

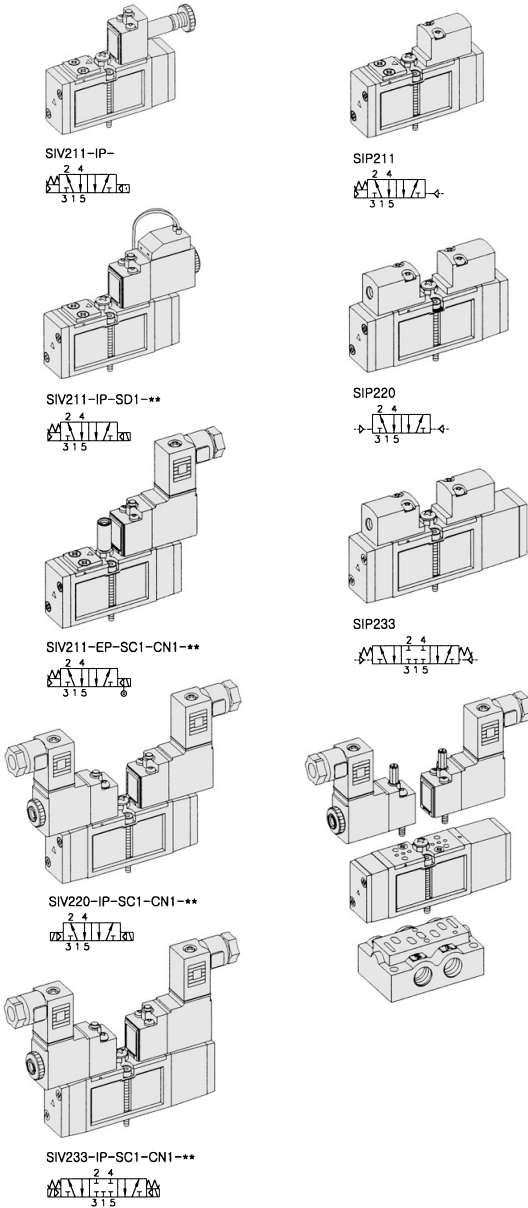
SIV200

ISO-0 15407-1 / VDMA 24563
Solenoid / Pneumatic Valves

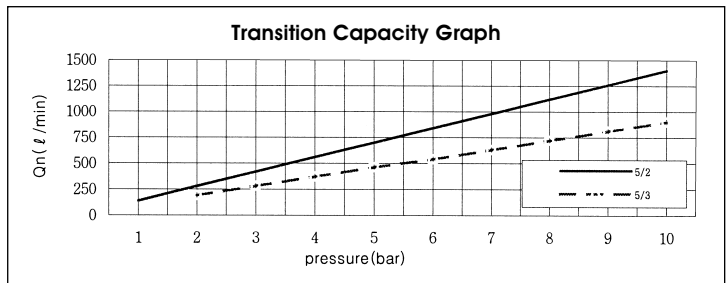
- 5/2, 5/3
- 18mm Body Width
- Sub-Base or Manifold Mounting Type
- Transition Flow 700ℓ/min (5bar)

SPECIFICATION

ITEM	SERIES	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	



** : Voltage Selection (see page 62)



The Material of Parts

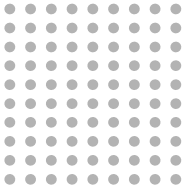
■ Valve Body : Die-Cast Aluminium	■ Pilot Parts : Glass Filled Nylon
■ Spool : Aluminium	■ Armature : Stainless Steel
■ Seals : NBR	■ Armature Seals : Viton
■ Spring : Stainless	
■ Cap : Zinc Pressure Die-Cast	

* 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.

SIV2 1 1 - I P - SC1 - CN1 - A2

Valve Series	Function	Return Method	Int/Ext. Pilot	Manual Operator	Solenoid Coil Type	Connector Type	Voltage
SIV2 : Solenoid Valve	1	5/2 Single	0 None	I Internal Pilot	0 None	0 None	0 None
	2	5/2 Double	1 Air + Spring	E External Pilot	P Push Non-Locking	CN1 Normal Connector	A2 AC 220V
	3	5/3 Closed Center	2 Air		L Lever Locking	SG1 Grommet/Flying Leads	A1 AC 110V
SIP2 : Pneumatic Valve	4	5/3 Open Center	3 Spring		SD1 Grommet/Flying Leads With LED	CD1 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



