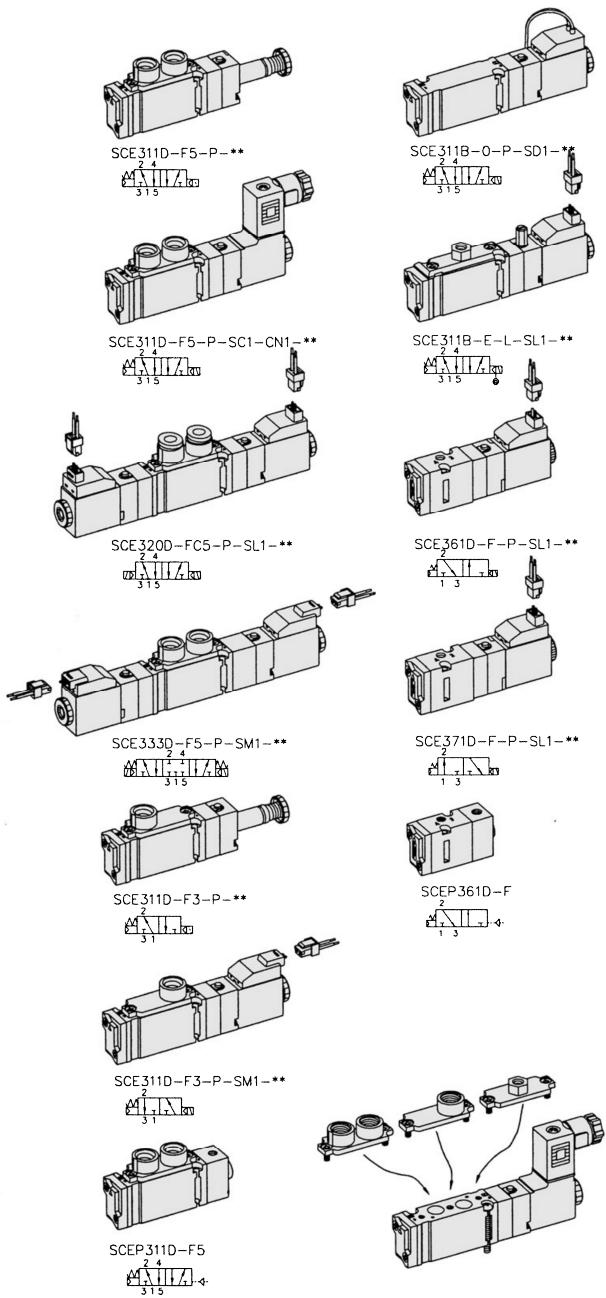


SCE300.1/8

"E" ECONOMY Series
Solenoid / Pneumatic Valves

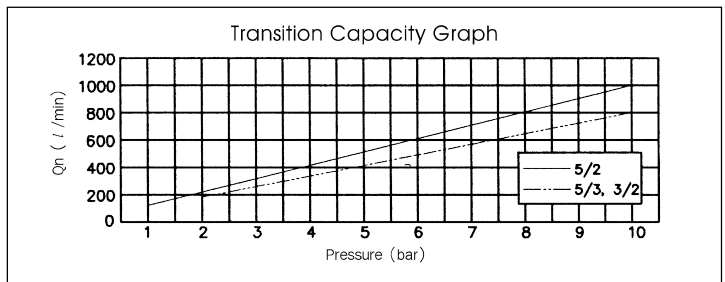
- 5/2, 5/3-1/8, 3/2-M5 ■ 15mm Body Width
- Manifold or Sub-Base Type
- High Efficiency, Expense Reduction Type
- Transition Flow 500ℓ/min (5bar)



**: Voltage Selection (see page 80)

SPECIFICATION

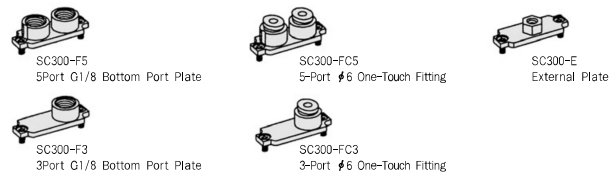
ITEM	SERIES	SOLENOID, PNEUMATIC	
		5/2	5/3, 3/2
Fluids		Compressed Air & Inert Gases	
Pressure(bar)		1.5~10.0	2.0~10.0
Eff. Sectional Area(mm ²)-5bar		9.5	7.5
Ambient & Fluid Temp.		5~60°C (41~140°F)	
Response Time(5bar)		25ms or Less	35ms or Less
Max. Working Frequency		8c/sec	5c/sec
Lubrication		Not 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		AC:20% or Less / DC:10% or Less	
Power Consumption		Holding-AC:3.5VA(60Hz) / DC:2.5W	



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.

