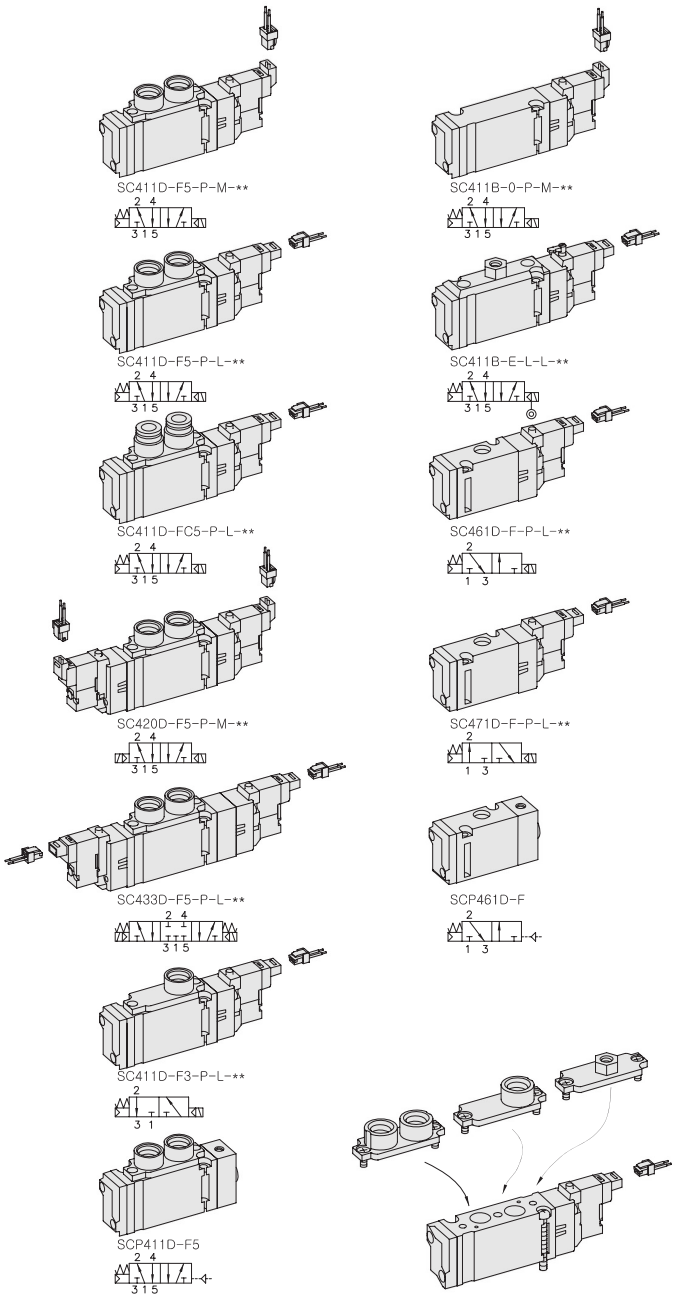
SC400. 1/4

"C" COMPACT Series
Solenoid / Pneumatic Valves

- 5/2, 5/3-1/4, 3/2-1/8
- 18mm Body Width
- Manifold or Sub-Base Type
- High Efficiency, Space Economy Type
- Transition Flow 900ℓ/min (5bar)

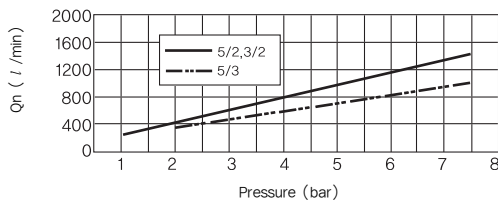


**: Voltage Selection (see page 10)

SPECIFICATION

ITEM \ SERIES / FUNCTION	SOLENOID, PNEUMATIC	
	5, 3Port 2Position	5Port 3Position
Fluids	Compressed Air & Inert Gases	
Pressure(bar)	1.5~7.0	2.0~7.0
Eff. Sectional Area(㎟)-5bar	16.0	12.0
Ambient & Fluid Temp.	5~60℃(41~140℉)	
Response Time(5bar)	25ms or Less	35ms or Less
Max. Working Frequency	5c/sec	3c/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)	

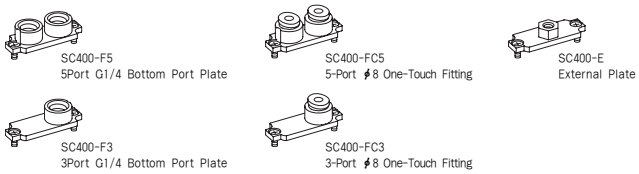
Transition Capacity Graph



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.

