

SIE200

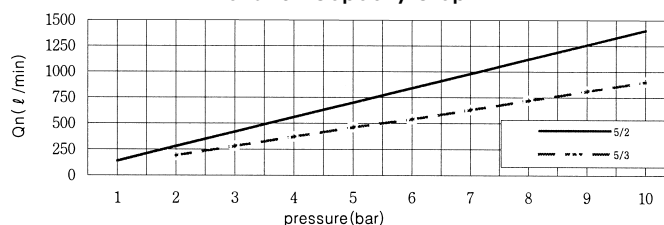
"E" ECONOMY Series
Solenoid / Pneumatic Valves

- 5/2, 5/3
- 18mm Body Width
- Sub-Base or Manifold Mounting Type
- Transition Flow 700ℓ/min (5bar)

SPECIFICATION

ITEM	FUNCTION	SOLENOID, PNEUMATIC	
		5 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		12.0	8.5
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		AC:20% or Less / DC:10% or Less	
Power Consumption		Holding-AC:3.5VA(60Hz) / DC:2.5W	

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

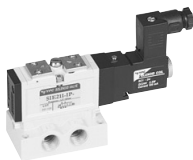
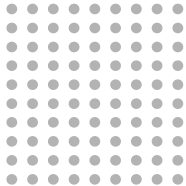
※ The specification on each item can be amended without any prenotice to improve a performance.
※ The specification on each item can be different from actual specification.

ORDERING NO.

SIE2 1 1 - I P - SC1 - CN1 - A2

Valve Series	Function	Return Method		Int./Ext. Pilot	Manual Operator		Solenoid Coil Type		Connector Type		Voltage	
SIE2 : Solenoid Valve	1 5/2 Single	0	None	I Internal Pilot	0	None	0	None	0	None	0	None
	2 5/2 Double	1	Air + Spring	E External Pilot	P	Push Non-Locking	SC1	3 Pin Connector Coil	CN1	Normal Connector	A2	AC 220V
	3 5/3 Closed Center	3	Air		L	Lever Locking	SG1	Grommet/Flying Leads	CD1	Connector With LED	A1	AC 110V
SIEP2 : Pneumatic Valve	4 5/3 Open Center	2	Spring				SD1	Grommet/Flying Leads With LED	CZ1	Connector With LED & Surge Suppressor	A4	AC 24V
	5 5/3 Pressure Center						SL1	90 Degree Plug-in Wire Assembly With LED			D4	DC 24V
							SM1	180 Degree Plug-in Wire Assembly With LED			D2	DC 12V

※: Voltage Selection (see page 62)



Solenoid & Pilot Actuated Spool Valves

18mm Body Width

5Port 2Position Solenoid Valve

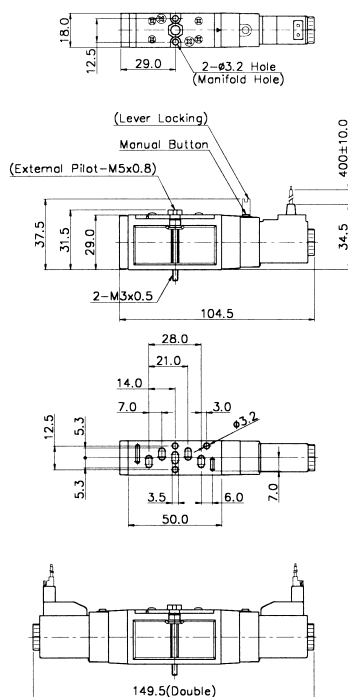
Single Solenoid
SIE211-IP-SG1-**-**



External Pilot
SIE211-EP-SG1-**-**



Double Solenoid
SIE220-IP-SL1-**-**



5Port 2Position Pneumatic Valve

Single Pneumatic
SIEP211

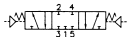


Double Pneumatic
SIEP220

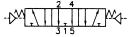


5Port 3Position Pneumatic Valve

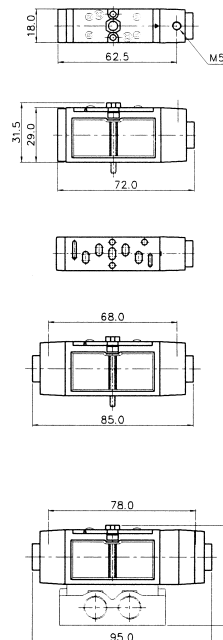
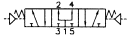
Closed Center
SIEP233



