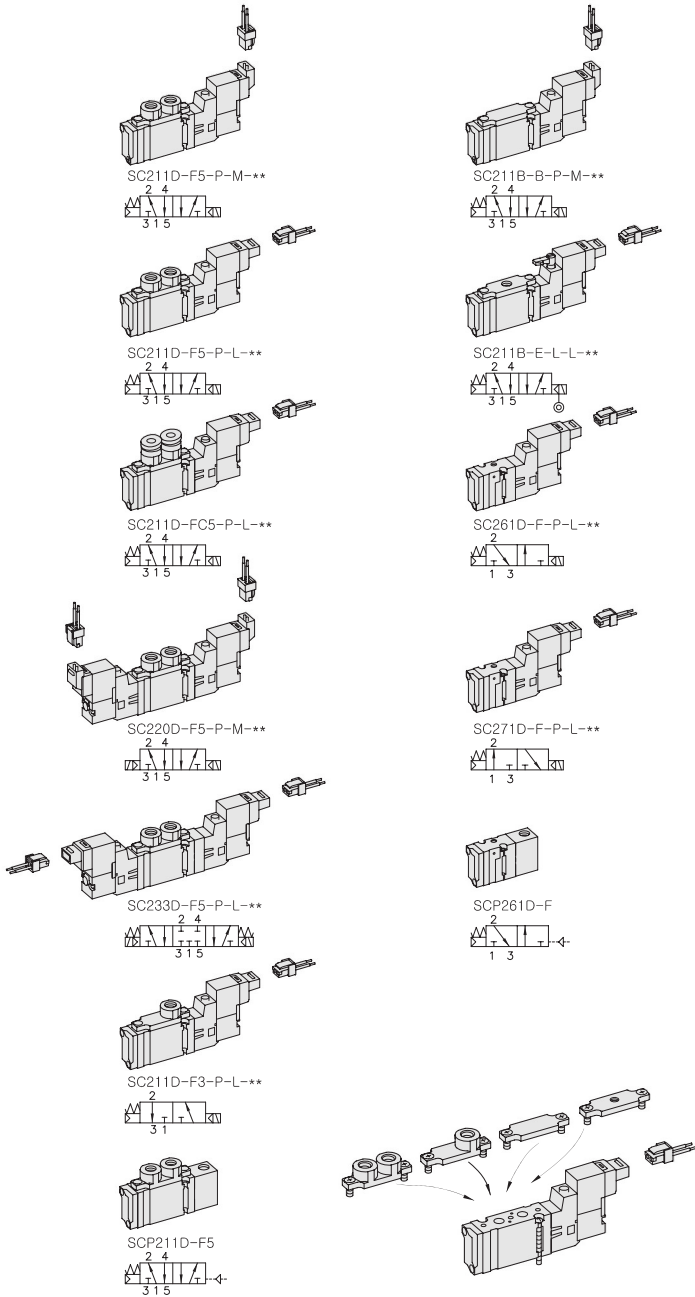


SC200. M5

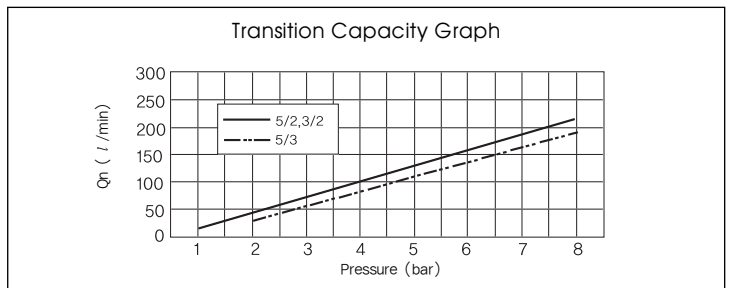
"C" COMPACT Series
Solenoid / Pneumatic Valves

