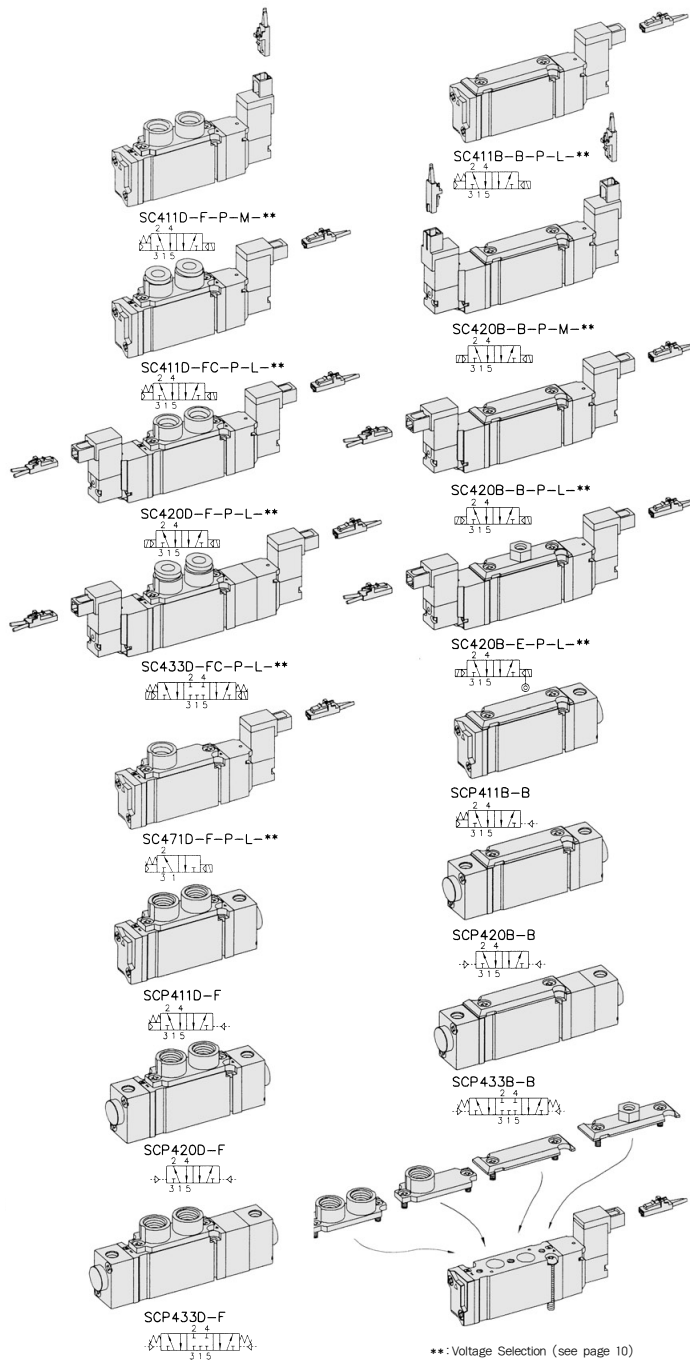


SC400. 1/4

"C" COMPACT Series

Solenoid / Pneumatic Valves

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

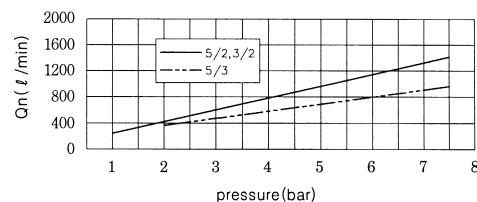


** : Voltage Selection (see page 10)

SPECIFICATION

ITEM	FUNCTION	SOLENOID, PNEUMATIC	
		5, 3 Port 2 Position	5 Port 3 Position
Fluids		Compressed Air & Inert Gases	
Pressure(bar)		1.5~7.0	2.0~7.0
Eff. Sectional Area(mm ²) -5bar		16.0	12.0
Ambient & Fluid Temp.		5~60°C (41~140°F)	
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:1.2W(50mA)	

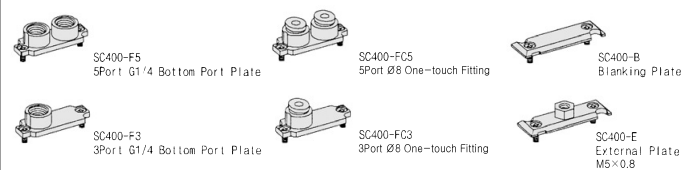
Transition Capacity Graph



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.

