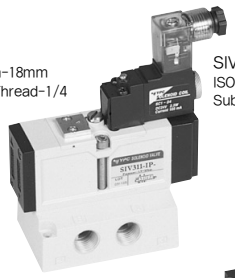
SIV·SIE (ISO) Series

5/2, 5/3 Solenoid, Pneumatic Valve

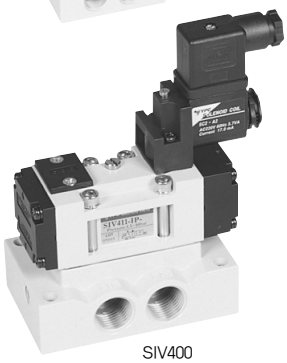
CHAPTER 04



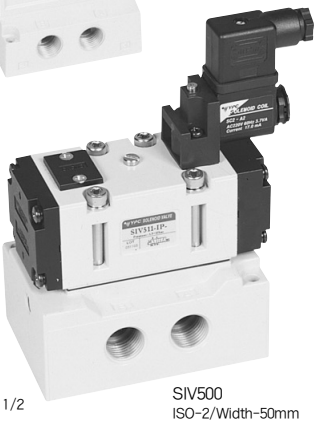
SIV200
ISO-0/Width-18mm
Sub Base Thread-1/4



SIV300
ISO-0/Width-26mm
Sub Base Thread-1/4



SIV400
ISO-1/Width-40mm
Sub Base Thread-1/4, 3/8, 1/2



SIV500
ISO-2/Width-50mm
Sub Base Thread-1/2, 3/4

- SIV200
- SIV300
- SIV400
- SIV500



SIE200
ISO-0/Width-18mm
Sub Base Thread-1/4



SIE300
ISO-0/Width-26mm
Sub Base Thread-1/4

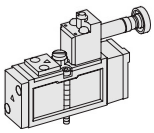
- SIE200
- SIE300

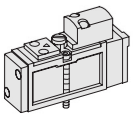
YPC

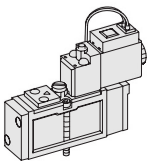
SIV200

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)


SIV211-IP-**


SIP211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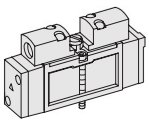
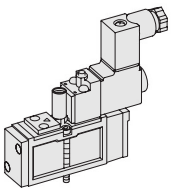
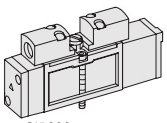
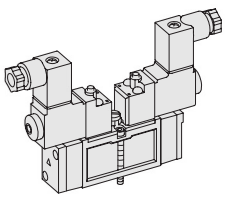
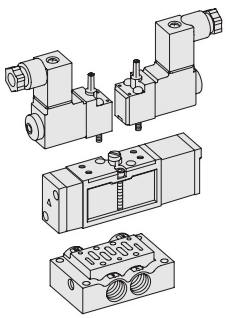
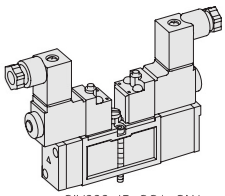

SIP220


SIV211-EP-SC1-CN1-**


SIP233


SIV220-IP-SC1-CN1-**



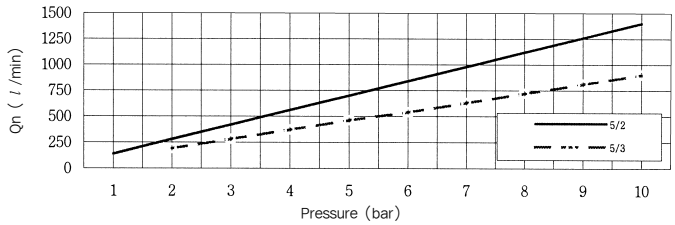

SIV233-IP-SC1-CN1-**

**: Voltage Selection (see page 80)

SPECIFICATION

ITEM \ SERIES	SOLENOID, PNEUMATIC	
FUNCTION	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(㎟)-5bar	12.0	8.5
Ambient & Fluid Temp.	5~60℃(41~140℉)	
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.

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

Valve Series

SIV2 :	Solenoid Valve
SIP2 :	Pneumatic Valve

Function

1	5/2 Single
2	5/2 Double
3	5/3 Closed Center
4	5/3 Open Center
5	5/3 Pressure Center

Return Method

0	None
1	Air+Spring
2	Air
3	Spring

Int/Ext. Pilot

I	Internal Pilot
E	External Pilot

Manual Operator

0	None
P	Push Non-Locking
L	Lever Locking

Solenoid Coil Type

0	None
SC1	3 Pin Connector Coil
SG1	Grommet/Flying Leads
SD1	Grommet/Flying Leads With LED
SL1	90 Degree Plug-in Wire Assembly With LED
SM1	180 Degree Plug-in Wire Assembly With LED

Connector Type

0	None
CN1	Normal Connector
CD1	Connector With LED
CZ1	Connector With LED & Surge Suppressor

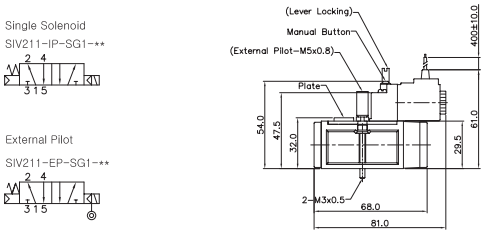
Voltage

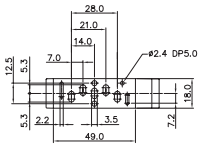
0	None
A2	AC 220V
A1	AC 110V
A4	AC 24V
D4	DC 24V
D2	DC 12V

