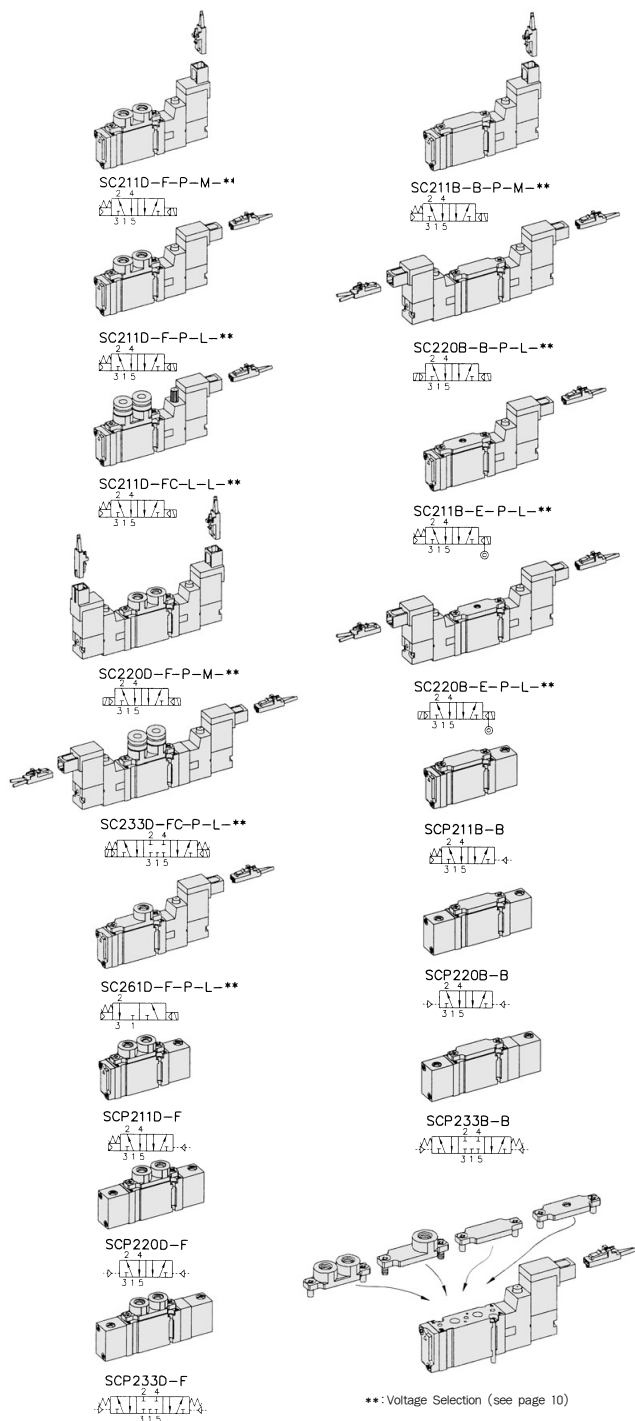


SC200. M5

"C" COMPACT Series

Solenoid / Pneumatic Valves

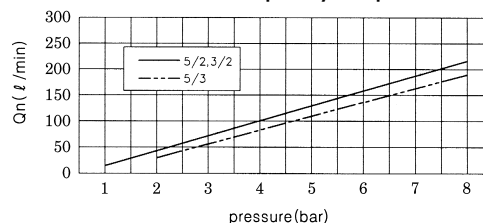
- 5/2, 5/3, 3/2-M5 ■ 10mm Body Width
- Manifold or Sub-Base Type
- High Efficiency, Space Economy Type
- Transition Flow 130ℓ/min (5bar)



SPECIFICATION

ITEM	FUNCTION	SOLENOID, PNEUMATIC	
		5, 3 Port 2 Position	5 Port 3 Position
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(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)	