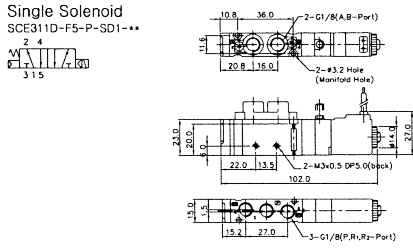
SCE3 1 1 D - F5 - P - SC1 - CN1 - D4

Valve Series	Function	Return Method	Port Type	Port Plate & Thread	Manual Operator	Solenoid Coil Type	Connector Type	Voltage		
SCE3 : Solenoid Valve	1	5/2 Single	0	None	D	None	0	None		
	2	5/2 Double	1	Air + Spring	B	Sub-Base	CN1	Normal Connector	A1	AC 220V
	3	5/3 Closed Center	2	Air	F3	3-Port G1/4	SG1	Crommet/Flying Leads	A2	AC 110V
SCEP3 : Pneumatic Valve	4	5/3 Open Center	3	Spring	FN5	5-Port NPT1/4	SD1	Crommet/Flying Leads With LED	A4	AC 24V
	5	5/3 Pressure Center			FN3	3-Port NPT1/4			D4	DC 24V
	6	3/2 Normally Closed			FC5	5-Port #6 One-Touch Fitting	SL1	90 Degree Plug-in Wire Assembly LED	D2	DC 12V
	7	3/2 Normally Open			FC3	3-Port #6 One-Touch Fitting	SM1	180 Degree Plug-in Wire Assembly LED		
				E	External End Plate, Plate M5×0.8					

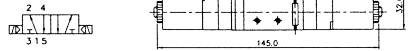
Solenoid & Pilot Actuated Spool Valves

Port Thread 1/8, M5

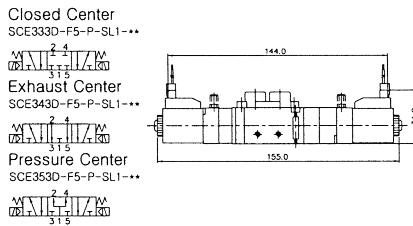
5Port 2Position Solenoid Valve (Manifold)



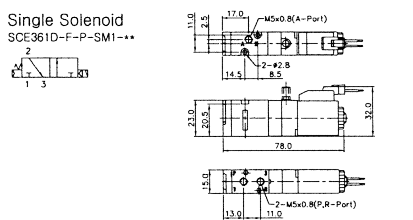
Double Solenoid SCE320D-F5-P-SM1-...



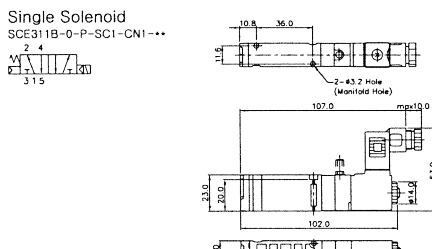
5Port 3Position Solenoid Valve (Manifold)



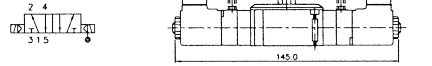
3Port 2Position Solenoid Valve (Manifold)



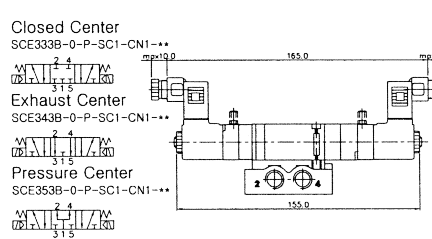
5Port 2Position Solenoid Valve (Sub-Base)



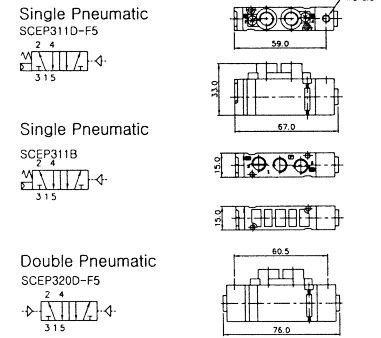
Double Solenoid External Pilot SCE320B-E-P-SC1-CN1-...