5Port 2Position Solenoid Valve

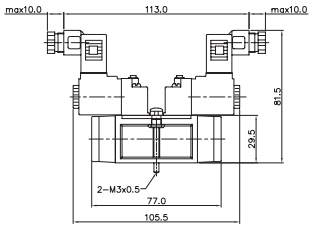
Single Solenoid
SIV211-IP-SG1-**

External Pilot
SIV211-EP-SG1-**





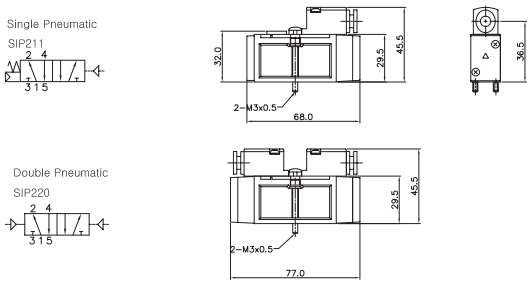
Double Solenoid
SIV220-IP-SC1-CN1-**



5Port 2Position Pneumatic Valve

Single Pneumatic
SIP211

Double Pneumatic
SIP220

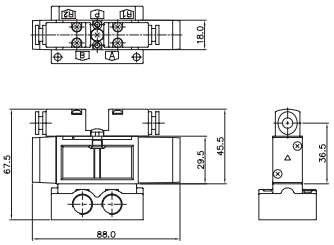


5Port 3Position Pneumatic Valve

Closed Center
SIP233

Exhaust Center
SIP243

Pressure Center
SIP253

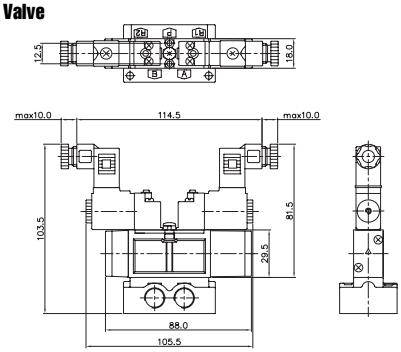


5Port 3Position Solenoid Valve

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

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

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



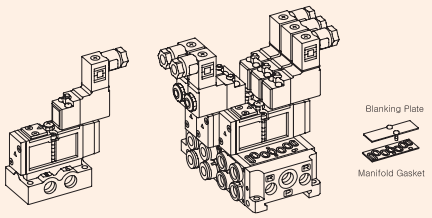
Sub Base Ordering Code

SIB2 1 - S

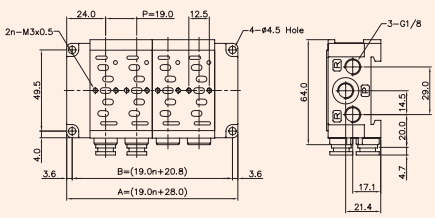
Base Series	Port & Thraed		Function	
SIB2 SIV200 Solenoid Valve	0	None	S	Single Station Sub Base, 1/4 Port Without Pilot Ports
	1	G	SP	Single Station Sub Base, 1/4 Port With Pilot Ports
	2	NPT	DB	Single Station Sub Base, 1/8 Port Without Pilot Ports
			DC6	Double Modular Sub Base, ø6 One-Touch Fitting
			E	End Cover, 1/8 Port
			EB	End Blanking Cover

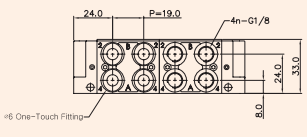
SIB20 SINGLE, DOUBLE SUB BASE

(SIV200 Solenoid & Pneumatic Valve Use Sub Base)



Double Modular Sub Base Dimension

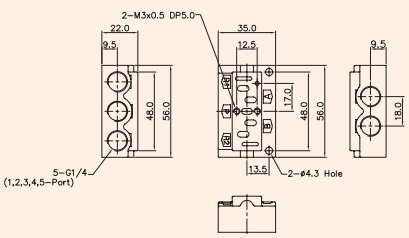




DOUBLE MODULAR SUB BASE DIMENSION n=STATION

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

Single Station Sub Base Dimension



Ordering Code
SIB20-BLK

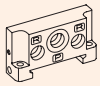


Blanking Plate
(Material: STS304)



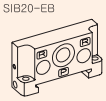
Manifold Gasket.
(Material: NBR)

Ordering Code
SIB21-E



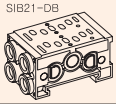
End Cover, 1/8
(Material: Al)

Ordering Code
SIB20-EB



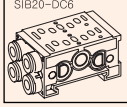
End Blanking Cover
(Material: Al)

Ordering Code
SIB21-DB



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

Ordering Code
SIB20-DC6

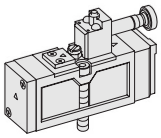


Double Modular Sub Base
ø6 one-touch fitting
(Material: Al)

SIV300

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

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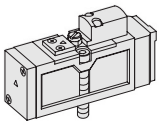
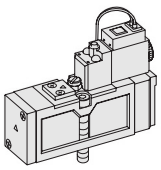

SIP311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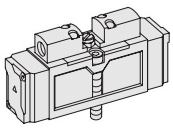
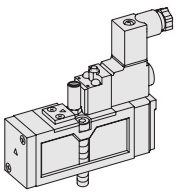

SIP320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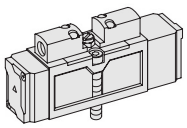
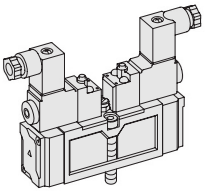