- 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

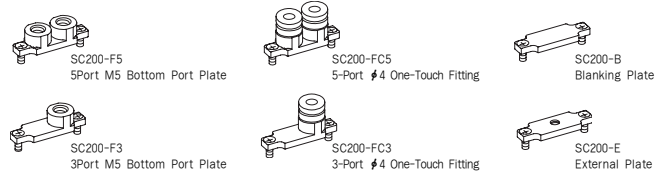
ITEM	SERIES	SOLENOID, PNEUMATIC	
		FUNCTION	
		5, 3Port 2Position	5Port 3Position
Fluids		Compressed Air & Inert Gases	
Pressure(bar)		2.0~7.0	2.5~7.0
Eff. Sectional Area(mm ²)-5bar		2.3	1.8
Ambient & Fluid Temp.		5~60°C (41~140°F)	
Response Time(5bar)		20ms or Less	30ms or Less
Max. Working Frequency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

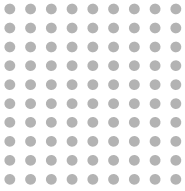


* The specification on each item can be amended without any prenotice to improve a performance.
* The specification on each item can be different from actual specification.

ORDERING NO.

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

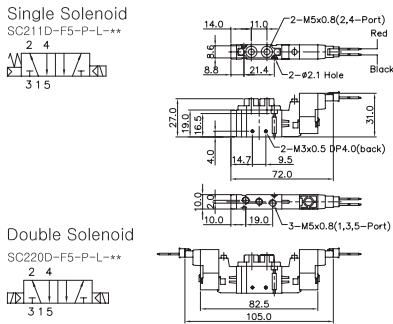
Valve Series	Function	Return Method	Port Type	Port Plate & Thread	Manual Operator	Solenoid Coil Type	Voltage
SC2 : Solenoid Valve	1 5/2 Single	0 None	D Manifold	0 None	0 None	0 None	0 None
	2 5/2 Double	1 Air + Spring	B Sub-Base	F5 5-Port M5×0.8	P Push Non-Locking	L 90 Degree Plug-in Wire Assembly with LED	D4 DC 24V
	3 5/3 Closed Center	2 Air		F3 3-Port M5×0.8	L Lever Locking	M 180 Degree Plug-in Wire Assembly with LED	D2 DC 12V
SCP2 : Pneumatic Valve	4 5/3 Open Center	3 Spring		FN5 5-Port NPT M5×0.8			
	5 5/3 Pressure Center			FN3 3-Port NPT M5×0.8			
	6 3/2 Normally Closed			FC5 5-Port φ4 One-Touch Fitting			
	7 3/2 Normally Open			FC3 3-Port φ4 One-Touch Fitting			
				E External End Plate, Plate M3×0.5			
				B Blanking End Plate			



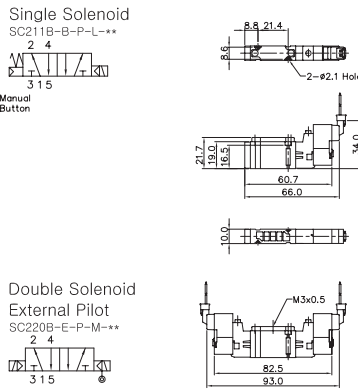
Solenoid & Pilot Actuated Spool Valves

Port Thread M5, M3

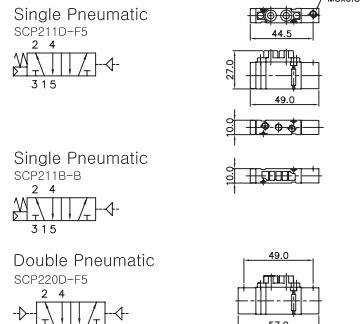
5Port 2Position Solenoid Valve (Manifold)



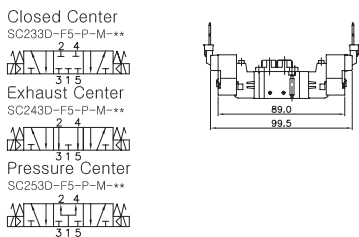
5Port 2Position Solenoid Valve (Sub-Base)



