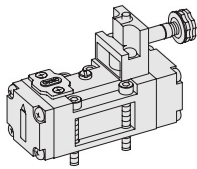


# SIV400

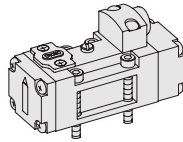
ISO-1

Solenoid / Pneumatic Valves

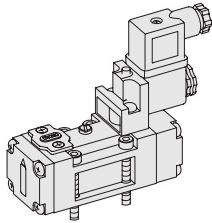
- 5/2, 5/3
- 40mm Body Width
- 30mm CNOMO pilot
- Sub-Base Mounting Type
- Transition Flow 1600ℓ/min (5bar)



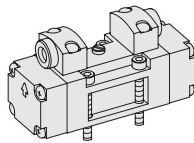
SIV411-IP-\*\*\*



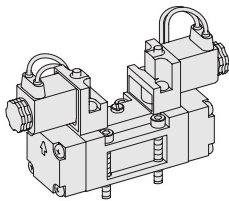
SIP411



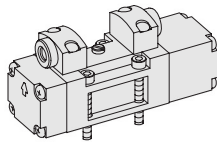
SIV411-EP-SC2-CN2-\*\*\*



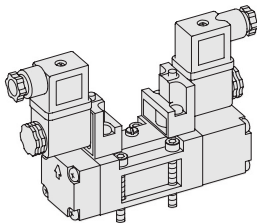
SIP420



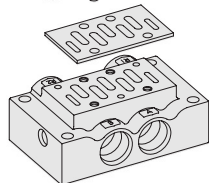
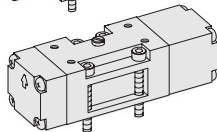
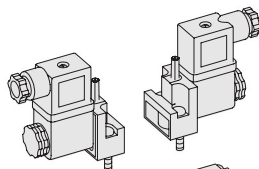
SIV420-IP-SG2-\*\*\*



SIP433



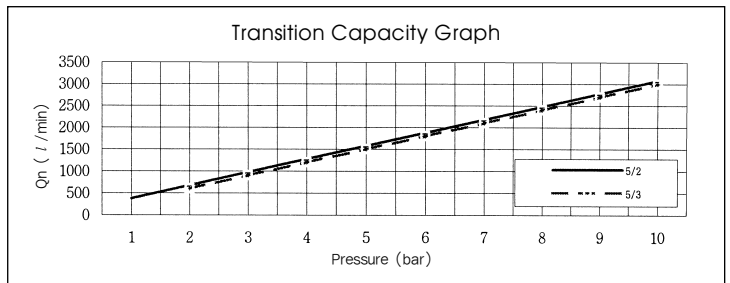
SIV433-IP-SC2-CN2-\*\*\*



\*\*\*: Voltage Selection (see page 80)

## 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. Section Area(mm <sup>2</sup> )-5bar		30.0	25.0
Ambient & Fluid Temp.		5~60°C (41~140°F)	
Response Time(5bar)		30ms or Less	40ms or Less
Max. Working Frequency		3c/sec	1c/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	



## The Material of Parts

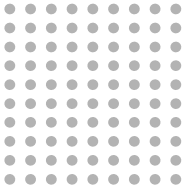
- Valve Body : Die-Cast Aluminium
- Spool : Aluminium
- Seals : NBR
- Spring : Stainless
- Cap : Zinc Pressure Die-Cast
- Pilot Parts : Glass Filled Nylon
- Armature : Stainless Steel
- Armature Seals : Viton

\* 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.

**SIV4 1 1 - I P - SC2 - CN2 - A2**

Valve Series	Function	Return Method	Int/Ext. Pilot	Manual Operator	Solenoid Coil Type	Connector Type	Voltage
SIV4 : 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	E External Pilot	L Lever Locking	SG2 Grommet/Flying Leads	C2D Connector With LED
SIP4 : Pneumatic Valve	4	5/3 Open Center	3 Spring		SD2 Grommet/Flying Leads With LED	C2Z Connector With LED & Surge Suppressor	A4 AC 24V
	5	5/3 Pressure Center					D4 DC 24V
							D2 DC 12V

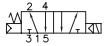


# Solenoid & Pilot Actuated Spool Valves

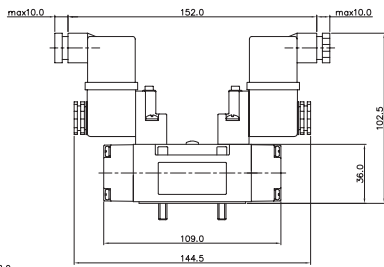
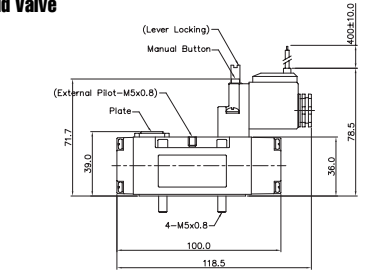
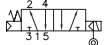
# 40mm Body Width