SIP333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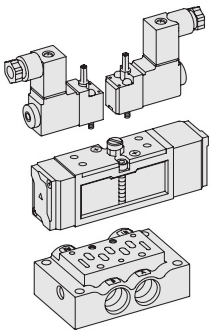
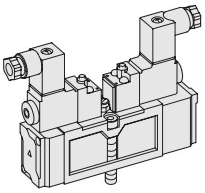


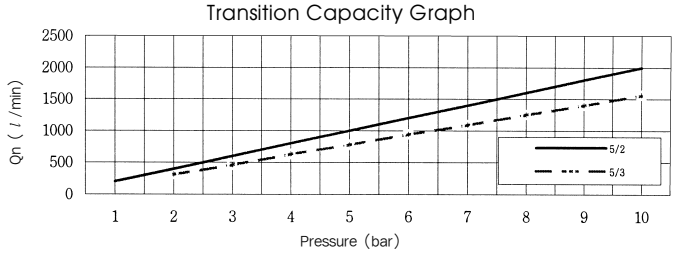

SIV333-IP-SC1-CN1-**

** : Voltage Selection (see page 80)

SPECIFICATION

ITEM \ SERIES	SOLENOID, PNEUMATIC	
FUNCTION	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(㎟)-5bar	18.0	11.0
Ambient & Fluid Temp.	5~60℃(41~140℉)	
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.

SIV3 [1] [1] - [I] [P] - [SC1] - [CN1] - [A2]

Valve Series

SIV3 :	Solenoid Valve
SIP3 :	Pneumatic Valve

Function

1	5/2 Single
2	5/2 Double
3	5/3 Closed Center
4	5/3 Open Center
5	5/3 Pressure Center

Return Method

0	None
1	Air+Spring
2	Air
3	Spring

Int/Ext. Pilot

I	Internal Pilot
E	External Pilot

Manual Operator

0	None
P	Push Non-Locking
L	Lever Locking

Solenoid Coil Type

0	None
SC1	3 Pin Connector Coil
SG1	Grommet/Flying Leads
SD1	Grommet/Flying Leads With LED
SL1	90 Degree Plug-in Wire Assembly With LED
SM1	180 Degree Plug-in Wire Assembly With LED

Connector Type

0	None
CN1	Normal Connector
CD1	Connector With LED
CZ1	Connector With LED & Surge Suppressor

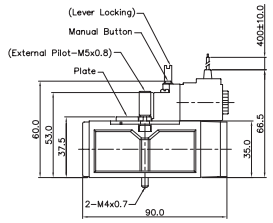
Voltage

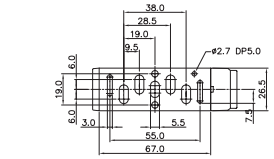
0	None
A2	AC 220V
A1	AC 110V
A4	AC 24V
D4	DC 24V
D2	DC 12V

5Port 2Position Solenoid Valve

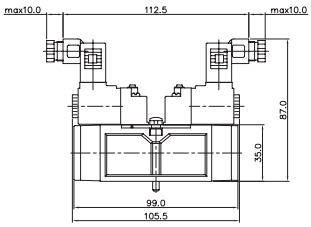
Single Solenoid
SIV311-1P-SG1-**

External Pilot
SIV311-EP-SG1-**



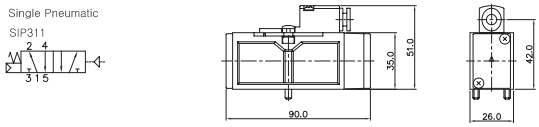


Double Solenoid
SIV320-1P-SC1-CN1-**

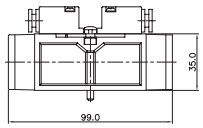


5Port 2Position Pneumatic Valve

Single Pneumatic
SIP311



Double Pneumatic
SIP320

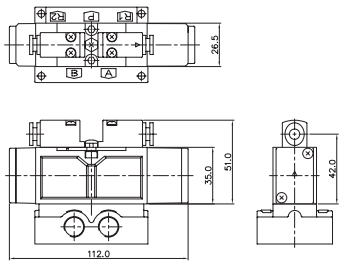


5Port 3Position Pneumatic Valve

Closed Center
SIP333

Exhaust Center
SIP343

Pressure Center
SIP353

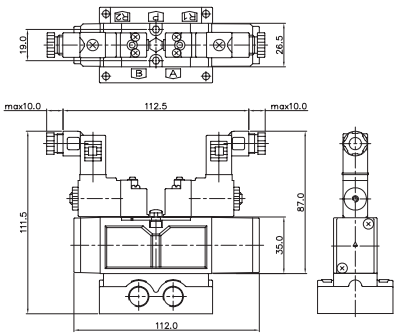


5Port 3Position Solenoid Valve

Closed Center
SIV333-1P-SC1-CN1-**

Exhaust Center
SIV343-1P-SC1-CN1-**

Pressure Center
SIV353-1P-SC1-CN1-**



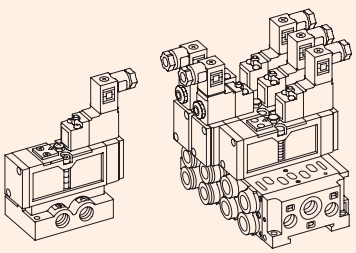
Sub Base Ordering Code

SIB3 1 - S

Base Series	Port & Thraed		Function	
SIB3 SIV300 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, 1/4 Port Without Pilot Ports
			DC8	Double Modular Sub Base, ø8 One-Touch Fitting
			E	End Cover, 1/4 Port
			EB	End Blanking Cover

