

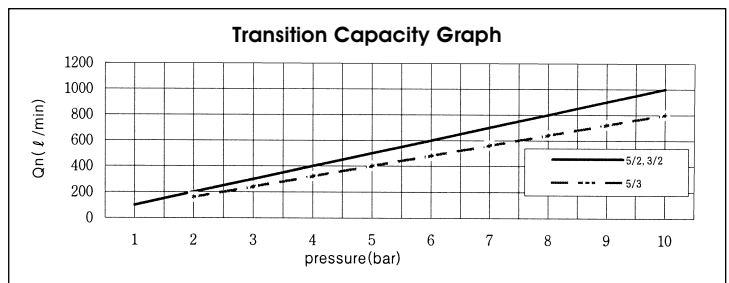
SCE300. 1/8

"E" ECONOMY Series
Solenoid / Pneumatic Valves

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

SPECIFICATION

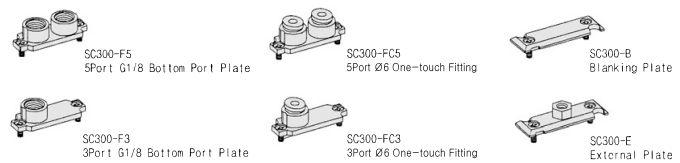
ITEM	FUNCTION	SOLENOID, PNEUMATIC	
		5, 3 Port 2 Position	5 Port 3 Position
Fluids		Compressed Air & Inert Gases	
Pressure(bar)		1.5~10.0	2.0~10.0
Eff. Sectional Area(mm ²) -5bar		9.5	7.5
Ambient & Fluid Temp.		5~60°C (41~140°F)	
Response Time(5bar)		25ms or Less	35ms or Less
Max. Working Frequency		8c/sec	5c/sec
Lubrication		Not Required(Use ISO VG32 #)	
Manual Override		Push Button(Standard), Lever Lock(Option)	
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)

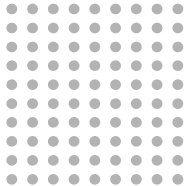


※ The specification on each item can be amended without any prenotice to improve a performance.
※ The specification on each item can be different from actual specification.

ORDERING NO.

SCE3 1 1 D - F - 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	Manifold	F	G1/8	0	None	0	None	0	None	
	2 5/2 Double	1	Air + Spring	B	Sub-Base	FN	NPT 1/8	P	Push	SC1	3 Pin Connector Coil	CN1	Normal Connector	A1 AC 220V
	3 5/3 Closed Center	2	Air			FC	Ø6 One-Touch Fitting		Non-Locking	SG1	Grommet/Flying Leads	CD1	Connector With LED	A2 AC 110V
	4 5/3 Open Center	3	Spring					L	Lever Locking	SD1	Grommet/Flying Leads With LED	CZ1	Connector With LED & Surge Suppressor	A4 AC 24V
SCEP3 : Pneumatic Valve	5 5/3 Pressure Center					B	Blanking End Plate							D4 DC 24V
	6 3/2 Normally Closed					E	External End Plate, Plate M5×0.8			SL1	90 Degree Plug-in Wire Assembly LED			D2 DC 12V
	7 3/2 Normally Open									SM1	180 Degree Plug-in Wire Assembly LED			

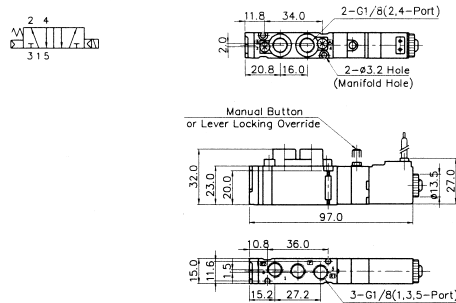


Solenoid & Pilot Actuated Spool Valves

Port Thread 1/8

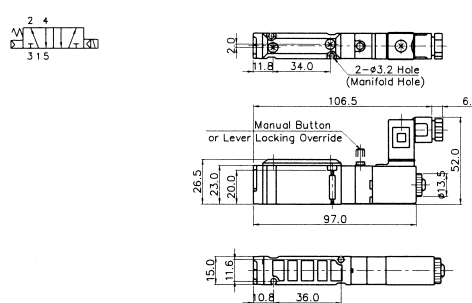
5Port 2Position Solenoid Valve (Manifold)

Single Solenoid
SCE311D-F-P-SG1-***



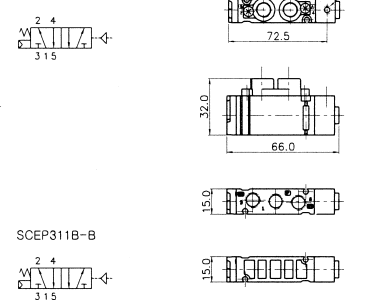
5Port 2Position Solenoid Valve (Sub-Base)