### 5Port 2Position Solenoid Valve

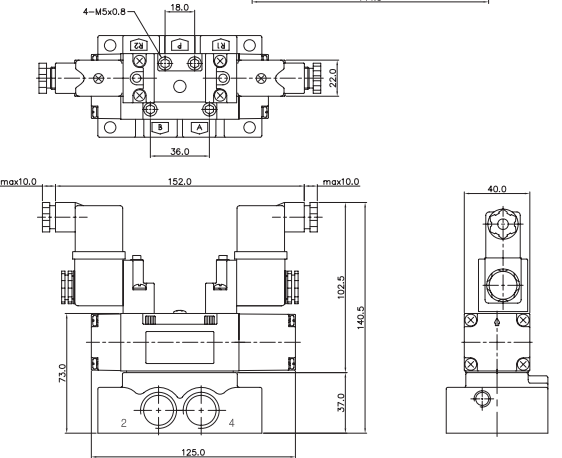
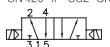
Single Solenoid  
SIV411-IP-SD2-\*\*\*



External Pilot  
SIV411-EP-SD2-\*\*\*

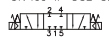


Double Solenoid  
SIV420-IP-SC2-CN2-\*\*\*

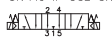


### 5Port 3Position Solenoid Valve

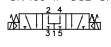
Closed Center  
SIV433-IP-SC2-CN2-\*\*\*



Exhaust Center  
SIV443-IP-SC2-CN2-\*\*\*

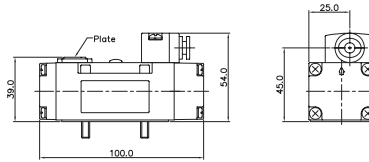
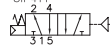


Pressure Center  
SIV453-IP-SC2-CN2-\*\*\*

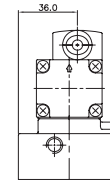
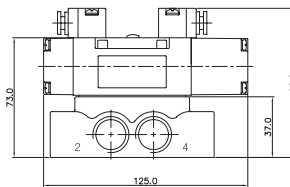
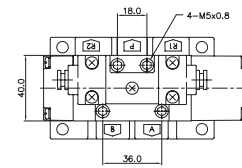
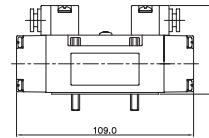
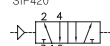


### 5Port 2Position Pneumatic Valve

Single Pneumatic  
SIP411

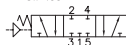


Double Pneumatic  
SIP420

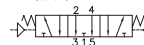


### 5Port 3Position Pneumatic Valve

Closed Center  
SIP433



Exhaust Center  
SIP443



Pressure Center  
SIP453



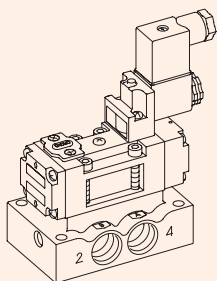
### Sub Base Ordering Code

SIB4 1 - S			
Base Series	Port & Thread		Function
SIB4	0	None	S Single Station Sub Base, Without Pilot Ports
SIV400 Solenoid Valve	1	G 1/4	SP Single Station Sub Base, With Pilot Ports
	2	G 3/8	
	3	G 1/2	
	6	NPT 1/4	
	7	NPT 3/8	
	8	NPT 1/2	

## SIB40 SINGLE SUB BASE

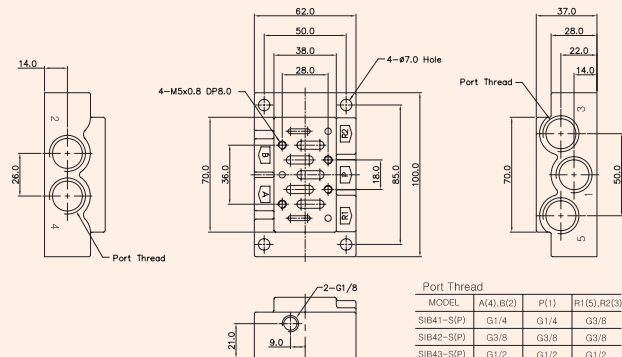
(SIV400 Solenoid & Pneumatic Valve Use Sub Base)

### Single Station Sub Base Dimension



Sub Base Gasket  
(Material: NBR)

Sub Base  
(Material: Al)



MODEL	A(4),B(2)	P(1)	R(1),R2(3)
SIB41-S(P)	G1/4	G1/4	G3/8
SIB42-S(P)	G3/8	G3/8	G3/8
SIB43-S(P)	G1/2	G1/2	G1/2