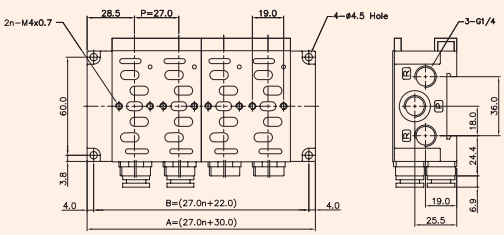
SIB30 SINGLE, DOUBLE SUB BASE

(SIV300 Solenoid & Pneumatic Valve Use Sub Base)

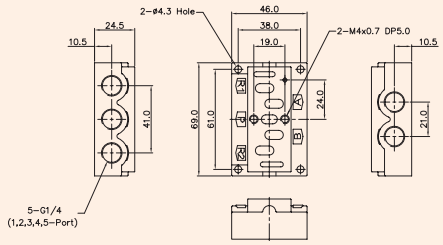


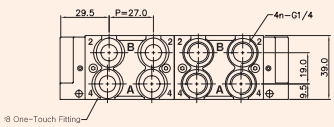


Double Modular Sub Base Dimension



Single Station Sub Base Dimension





DOUBLE MODULAR SUB BASE DIMENSION n=STATION

n / ITEM	2	4	6	8	10
A	76.0	130.0	184.0	238.0	292.0
B	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



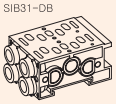
End Cover, 1/4
(Material: Al)

Ordering Code
SIB30-EB



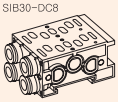
End Blanking Cover
(Material: Al)

Ordering Code
SIB31-DB



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

Ordering Code
SIB30-DC8

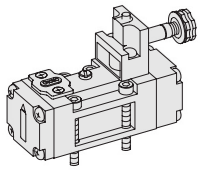


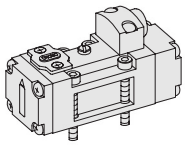
Double Modular Sub Base ø8 one-touch fitting
(Material: Al)

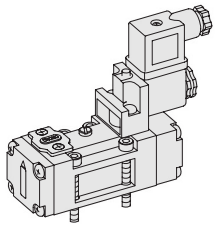
SIV400

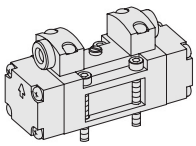
ISO-1
Solenoid / Pneumatic Valves

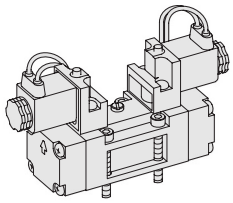
- 5/2, 5/3
- 40mm Body Width
- 30mm CNOMO pilot
- Sub-Base Mounting Type
- Transition Flow 1600ℓ/min (5bar)

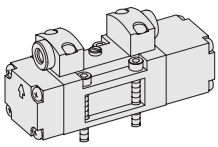

SIV411-IP-**

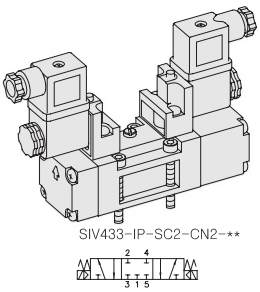

SIP411

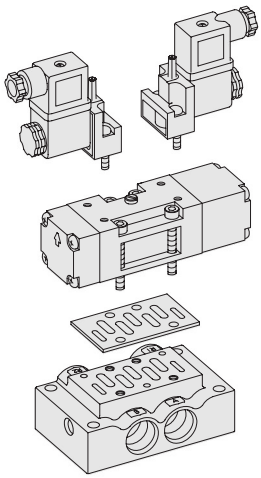

SIV411-EP-SC2-CN2-**


SIP420


SIV420-IP-SG2-**


SIP433


SIV433-IP-SC2-CN2-**

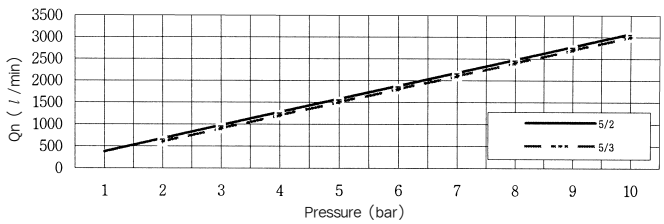


**: Voltage Selection (see page 80)

SPECIFICATION

ITEM \ SERIES / 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. Section Area(㎟)-5bar	30.0	25.0
Ambient & Fluid Temp.	5~60℃(41~140℉)	
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	

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.

SIV4 [1] [1] - [I] [P] - [SC2] - [CN2] - [A2]

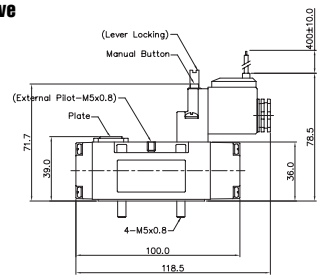
Valve Series	Function	Return Method	Int/Ext. Pilot	Manual Operator	Solenoid Coil Type	Connector Type	Voltage
SIV4 : Solenoid Valve SIP4 : Pneumatic Valve	1 5/2 Single 2 5/2 Double 3 5/3 Closed Center 4 5/3 Open Center 5 5/3 Pressure Center	0 None 1 Air+Spring 2 Air 3 Spring	I Internal Pilot E External Pilot	0 None P Push Non-Locking L Lever Locking	0 None SC2 3 Pin Connector Coil SG2 Grommet/Flying Leads SD2 Grommet/Flying Leads With LED	0 None CN2 Normal Connector CD2 Connector With LED CZ2 Connector With LED & Surge Suppressor	0 None A2 AC 220V A1 AC 110V A4 AC 24V D4 DC 24V D2 DC 12V