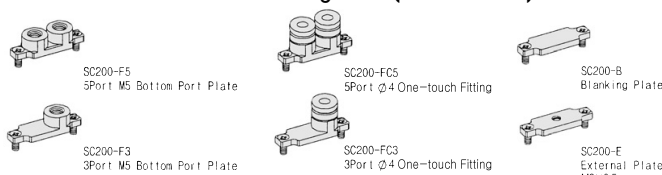
Transition Capacity Graph



The Material of Parts

- Valve Body : Die-Cast Aluminium
- 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)

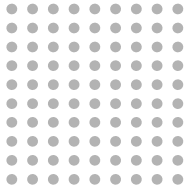


* The specification on each item can be amended without any prenotice to improve a performance.
* The specification on each item can be different from actual specification.

ORDERING NO.

SC2 1 1 D - F - 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	F	M5×0.8	O	None	O	None	0	None
	2 5/2 Double	1	Air + Spring	B	Sub-Base	FN	10-32 UNF	P	Push Non-Locking	L	90 Degree Plug-in Wire Assembly LED	D4	DC 24V
	3 5/3 Closed Center	2	Air			FC	φ4 One-Touch Fitting	L	Lever Locking	M	180 Degree Plug-in Wire Assembly LED	D2	DC 12V
	4 5/3 Open Center	3	Spring			B	Blanking End Plate						
SCP2 : Pneumatic Valve	5 5/3 Pressure Center					E	External End Plate, Plate M3×0.5						
	6 3/2 Normally Closed												
	7 3/2 Normally Open												

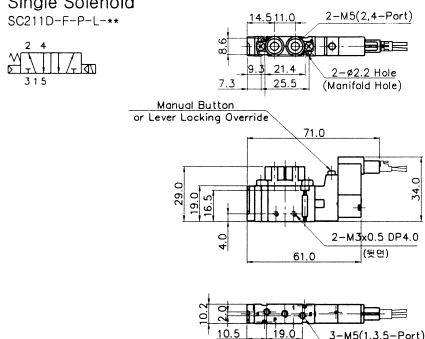


Solenoid & Pilot Actuated Spool Valves

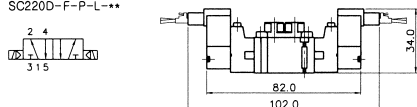
Port Thread M5

5Port 2Position Solenoid Valve (Manifold)

Single Solenoid
SC211D-F-P-L-***

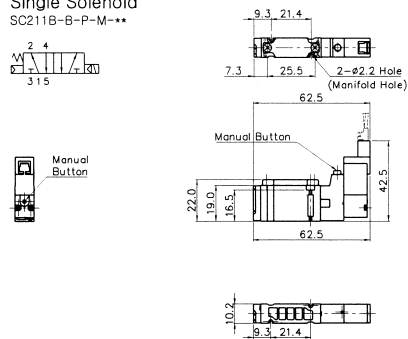


Double Solenoid
SC220D-F-P-L-***

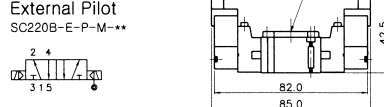


5Port 2Position Solenoid Valve (Sub-Base)

Single Solenoid
SC211B-B-P-M-***

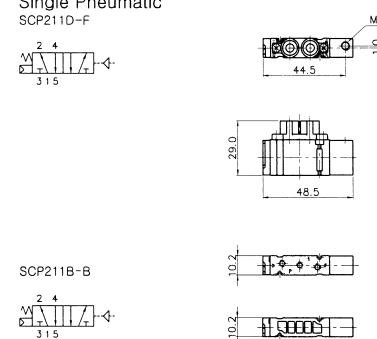


Double Solenoid
External Pilot
SC220B-E-P-M-***

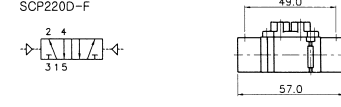


5Port 2Position Pneumatic Valve

Single Pneumatic
SCP211D-F

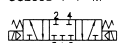


Double Pneumatic
SCP220D-F



5Port 3Position Solenoid Valve (Manifold)

