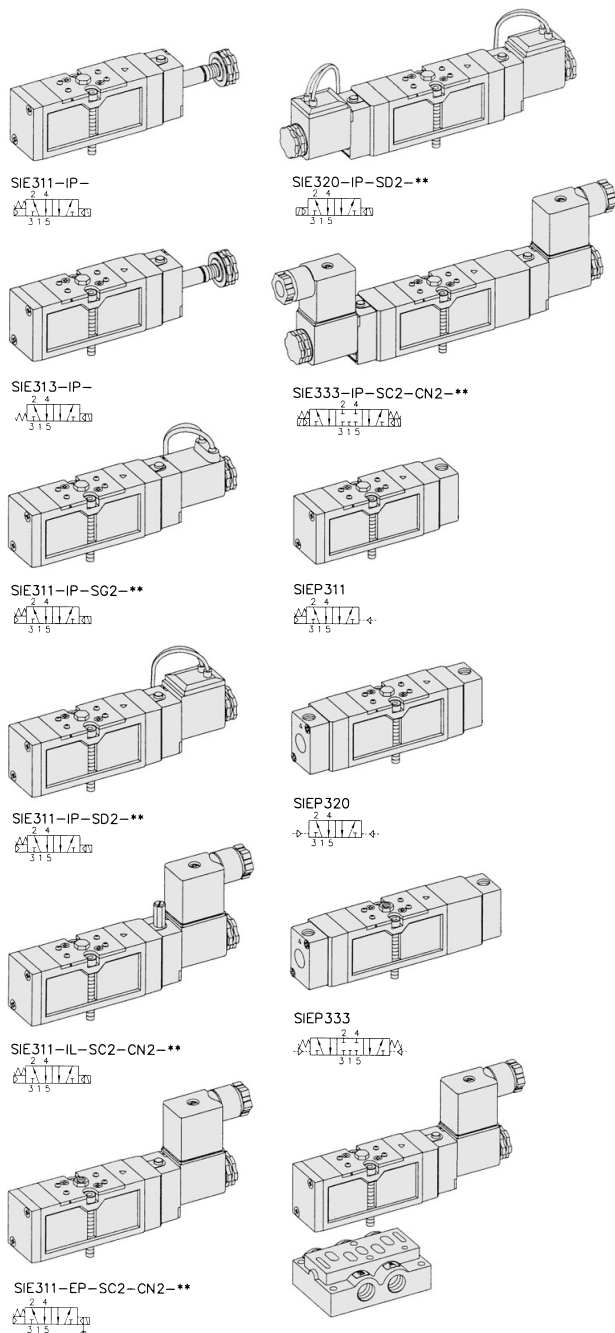


SIE300

"E" ECONOMY Series
Solenoid / Pneumatic Valves

- 5/2, 5/3
- 26mm Body Width
- Sub-Base or Manifold Mounting Type
- Transition Flow 1000ℓ/min (5bar)

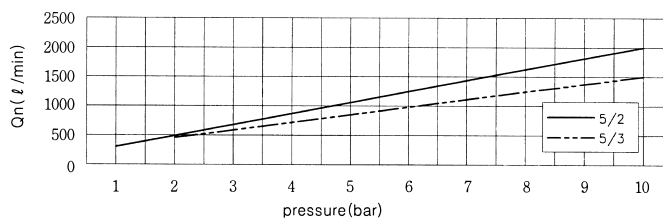


** : Voltage Selection (see page 62)

SPECIFICATION

ITEM	SERIES 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		18.0	11.0
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		AC:20% or Less / DC:10% or Less	
Power Consumption		Holding-AC:5.5VA(60Hz) / DC:2.5W	

Transition Capacity Graph



The Material of Parts

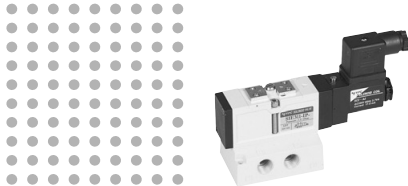
- Valve Body : Die-Cast Aluminium
- Pilot Parts : Glass Filled Nylon
- Spool : Aluminium
- Armature : Stainless Steel
- Seals : NBR
- Armature Seals : Viton
- Spring : Stainless
- Cap : Zinc Pressure Die-Cast

※ 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.

SIE3 1 1 - I P - SC2 - CN2 - A2

Valve Series	Function	Return Method		Int/Ext. Pilot		Manual Operator	Solenoid Coil Type		Connector Type		Voltage	
SIE3 : Solenoid Valve	1 5/2 Single	0	None	I	Internal Pilot	0	None	0	None	0	None	
	2 5/2 Double	1	Air + Spring	P	Push Non-Locking	SC2	3 Pin Connector Coil	CN2	Normal Connector	A2	AC 220V	
	3 5/3 Closed Center	2	Air			SG2	Grommet/Flying Leads	CD2	Connector With LED	A1	AC 110V	
	4 5/3 Open Center	3	Spring			SD2	Grommet/Flying Leads With LED	CZ2	Connector With LED & Surge Suppressor	A4	AC 24V	
	5 5/3 Pressure Center									D4	DC 24V	
SIEP3 : Pneumatic Valve										D2	DC 12V	