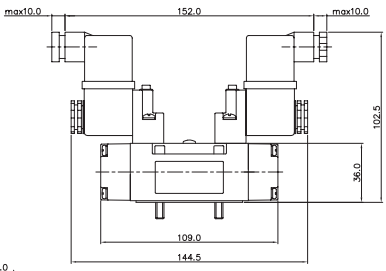
5Port 2Position Solenoid Valve

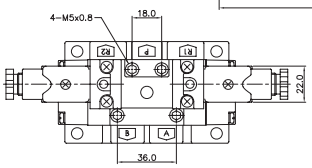
Single Solenoid
SIV411-IP-SD2-**

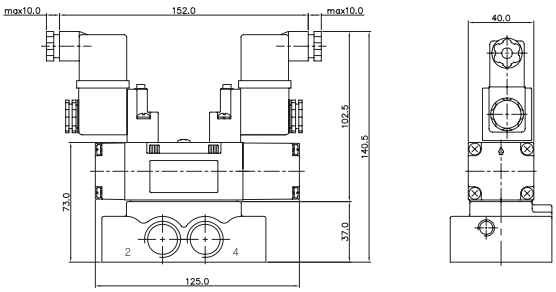
External Pilot
SIV411-EP-SD2-**



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







5Port 3Position Solenoid Valve

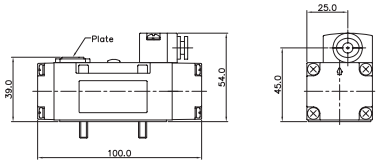
Closed Center
SIV433-IP-SC2-CN2-**

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

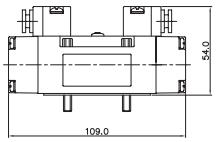
Pressure Center
SIV453-IP-SC2-CN2-**

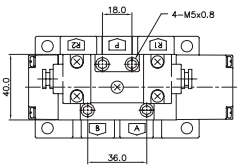
5Port 2Position Pneumatic Valve

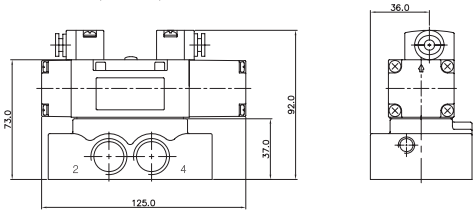
Single Pneumatic
SIP411



Double Pneumatic
SIP420







5Port 3Position Pneumatic Valve

Closed Center
SIP433

Exhaust Center
SIP443

Pressure Center
SIP453

Sub Base Ordering Code

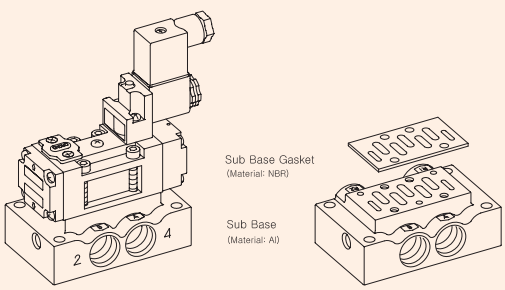
SIB4 1 - S

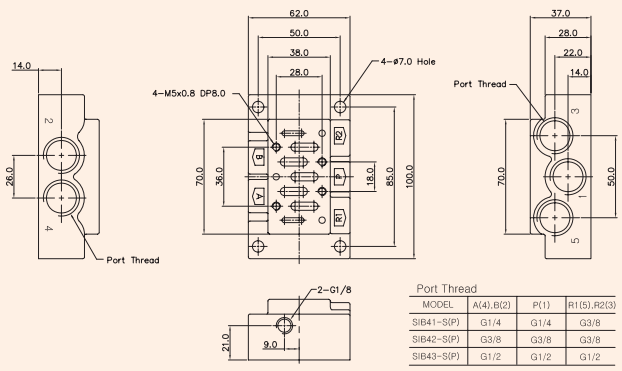
Base Series	Port & Thraed		Function	
SIB4 SIV400 Solenoid Valve	0	None	S	Single Station Sub Base, Without Pilot Ports
	1	G 1/4	SP	Single Station Sub Base, With Pilot Ports
	2	G 3/8		
	3	G 1/2		
	6	NPT 1/4		
	7	NPT 3/8		
	8	NPT 1/2		

SIB40 SINGLE SUB BASE

(SIV400 Solenoid & Pneumatic Valve Use Sub Base)

Single Station Sub Base Dimension





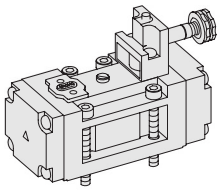
Port Thread

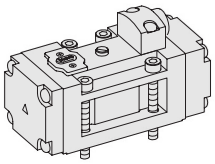
MODEL	A(4),B(2)	P(1)	R1(5),R2(3)
SIB41-S(P)	G1/4	G1/4	G3/8
SIB42-S(P)	G3/8	G3/8	G3/8
SIB43-S(P)	G1/2	G1/2	G1/2

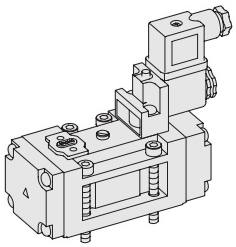
SIV500

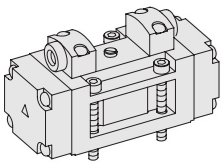
ISO-2
Solenoid / Pneumatic Valves

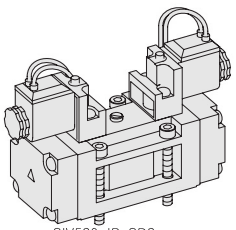
- 5/2, 5/3
- 50mm Body Width
- 30mm CNOMO PILOT
- Sub-Base Mounting Type
- Transition Flow 3500ℓ/min (5bar)