Solenoid & Pilot Actuated Spool Valves

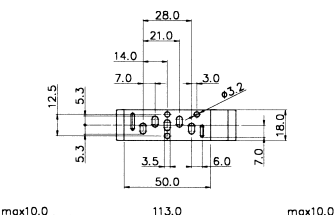
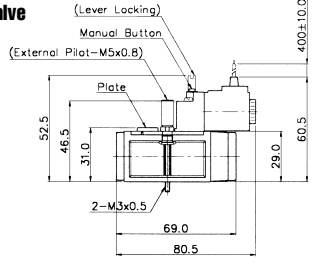
18mm Body Width

5Port 2Position Solenoid Valve

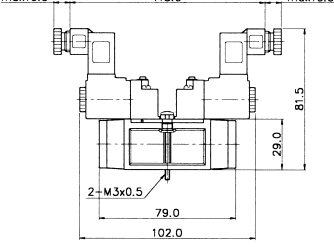
Single Solenoid
SIV211-IP-SG1-***



External Pilot
SIV211-EP-SG1-***

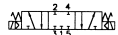


Double Solenoid
SIV220-IP-SC1-CN1-***

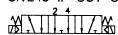


5Port 3Position Solenoid Valve

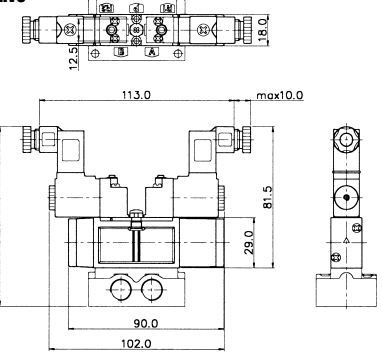
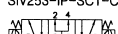
Closed Center
SIV233-IP-SC1-CN1-***



Exhaust Center
SIV243-IP-SC1-CN1-***

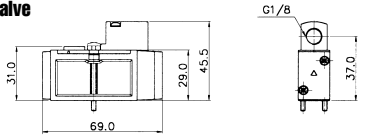


Pressure Center
SIV253-IP-SC1-CN1-***

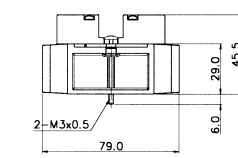


5Port 2Position Pneumatic Valve

Single Pneumatic
SIP211

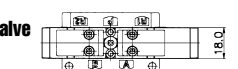
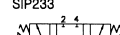


Double Pneumatic
SIP220

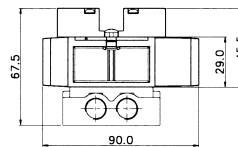
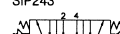


5Port 3Position Pneumatic Valve

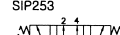
Closed Center
SIP233



Exhaust Center
SIP243



Pressure Center
SIP253



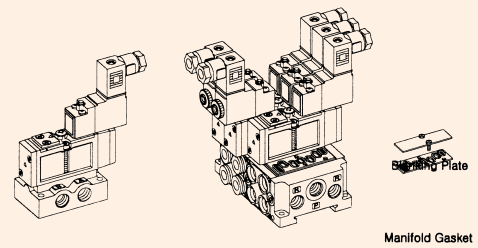
Sub Base Ordering Code

Base Series	Port & Thread	Function
SIB2	1 - S	S
SIB2	0 None	S
SIV200 Solenoid Valve	1 G	SP
	2 NPT	DB
		DC6
		E
		EB

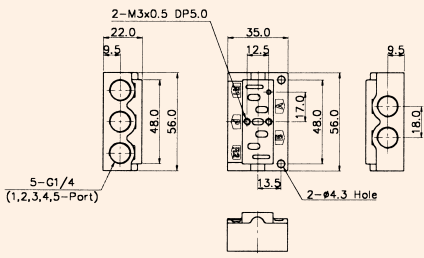
S: Single Station Sub Base, 1/4 Port Without Pilot Ports
 SP: Single Station Sub Base, 1/4 Port With Pilot Ports
 DB: Single Station Sub Base, 1/8 Port Without Pilot Ports
 DC6: Double Modular Sub Base, #6 One-Touch Fitting
 E: End Cover, 1/8 Port
 EB: End Blanking Cover

SIB20 SINGLE, DOUBLE SUB BASE

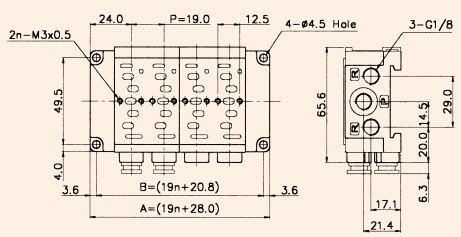
(SIV200 Solenoid & Pneumatic Valve Use Sub Base)



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)