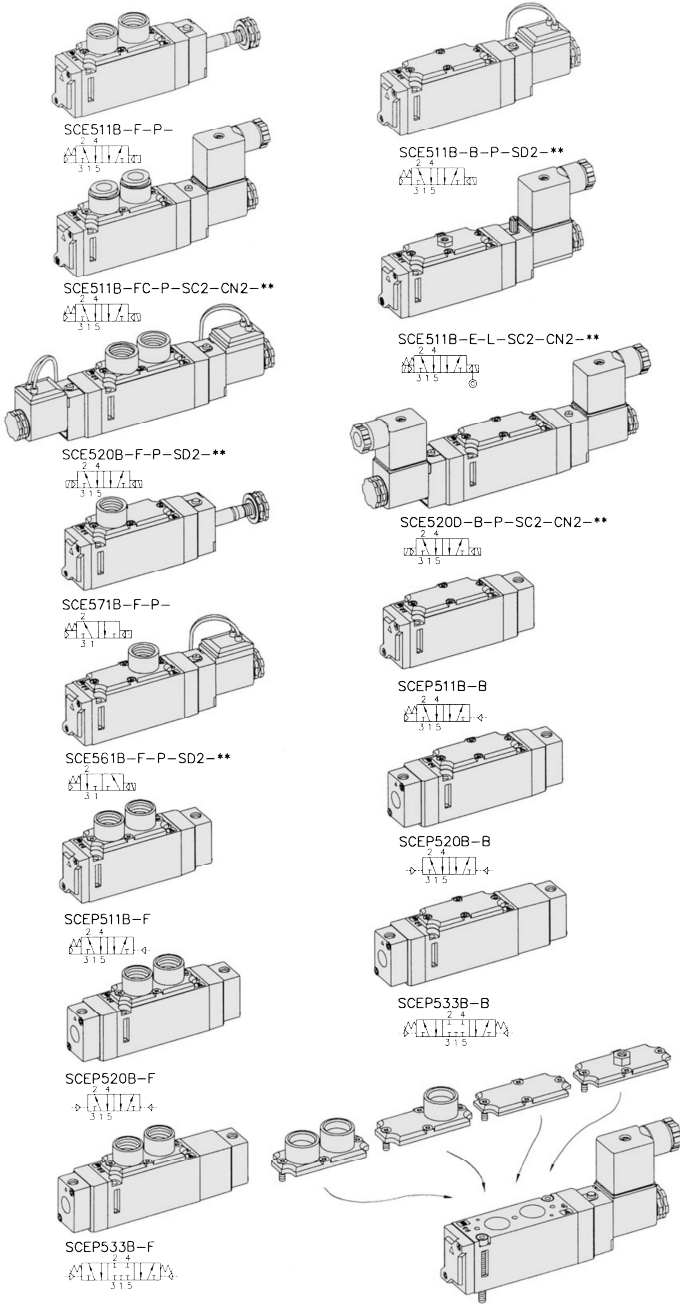


SCE500. 3/8

"E" ECONOMY Series
Solenoid / Pneumatic Valves

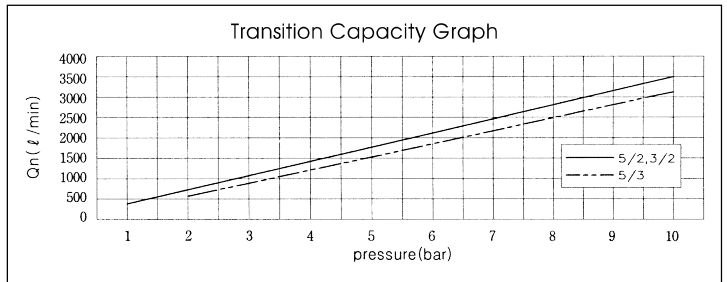
- 5/2, 5/3, 3/2-3/8 ■ 26mm Body Width
- Sub-Base or Manifold Mounting Type
- High Efficiency, Expense Reduction Type
- Transition Flow 2200ℓ/min (5bar)



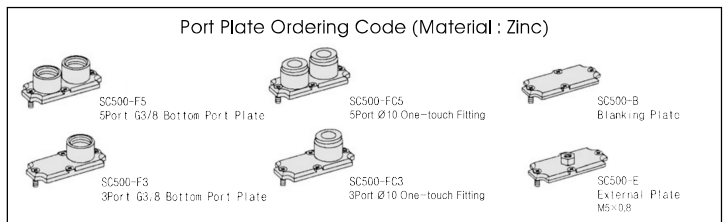
** : Voltage Selection (see page 80)

SPECIFICATION

ITEM	SERIES	SOLENOID, PNEUMATIC	
		FUNCTION	
		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		40.0	30.0
Ambient & Fluid Temp.		5~60°C (41~140°F)	
Response Time(5bar)		30ms or Less	40ms or Less
Max. Working Frequency		5c/sec	3c/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:5.5VA(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



* 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.