Exhaust Center
SIEP243

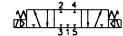


Pressure Center
SIEP253

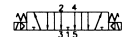


5Port 3Position Solenoid Valve

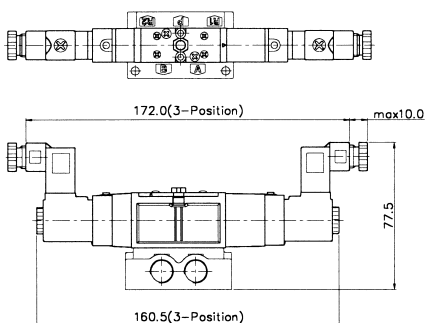
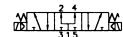
Closed Center
SIE233-IP-SC1-CN1-**-**



Exhaust Center
SIE243-IP-SC1-CN1-**-**



Pressure Center
SIE253-IP-SC1-CN1-**-**

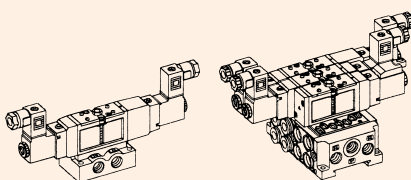


Sub Base Ordering Code

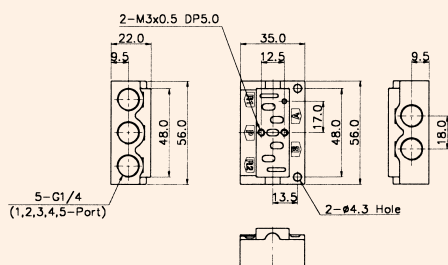
Sub Base Series	Port & Thread	Function
SIB2		
SIE200 Solenoid Valve	0 None	S Single Station Sub Base, 1/4 Port Without Pilot Ports
	1 G	SP Single Station Sub Base, 1/4 Port With Pilot Ports
	2 NPT	DB Double Modular Sub Base, 1/8 Port Without Pilot Ports
		DC6 Double Modular Sub Base #6 One-Touch Fitting
		E End Cover, 1/8 Port
		EB End Blanking Cover

SIB20 SINGLE, DOUBLE SUB BASE

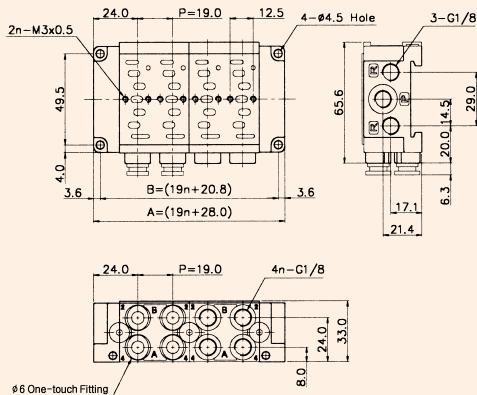
(SIE200 Solenoid & Pneumatic Valve Use Sub Base)



Single Station Sub Base Dimension



Double Modular Sub Base Dimension



DOUBLE MODULAR SUB BASE DIMENSION						n = STATION
ITEM	n	2	4	6	8	10
B		58.8	96.8	134.8	172.8	210.8
A		66.0	104.0	142.0	180.0	218.0

Ordering Code

SIB20-BLK
Blanking Plate
(Material: STS304)
Manifold Gasket
(Material: NBR)

Ordering Code

SIB21-E
End Cover, 1/8
(Material: Al)

Ordering Code

SIB20-EB
End Blanking
Cover
(Material: Al)

Ordering Code

SIB21-DB
Double Modular
Sub Base, 1/8
(Material: Al)

Ordering Code

SIB20-DC6
Double Modular
Sub Base
#6 One-touch
Fitting
(Material: Al)