Single Solenoid
SCE311B-B-P-SC1-CN1-***



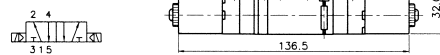
5Port 2Position Pneumatic Valve

Single Pneumatic
SCEP311D-F



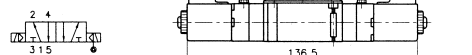
Double Solenoid

SCE320D-F-P-SM1-***



Double Solenoid External Pilot

SCE320B-E-P-SC1-CN1-***



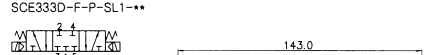
Double Pneumatic

SCEP320D-F

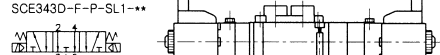


5Port 3Position Solenoid Valve (Manifold)

Closed Center
SCE333D-F-P-SL1-***



Exhaust Center
SCE343D-F-P-SL1-***

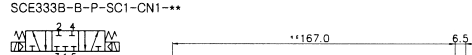


Pressure Center
SCE353D-F-P-SL1-***

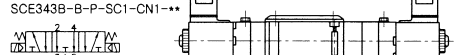


5Port 3Position Solenoid Valve (Sub-Base)

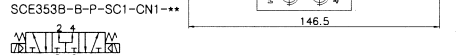
Closed Center
SCE333B-B-P-SC1-CN1-***



Exhaust Center
SCE343B-B-P-SC1-CN1-***



Pressure Center
SCE353B-B-P-SC1-CN1-***

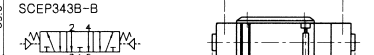


5Port 3Position Pneumatic Valve

Closed Center
SCEP333B-B



Exhaust Center
SCEP343B-B



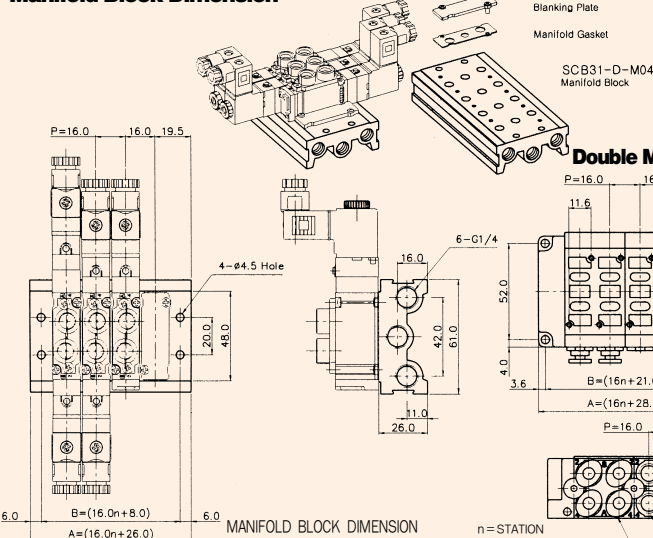
Pressure Center
SCEP353B-B



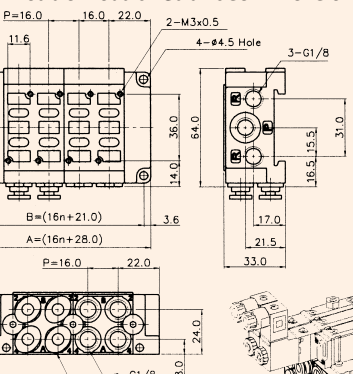
SCB30 SINGLE, DOUBLE MANIFOLD BLOCK

(SCE300 Solenoid & Pneumatic Valve Use)

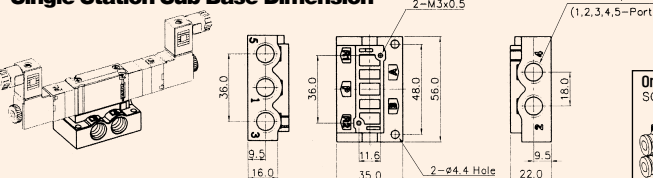
Manifold Block Dimension



Double Modular Sub Base Dimension



Single Station Sub Base Dimension



Manifold Ordering Code

SCB3 1 - D - M04			
Series	Port & Thread	Function	Manifold Station
SCB3	0 None	0 None	M02 2-Station
SCE300 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, 1/8 Port Without Pilot Ports	M08 8-Station
		DC6 Double Modular Sub Base, #6 Fitting	M10 10-Station
		E End Cover, 1/8 Port	
		EB End Blanking Cover	

Ordering Code

SCB30-BLK	Blanking Plate (Material: STS304)
	Manifold Gasket (Material: NBR)
	Base Gasket

Ordering Code

SCB31-E	End Cover, 1/8 (Material: Al)
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Ordering Code

SCB30-DC6	Double Modular Sub Base #6 One-touch Fitting (Material: Al)
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Ordering Code

SCB31-DB	Double Modular Sub Base, 1/8 (Material: Al)
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Ordering Code

SCB30-EB	End Blanking Cover (Material: Al)
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