Solenoid & Pilot Actuated Spool Valves

26mm Body Width

5Port 2Position Solenoid Valve

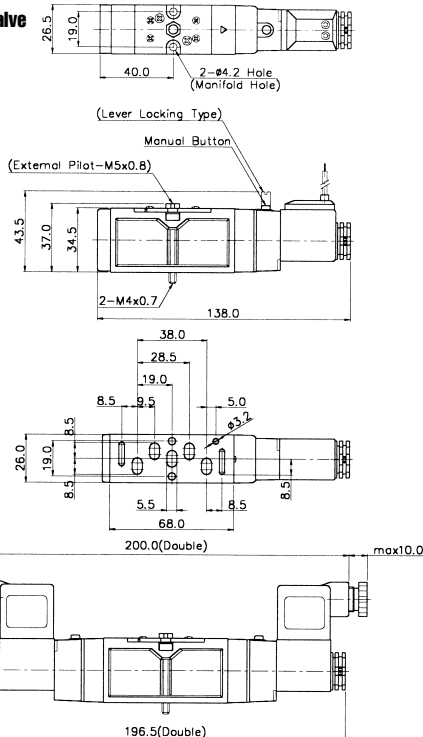
Single Solenoid
SIE311-IP-SD2-***



External Pilot
SIE311-EP-SD2-***



Double Solenoid
SIE320-IP-SC2-CN2-***



5Port 3Position Solenoid Valve

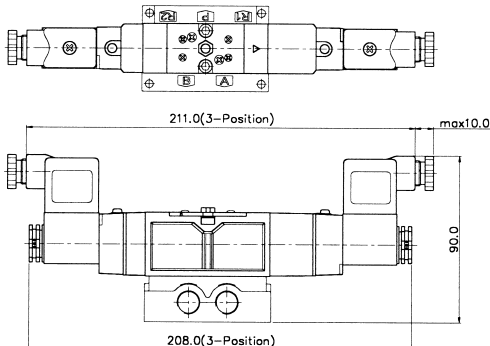
Closed Center
SIE333-IP-SC2-CN2-***



Exhaust Center
SIE343-IP-SC2-CN2-***



Pressure Center
SIE353-IP-SC2-CN2-***



5Port 2Position Pneumatic Valve

Single Pneumatic
SIEP311



Double Pneumatic
SIEP320



5Port 3Position Pneumatic Valve

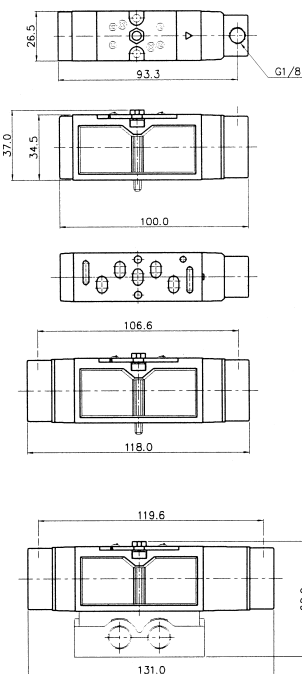
Closed Center
SIEP333



Exhaust Center
SIEP343



Pressure Center
SIEP353

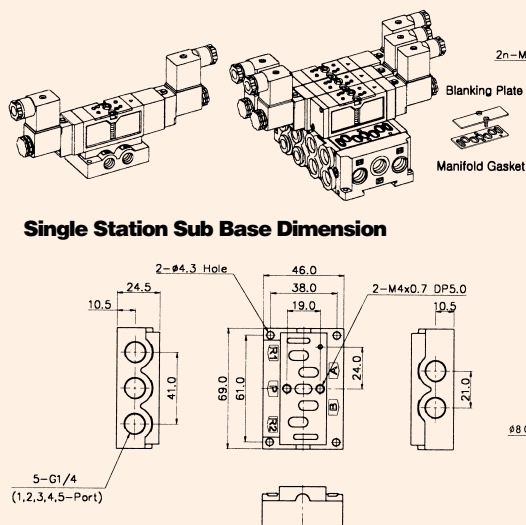


Sub Base Ordering Code

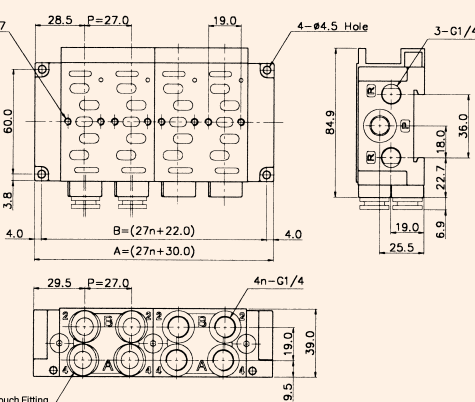
SIB3 1 - S		
Sub Base Series	Port & Thread	Function
SIB3	0 None	S Single Station Sub Base, 1/4 Port Without Pilot Ports
SIE300 Solenoid Valve	1 G	SP Single Station Sub Base, 1/4 Port With Pilot Ports
	2 NPT	DB Double Modular Sub Base, 1/4 Port Without Pilot Ports
		DC8 Double Modular Sub Base, ø8 One-Touch Fitting
		E End Cover, 1/4 Port
		EB End Blanking Cover

SIB30 SINGLE, DOUBLE SUB BASE

(SIE300 Solenoid & Pneumatic Valve Use Sub Base)



Double Modular Sub Base Dimension



DOUBLE MODULAR SUB BASE DIMENSION		n = STATION				
ITEM	n	2	4	6	8	10
B		76.0	130.0	184.0	238.0	292.0
A		84.0	138.0	192.0	246.0	300.0

Ordering Code

SIB30-BLK
Blanking Plate
(Material: STS304)
Manifold Gasket
(Material: NBR)

Ordering Code

SIB31-E
End Cover, 1/4
(Material: Al)

Ordering Code

SIB30-EB
End Blanking
Cover
(Material: Al)

Ordering Code

SIB31-DB
Double Modular
Sub Base, 1/4
(Material: Al)

Ordering Code

SIB30-DC8
Double Modular
Sub Base
ø8 One-touch
Fitting
(Material: Al)