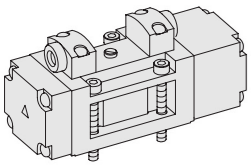

SIV511-IP-**

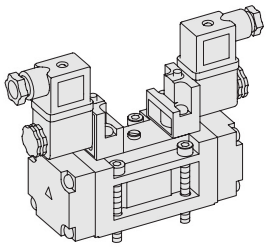

SIP511

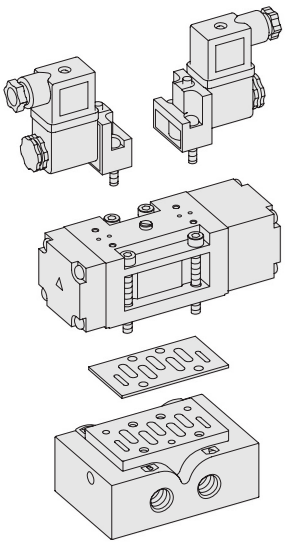

SIV511-EP-SC2-CN2-**


SIP520


SIV520-IP-SD2-**


SIP533


SIV533-IP-SC2-CN2-**

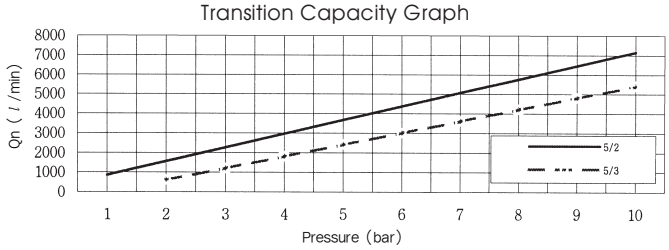


**: Voltage Selection (see page 80)

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(㎟)-5bar	65.0	50.0
Ambient & Fluid Temp.	5~60℃(41~140℉)	
Response Time(5bar)	35ms or Less	45ms 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	

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.

SIV5 1 1 - I P - SC2 - CN2 - A2

Valve Series	Function	Return Method	Int/Ext. Pilot	Manual Operator	Solenoid Coil Type	Connector Type	Voltage
SIV5 : Solenoid Valve SIP5 : Pneumatic Valve	1 5/2 Single 2 5/2 Double 3 5/3 Closed Center 4 5/3 Open Center 5 5/3 Pressure Center	0 None 1 Air+Spring 2 Air 3 Spring	I Internal Pilot E External Pilot	0 None P Push Non-Locking L Lever Locking	0 None SC2 3 Pin Connector Coil SG2 Grommet/Flying Leads SD2 Grommet/Flying Leads With LED	0 None CN2 Normal Connector CD2 Connector With LED CZ2 Connector With LED & Surge Suppressor	0 None A2 AC 220V A1 AC 110V A4 AC 24V D4 DC 24V D2 DC 12V