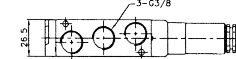
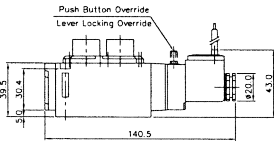
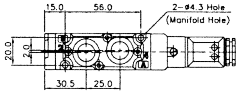
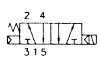
SCE5	1	1	B	-	F	-	P	-	SC2	-	CN2	-	D4			
Valve Series	Function		Return Method		Port Type		Port Plate & Thread	Manual Operator	Solenoid Coil Type		Connector Type		Voltage			
SCE5 : Solenoid Valve	1	5/2 Single	0	None	D	Manifold	F	G3/8	0	None	0	None	0	None		
	2	5/2 Double	1	Air+Spring	B	Sub-Base	FN	NPT 3/8	P	Push	SC2	3 Pin Connector Coil	CN2	Normal Connector	A2	AC 220V
	3	5/3 Closed Center	2	Air			FC	Ø10 One-Touch Fitting		Non-Locking	SG2	Grommet/Flying Leads	CD2	Connector With LED	A1	AC 110V
SCEP5 : Pneumatic Valve	4	5/3 Open Center	3	Spring			B	Blanking End Plate	L	Lever Locking	SD2	Grommet/Flying Leads With LED	CZ2	Connector With LED & Surge Suppressor	A4	AC 24V
	5	5/3 Pressure Center					E	External End Plate, Plate M5×0.8						D4	DC 24V	
	6	3/2 Normally Closed												D2	DC 12V	
	7	3/2 Normally Open														

Solenoid & Pilot Actuated Spool Valves

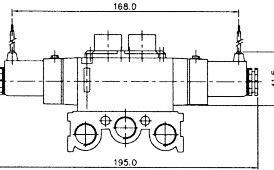
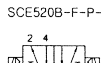
Port Thread 3/8

5Port 2Position Solenoid Valve (Manifold)

Single Solenoid
SCE511D-B-P-SG2-***

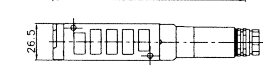
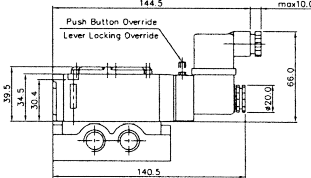
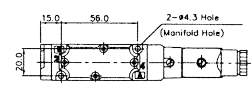
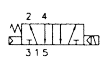


Double Solenoid
SCE520B-F-P-SG2-***

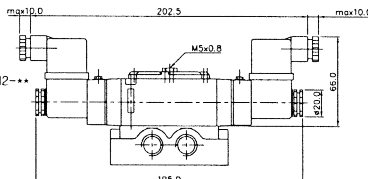
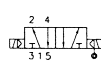


5Port 2Position Solenoid Valve (Sub-Base)

Single Solenoid
SCE511B-B-P-SC2-CN2-***

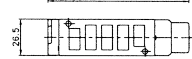
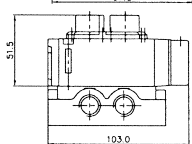
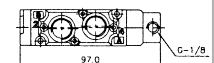
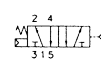


Double Solenoid
External Pilot
SCE520B-E-P-SC2-CN2-***

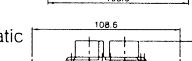
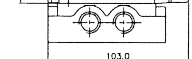
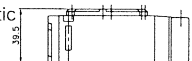


5Port 2Position Pneumatic Valve

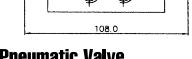
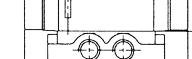
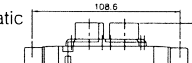
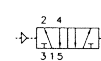
Single Pneumatic
SCEP511B-F



Single Pneumatic
SCEP511B-B

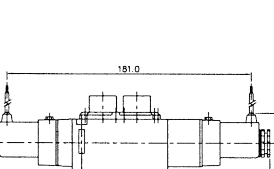
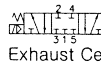


Double Pneumatic
SCEP520B-F

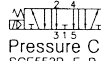


5Port 3Position Solenoid Valve (Manifold)

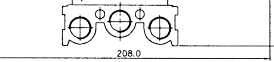
Closed Center
SCE533B-F-P-SG2-***



Exhaust Center
SCE543B-F-P-SG2-***

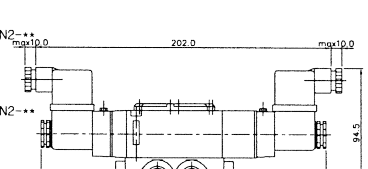
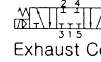