SC4 1 1 D - F - P - L - D4

Valve Series	Function	Return Method		Port Type		Port Plate & Thread		Manual Operator		Solenoid Coil Type		Voltage	
SC4 : Solenoid Valve	1 5/2 Single	0	None	D	Manifold	F	G1/4	0	None	0	None	0	None
	2 5/2 Double	1	Air + Spring	B	Sub-Base	FN	NPT 1/4	P	Push	L	90 Degree Plug-in Wire Assembly LED	D4	DC 24V
	3 5/3 Closed Center	2	Air			FC	Ø8 One-Touch Fitting		Non-Locking			D2	DC 12V
	4 5/3 Open Center	3	Spring			B	Blanking End Plate	L	Lever Locking	M	180 Degree Plug-in Wire Assembly LED		
SCP4 : Pneumatic Valve	5 5/3 Pressure Center					E	External End Plate, Plate M5×0.8						
	6 3/2 Normally Closed												
	7 3/2 Normally Open												

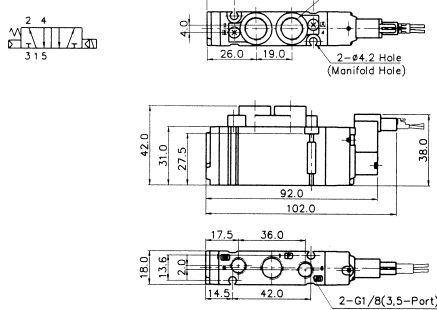


Solenoid & Pilot Actuated Spool Valves

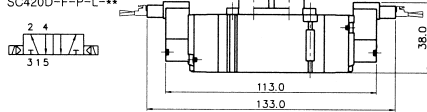
Port Thread 1/4

5Port 2Position Solenoid Valve (Manifold)

Single Solenoid
SC411D-F-P-L-***

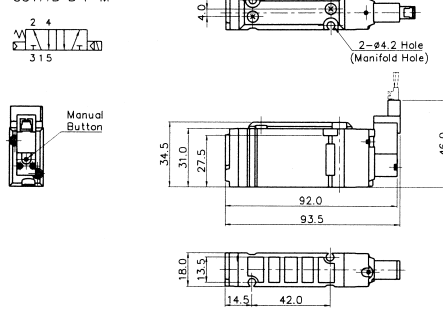


Double Solenoid
SC420D-F-P-L-***

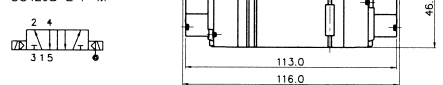


5Port 2Position Solenoid Valve (Sub-Base)

Single Solenoid
SC411B-B-P-M-***

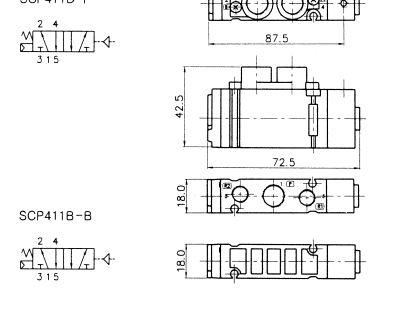


Double Solenoid
External Pilot
SC420B-B-P-M-***

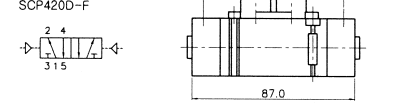


5Port 2Position Pneumatic Valve

Single Pneumatic
SCP411D-F

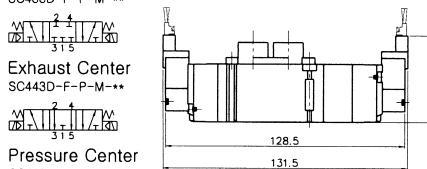


Double Pneumatic
SCP420D-F

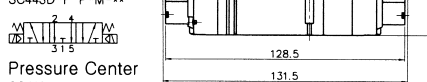


5Port 3Position Solenoid Valve (Manifold)