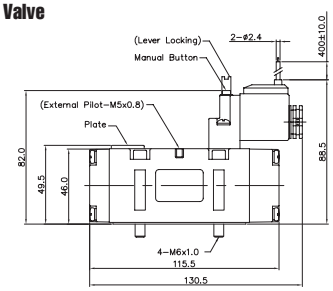


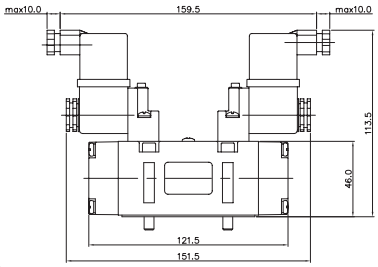
5Port 2Position Solenoid Valve

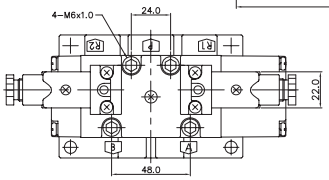
Single Solenoid
SIV511-IP-SD2-**

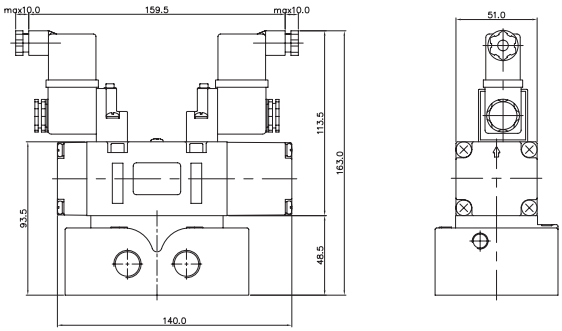
External Pilot
SIV511-EP-SD2-**

Double Solenoid
SIV520-IP-SC2-CN2-**









5Port 3Position Solenoid Valve

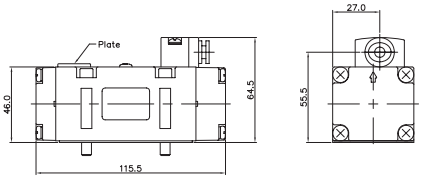
Closed Center
SIV533-IP-SC2-CN2-**

Exhaust Center
SIV543-IP-SC2-CN2-**

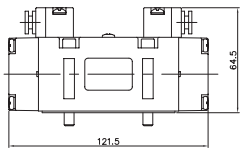
Pressure Center
SIV553-IP-SC2-CN2-**

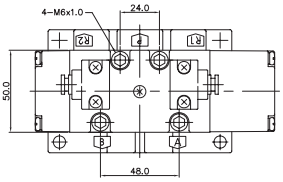
5Port 2Position Pneumatic Valve

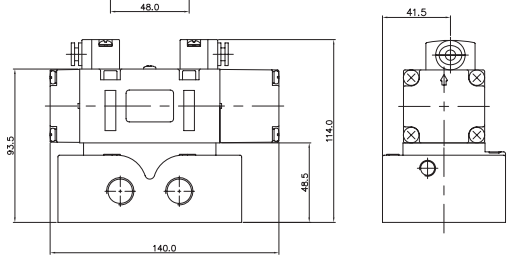
Single Peneumatic
SIP511



Double Peneumatic
SIP520







5Port 3Position Pneumatic Valve

Closed Center
SIP533

Exhaust Center
SIP543

Pressure Center
SIP553

Sub Base Ordering Code

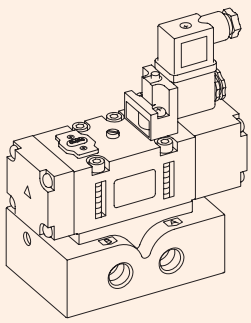
SIB5	1	-	S

Sub Base Series	Port & Thraed		Function	
SIB5 SIV500 Solenoid Valve	0	None	S	Single Station Sub Base, Without Pilot Ports
	2	G 3/8	SP	Single Station Sub Base, With Pilot Ports
	3	G 1/2		
	4	G 3/4		
	7	NPT 3/8		
	8	NPT 1/2		
	9	NPT 3/4		

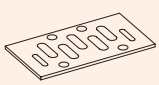
SIB50 SINGLE SUB BASE

(SIV500 Solenoid & Pneumatic Valve Use Sub Base)

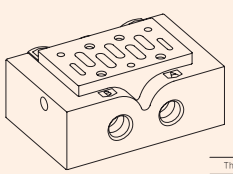
Single Station Sub Base Dimension

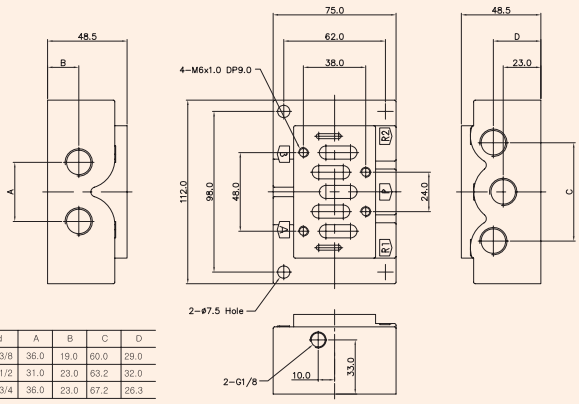


Sub Base Gasket
(Material: NBR)



Sub Base
(Material: Al)



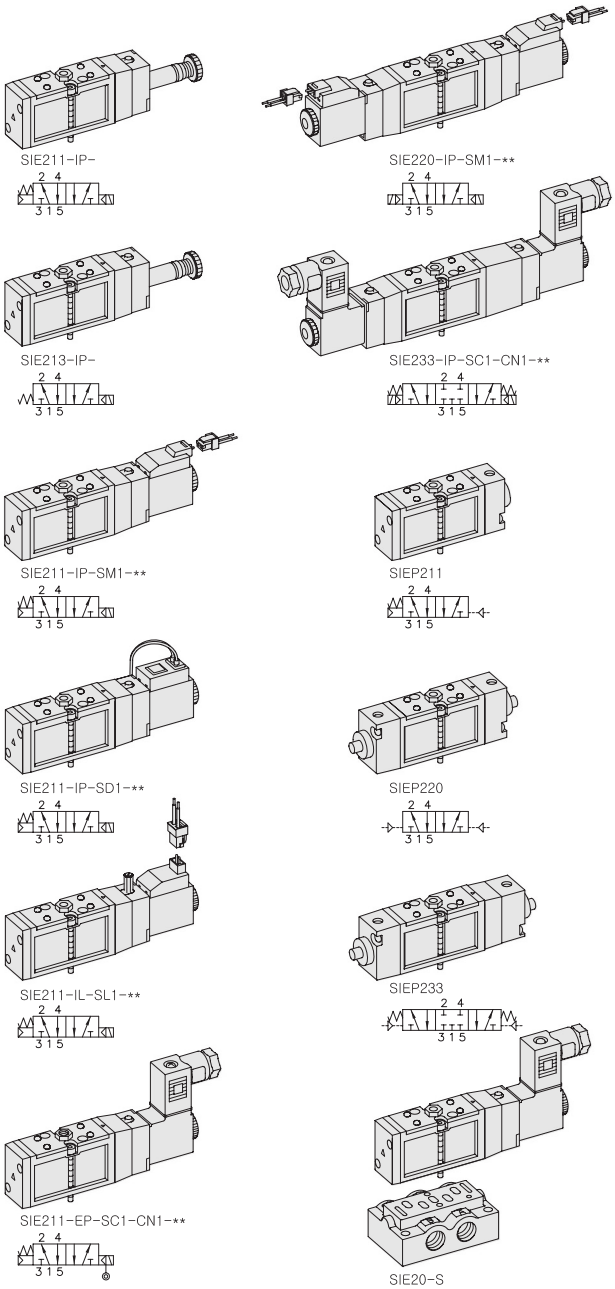


Thread	A	B	C	D
SIB52-G3/8	36.0	19.0	60.0	29.0
SIB53-G1/2	31.0	23.0	63.2	32.0
SIB54-G3/4	36.0	23.0	67.2	26.3