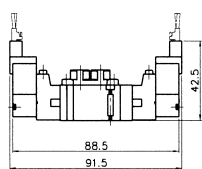
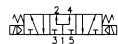
Closed Center
SC233D-F-P-M-***



Exhaust Center
SC243D-F-P-M-***

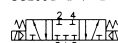


Pressure Center
SC253D-F-P-M-***

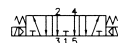


5Port 3Position Solenoid Valve (Sub-Base)

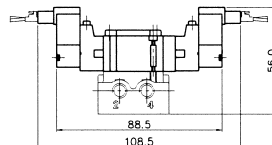
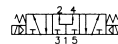
Closed Center
SC233B-B-P-L-***



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

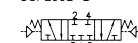


Pressure Center
SC253B-B-P-L-***

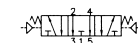


5Port 3Position Pneumatic Valve

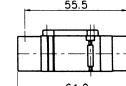
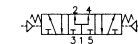
Closed Center
SCP233B-B



Exhaust Center
SCP243B-B



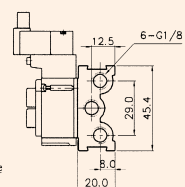
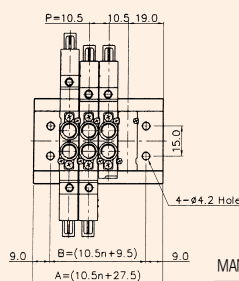
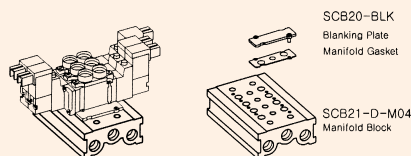
Pressure Center
SCP253B-B



SCB20 SINGLE, DOUBLE MANIFOLD BLOCK

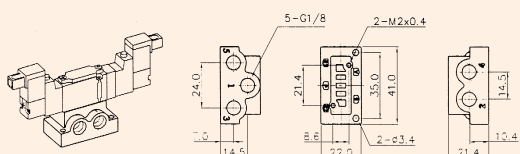
(SC200 Solenoid & Pneumatic Valve Use)

Manifold Block Dimension



MANIFOLD BLOCK DIMENSION		n = STATION				
ITEM	n	2	4	6	8	10
B		30.5	51.5	72.5	93.5	114.5
A		48.5	69.5	90.5	111.5	132.5

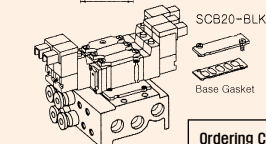
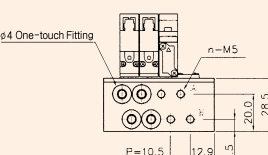
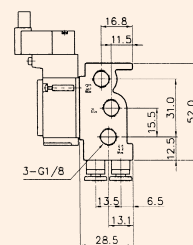
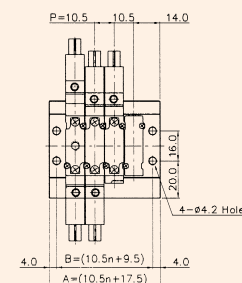
Single Station Sub Base Dimension



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 G	D Manifold, Port 1/8	M04 4-Station
	2 NPT	S Single Station Sub Base, 1/8 Port Without Pilot Ports	M06 6-Station
		DB Double Modular Sub Base, M5 Port Without Pilot Ports	M08 8-Station
		DC4 Double Modular Sub Base, #4 Fitting	M10 10-Station

Double Modular Sub Base Manifold Block Dimension



DOUBLE BASE 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

Ordering Code

- SCB20-BLK
- Blanking Plate (Material: STS304)
 - Manifold Gasket.
 - Base Gasket (Material: NBR)