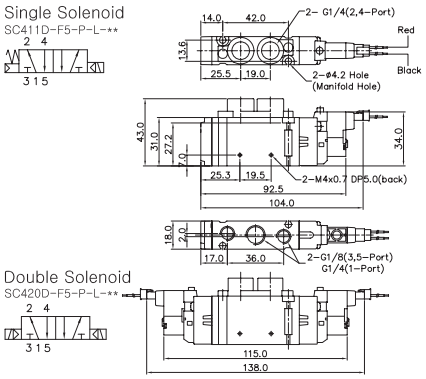
ORDERING NO.

SC4 [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 G1/4	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 G1/4	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 NPT1/4			
	5 5/3 Pressure Center			FN3 3-Port NPT1/4			
	6 3/2 Normally Closed			FC5 5-Port ∅8 One-Touch Fitting			
	7 3/2 Normally Open			FC3 3-Port ∅8 One-Touch Fitting			
				E External End Plate, Plate M5×0.8			

5Port 2Position Solenoid Valve (Manifold)

Single Solenoid
SC411D-F5-P-L-**



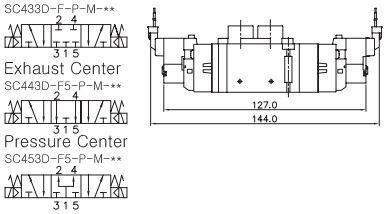
Double Solenoid
SC420D-F5-P-L-**

5Port 3Position Solenoid Valve (Manifold)

Closed Center
SC433D-F-P-M-**

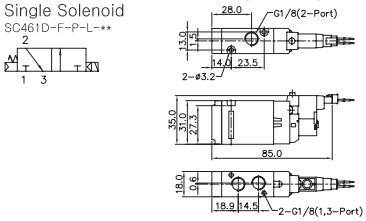
Exhaust Center
SC443D-F5-P-M-**

Pressure Center
SC453D-F5-P-M-**



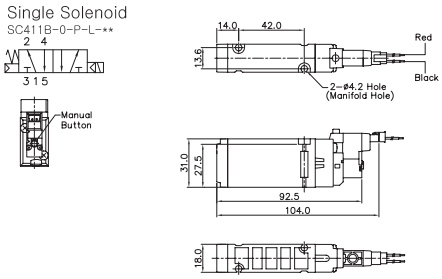
3Port 2Position Solenoid Valve (Manifold)

Single Solenoid
SC461D-F-P-L-**

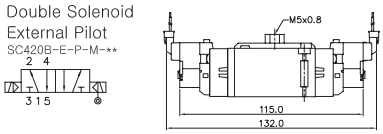


5Port 2Position Solenoid Valve (Sub-Base)

Single Solenoid
SC411B-0-P-L-**



Double Solenoid
External Pilot
SC420B-E-P-M-**

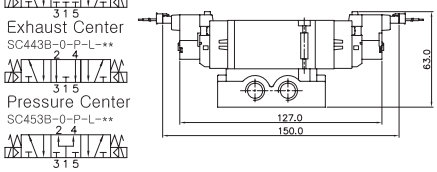


5Port 3Position Solenoid Valve (Sub-Base)