Pressure Center
SCE553B-F-P-SG2-***

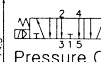


5Port 3Position Solenoid Valve (Sub-Base)

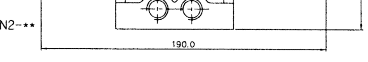
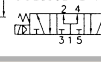
Closed Center
SCE533B-B-P-SC2-CN2-***



Exhaust Center
SCE543B-B-P-SC2-CN2-***

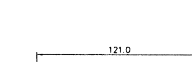
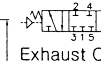


Pressure Center
SCE553B-B-P-SC2-CN2-***

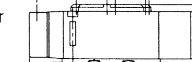
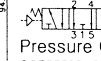


5Port 3Position Pneumatic Valve

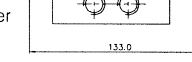
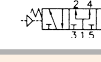
Closed Center
SCEP532B-B



Exhaust Center
SCEP542B-B



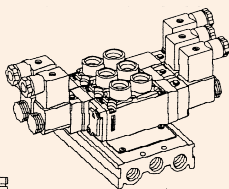
Pressure Center
SCEP552B-B



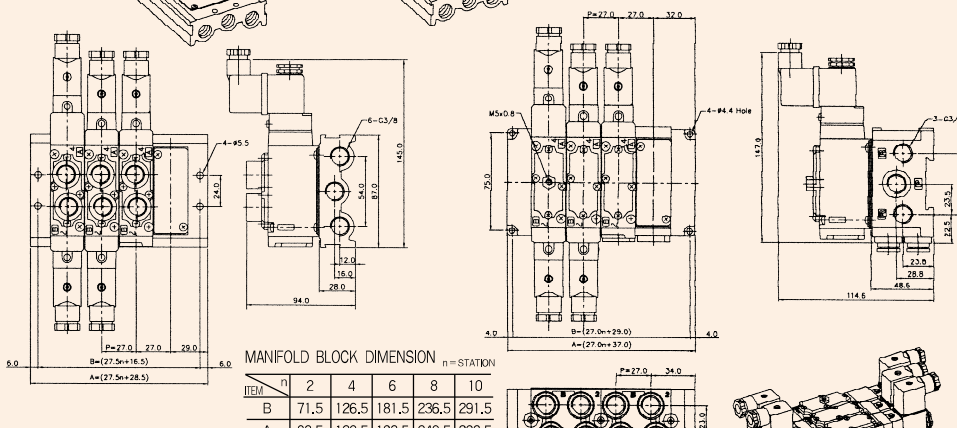
SCB50 SINGLE, DOUBLE MANIFOLD BLOCK

(SCE500 Solenoid & Pneumatic Valve Use)

Manifold Block Dimension

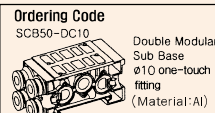
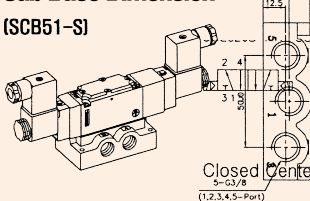


Double Modular Sub Base Dimension

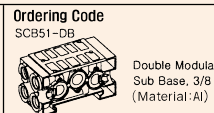


ITEM	n	2	4	6	8	10
B		71.5	126.5	181.5	236.5	291.5
A		83.5	138.5	193.5	248.5	303.5

Single Station Sub Base Dimension (SCB51-S)



Ordering Code
SCB50-DC10
Double Modular Sub Base
ø10 one-touch fitting
(Material:Al)



Ordering Code
SCB51-DB
Double Modular Sub Base, 3/8
(Material:Al)

Ordering Code
SCB50-BLK
Blanking Plate
(Material:STS304)
Manifold Gasket
Base Gasket.
(Material:NBR)

Ordering Code
SCB51-E
End Cover, 3/8
(Material:Al)

Ordering Code
SCB50-EB
End Blanking Cover
(Material:Al)

Manifold Ordering Code

SCB5 1 - D - M04			
Series	Port & Thread	Function	Manifold Station
SCB5	0 None	0 None	M02 2-Station
SCE500 Solenoid Valve	1 G	S Single Station Sub Base, 3/8 Port Without Pilot Ports	M04 4-Station
	2 NPT	D Manifold, Port 3/8	M06 6-Station
		DB Double Modular Sub Base, 3/8 Port Without Pilot Ports	M08 8-Station
		DC10 Double Modular Sub Base, ø10 Fitting	M10 10-Station
		E End Cover, 3/8 Port	
		EB End Blanking Cover	

DOUBLE MODULAR SUB BASE DIMENSION n=STATION						
ITEM	n	2	4	6	8	10
B		83.0	137.0	191.0	245.0	299.0
A		91.0	145.0	199.0	253.0	307.0