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



Exhaust Center
SC443D-F-P-M-***

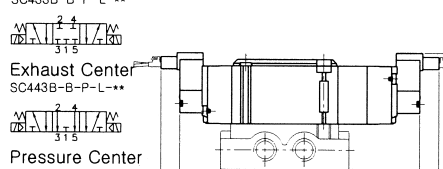


Pressure Center
SC453D-F-P-M-***

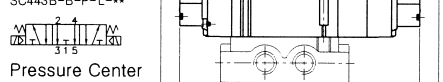


5Port 3Position Solenoid Valve (Sub-Base)

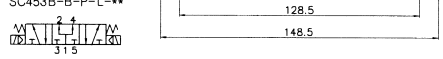
Closed Center
SC433B-B-P-L-***



Exhaust Center
SC443B-B-P-L-***

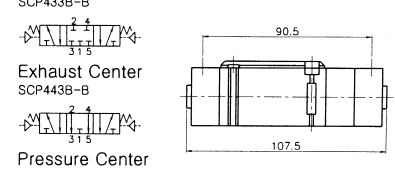


Pressure Center
SC453B-B-P-L-***



5Port 3Position Pneumatic Valve

Closed Center
SCP433B-B



Exhaust Center
SCP443B-B



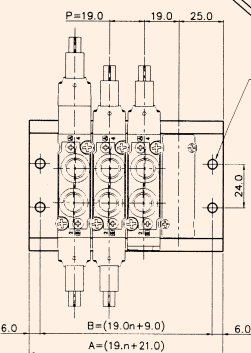
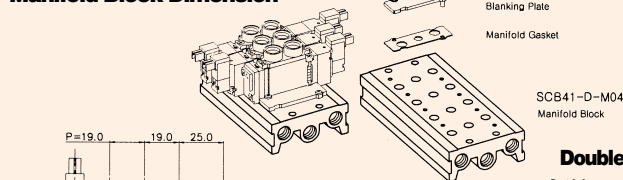
Pressure Center
SCP453B-B



SCB40 SINGLE, DOUBLE MANIFOLD BLOCK

(SC400 Solenoid & Pneumatic Valve Use)

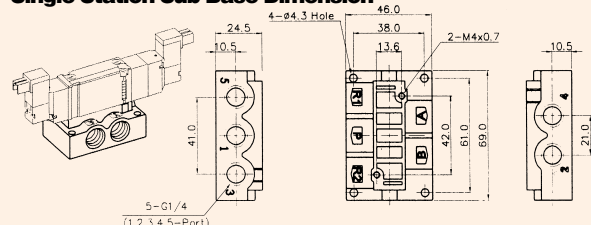
Manifold Block Dimension



MANIFOLD BLOCK DIMENSION n = STATION

ITEM	n	2	4	6	8	10
B		47.0	85.0	123.0	161.0	199.0
A		59.0	97.0	135.0	173.0	211.0

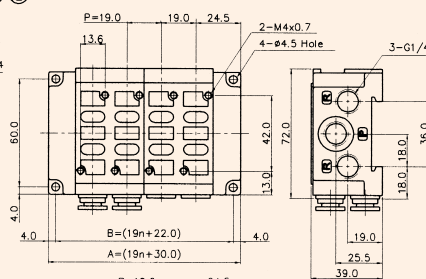
Single Station Sub Base Dimension



Manifold Ordering Code

Series	Port & Thread	Function	Manifold Station
SCB4	0 None	0 None	M02 2-Station
SC400 Solenoid Valve	1 G	D Manifold, Port 1/4	M04 4-Station
	2 NPT	S Single Station Sub Base, 1/4 Port Without Pilot Ports	M06 6-Station
		DB Double Modular Sub Base, 1/4 Port Without Pilot Ports	M08 8-Station
		DC8 Double Modular Sub Base, 1/4 Port Without Pilot Ports	M10 10-Station
		E End Cover, 1/4 Port	
		EB End Blanking Cover	

Double Modular Sub Base Dimension



DOUBLE MODULAR SUB BASE DIMENSION n = STATION

ITEM	n	2	4	6	8	10
B		60.0	98.0	136.0	174.0	212.0
A		68.0	106.0	144.0	182.0	220.0

SCB40-BLK

Base Gasket.

Ordering Code

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

Ordering Code

SCB41-E
End Cover, 1/4
(Material: Al)

Ordering Code

SCB40-EB
End Blanking
Cover
(Material: Al)

Ordering Code

SCB40-DC8
Double Modular
Sub Base
1/8 One-touch
Fitting
(Material: Al)

Ordering Code

SCB41-DB
Double Modular
Sub Base, 1/4
(Material: Al)