Closed Center
SC433B-0-P-L-**

Exhaust Center
SC443B-0-P-L-**

Pressure Center
SC453B-0-P-L-**

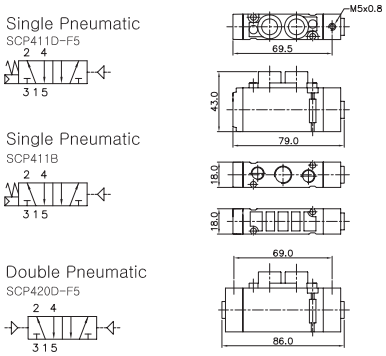


5Port 2Position Pneumatic Valve

Single Pneumatic
SCP411D-F5

Single Pneumatic
SCP411B

Double Pneumatic
SCP420D-F5

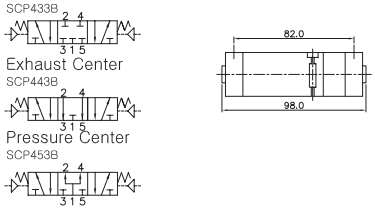


5Port 3Position Pneumatic Valve

Closed Center
SCP433B

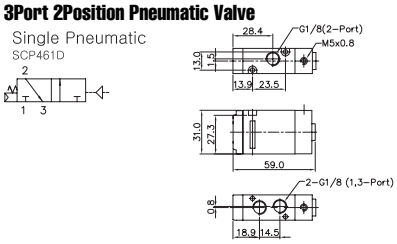
Exhaust Center
SCP443B

Pressure Center
SCP453B



3Port 2Position Pneumatic Valve

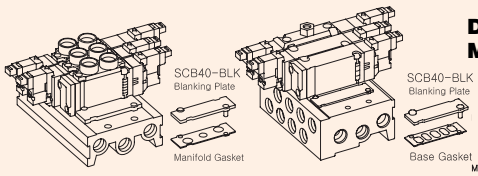
Single Pneumatic
SCP461D

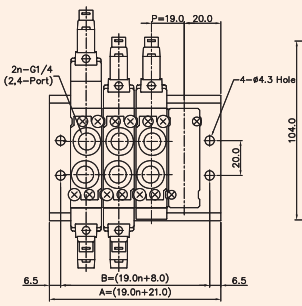


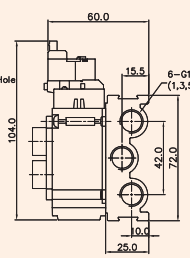
SCB40 SINGLE, DOUBLE MANIFOLD BLOCK

(SC400 Solenoid & Pneumatic Valve Use)

Manifold Block Dimension







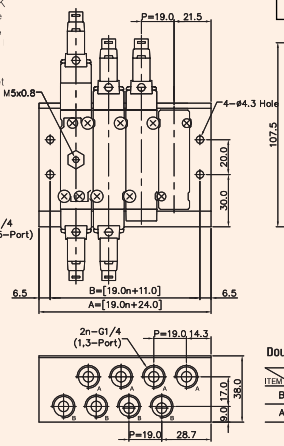
5Port Manifold Block Dimention

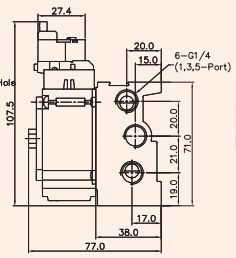
ITEM \ n (STATION)	2	4	6	8	10
B	46.0	84.0	122.0	160.0	198.0
A	59.0	97.0	135.0	173.0	211.0

3Port Manifold Block Dimention

ITEM \ n (STATION)	2	4	6	8	10
B	46.0	84.0	122.0	160.0	198.0
A	59.0	97.0	135.0	173.0	211.0

Double Modular Manifold Block Dimension

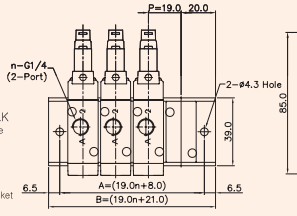


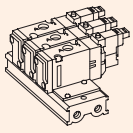


Double Modular Sub Base Dimention

ITEM \ n (STATION)	2	4	6	8	10
B	49.0	87.0	125.0	163.0	201.0
A	62.0	100.0	138.0	176.0	214.0

Manifold Block Dimension



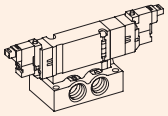


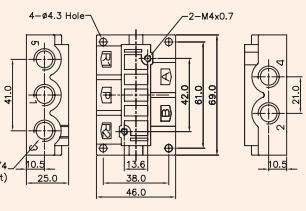
Manifold Ordering Code

SCB4	1	-	D	-	M04

Series	Port & Thread		Function		Manifold Station	
SCB3 SC400 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, 1/4 Port	M08	8-Station
			DC8	Double Modular Manifold Block, ø8 Fitting	M10	10-Station
			D3	Manifold, Port 1/8 (3/2Way)		

Single Station Sub Base Dimension (SCB41-S)





Ordering Code
SCB46-BLK
Blanking Plate (Material : STS304)
Manifold Gasket. (Material : NBR)

Ordering Code
SCB40-BLK
Blanking Plate (Material : STS304)
Manifold Gasket.
Base Gasket. (Material : NBR)