot Ports(3/2Way)	

Single Station Sub Base Dimension (SCB21-S)



DOUBLE MODULAR DIMENSION n=STATION

ITEM	n	2	4	6	8	10
B		30.5	51.5	72.5	93.5	114.5
A		38.5	59.5	80.5	101.5	122.5



Ordering Code
SCB26-BLK
Blanking Plate
(Material: STS304)
Manifold Gasket.
(Material: NBR)



Ordering Code
SCB26-BLK
Blanking Plate
(Material: STS304)
Manifold Gasket.
Base Gasket.
(Material: NBR)