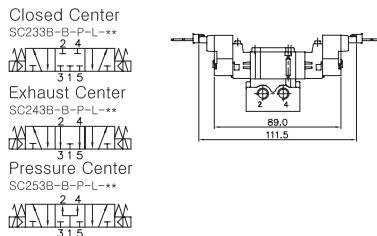
5Port 2Position Pneumatic Valve



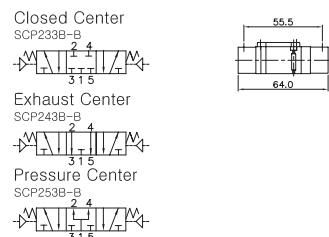
5Port 3Position Solenoid Valve (Manifold)



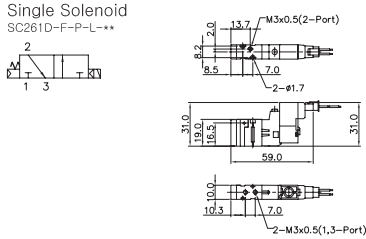
5Port 3Position Solenoid Valve (Sub-Base)



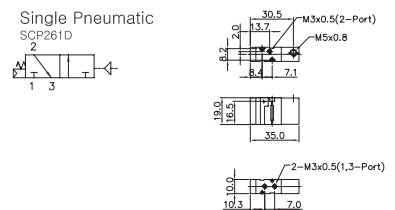
5Port 3Position Pneumatic Valve



3Port 2Position Solenoid Valve (Manifold)



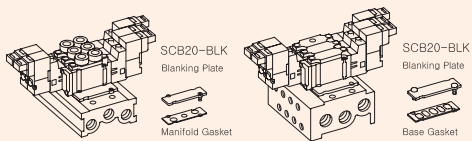
3Port 2Position Pneumatic Valve



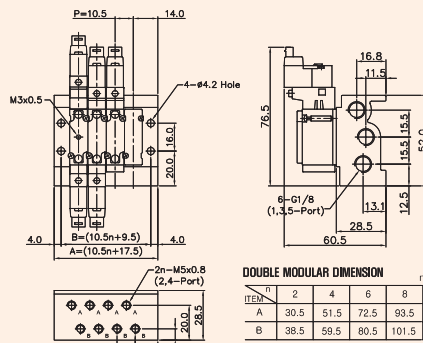
SCB20 SINGLE, DOUBLE MANIFOLD BLOCK

(SC200 Solenoid & Pneumatic Valve Use)

Manifold Block Dimension



Double Modular Manifold Block Dimension

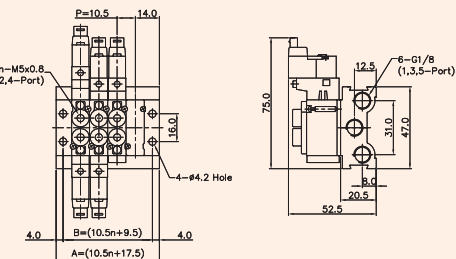
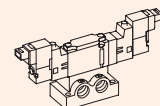


Manifold Ordering Code

SCB2 1 - D - M04

Series	Port & Thread	Function	Manifold Station
SCB2	0 None	0 None	M02 2-Station
SC200 Solenoid Valve	1 G	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, Ø 4 Fitting	M10 10-Station
		D3 Manifold, M5 Port Without Pilot Ports(3/2Way)	

Single Station Sub Base Dimension (SCB21-S)



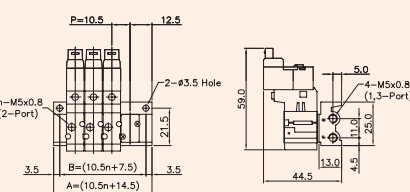
DOUBLE MODULAR DIMENSION

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

5PORT MANIFOLD BLOCK DIMENSION

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

Manifold Block Dimension



3PORT MANIFOLD BLOCK DIMENSION

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

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

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