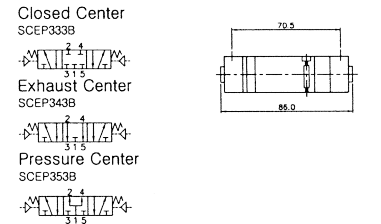
5Port 3Position Solenoid Valve (Sub-Base)



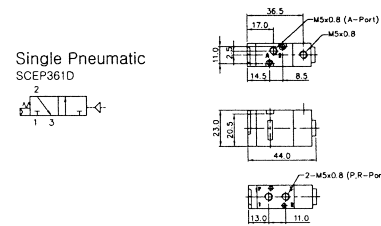
5Port 2Position Pneumatic Valve



5Port 3Position Pneumatic Valve



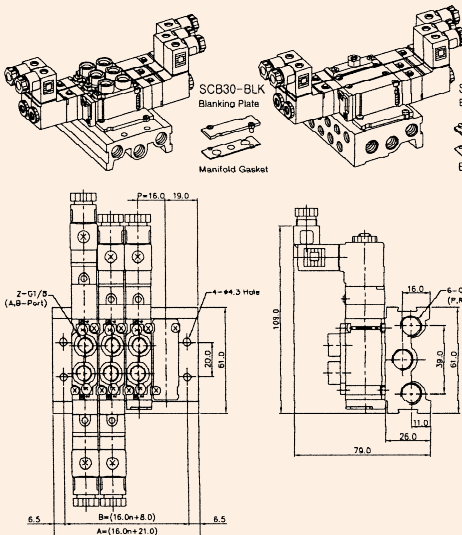
3Port 2Position Pneumatic Valve



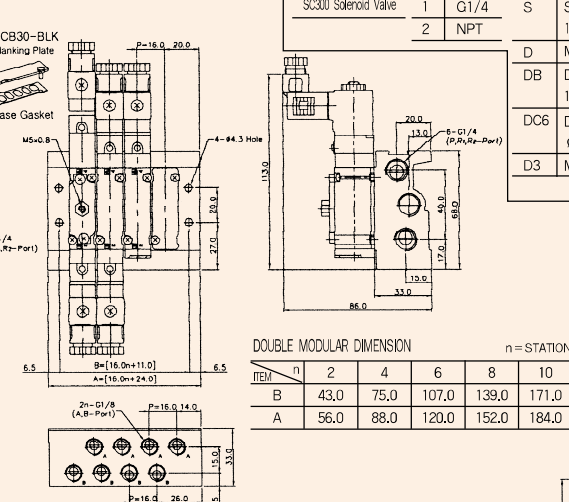
SCB30 SINGLE, DOUBLE MANIFOLD BLOCK

(SCE300 Solenoid & Pneumatic Valve Use)

Manifold Block Dimension



Double Modular Manifold Block Dimension

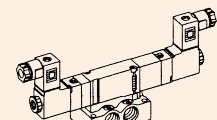


Manifold Ordering Code

SCB3 1 - D - M04

Series	Port & Thread	Function	Manifold Station
SCB3	0 None	0 None	M02 2-Station
SC30 Solenoid Valve	1 G1/4	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, 1/8 Port	M08 8-Station
		DC6 Double Modular Manifold Block, Ø 6 Fitting	M10 10-Station
		D3 Manifold, Port 1/8 (3/2Way)	

Single Station Sub Base Dimension (SCB31-S)



DOUBLE MODULAR DIMENSION

ITEM	n	2	4	6	8	10
B	43.0	75.0	107.0	139.0	171.0	
A	56.0	88.0	120.0	152.0	184.0	

n=STATION

5PORT MANIFOLD BLOCK DIMENSION

ITEM	n	2	4	6	8	10
B	40.0	72.0	104.0	136.0	168.0	
A	53.0	85.0	117.0	149.0	181.0	

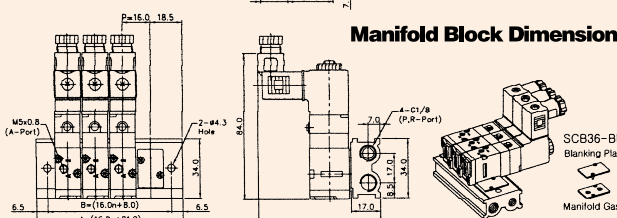
n=STATION

3PORT MANIFOLD BLOCK DIMENSION

ITEM	n	2	4	6	8	10
B	40.0	72.0	104.0	136.0	168.0	
A	53.0	85.0	117.0	149.0	181.0	

n=STATION

Manifold Block Dimension



Ordering Code

SCB36-BLK

Blanking Plate (Material: STS304)

Manifold Gasket (Material: NBR)

Ordering Code

SCB36-BLK

Blanking Plate (Material: STS304)

Manifold Gasket (Material: NBR)