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)**

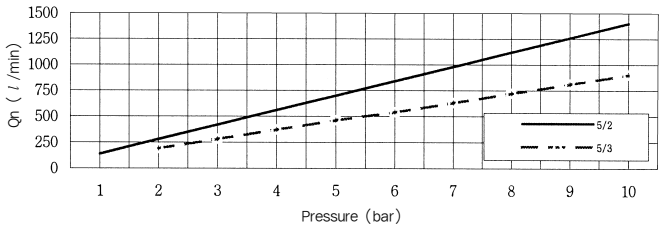


**: Voltage Selection (see page 80)

SPECIFICATION

ITEM \ SERIES	SOLENOID, PNEUMATIC	
FUNCTION	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(㎟)-5bar	12.0	8.5
Ambient & Fluid Temp.	5~60℃(41~140℉)	
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
SIEP2 : Pneumatic Valve	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	2 Air		L Lever Locking	SG1 Grommet/Flying Leads	CD1 Connector With LED	A1 AC 110V
	4 5/3 Open Center	3 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



5Port 2Position Solenoid Valve

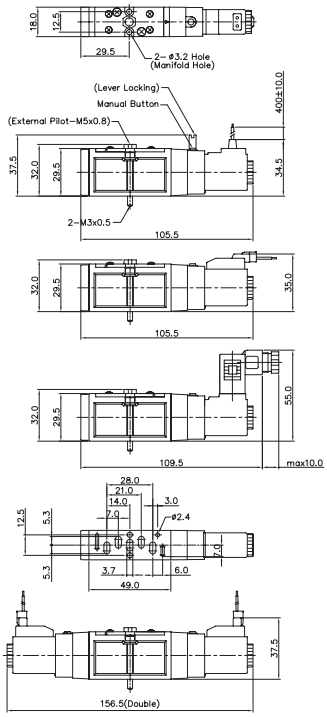
Single Solenoid
SIE211-IP-SG1-**

External Pilot
SIE211-EP-SG1-**

SIE211-IP-SM1-**

SIE211-IP-SC1-CN1-**

Double Solenoid
SIE220-IP-SL1-**

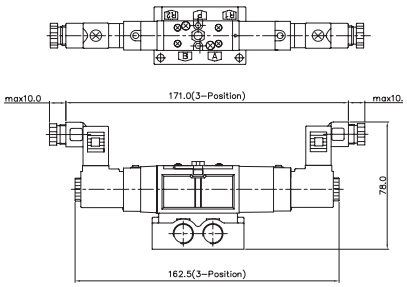


5Port 3Position Solenoid Valve

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

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

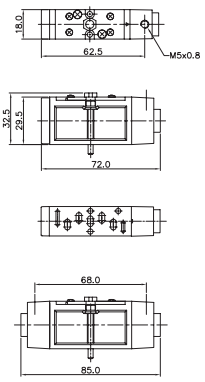
Pressure Center
SIE253-IP-SC1-CN1-**



5Port 2Position Pneumatic Valve

Single Pneumatic
SIEP211

Double Pneumatic
SIEP220

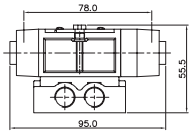


5Port 3Position Pneumatic Valve

Closed Center
SIEP233

Exhaust Center
SIEP243

Pressure Center
SIEP253



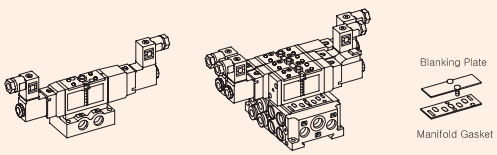
Sub Base Ordering Code

SIB2 | 1 | - | S

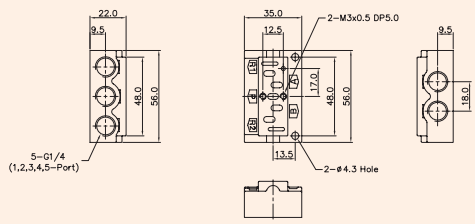
Sub Base Series	Port & Thraed		Function	
SIB2	0	None	S	Single Station Sub Base, 1/4 Port Without Pilot Ports
SIE200 Solenoid Valve	1	G	SP	Single Station Sub Base, 1/4 Port With Pilot Ports
	2	NPT	DB	Double Modular Sub Base, 1/8 Port Without Pilot Ports
			DC6	Double Modular Sub Base ϕ6 One-Touch Fitting
			E	End Cover, 1/8 Port
			EB	End Blanking Cover

SIB20 SINGLE, DOUBLE SUB BASE

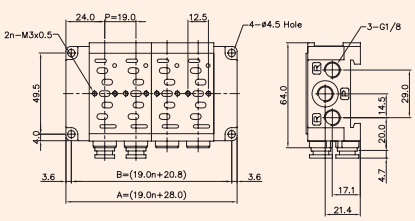
(SIE200 Solenoid & Pneumatic Valve Use Sub Base)

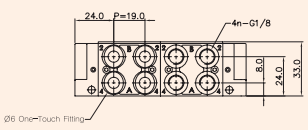


Single Station Sub Base Dimension



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



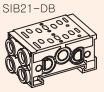
End Cover, 1/8
(Material: Al)

Ordering Code
SIB20-EB



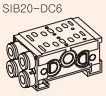
End Blanking Cover
(Material: Al)

Ordering Code
SIB21-DB



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

Ordering Code
SIB20-DC6

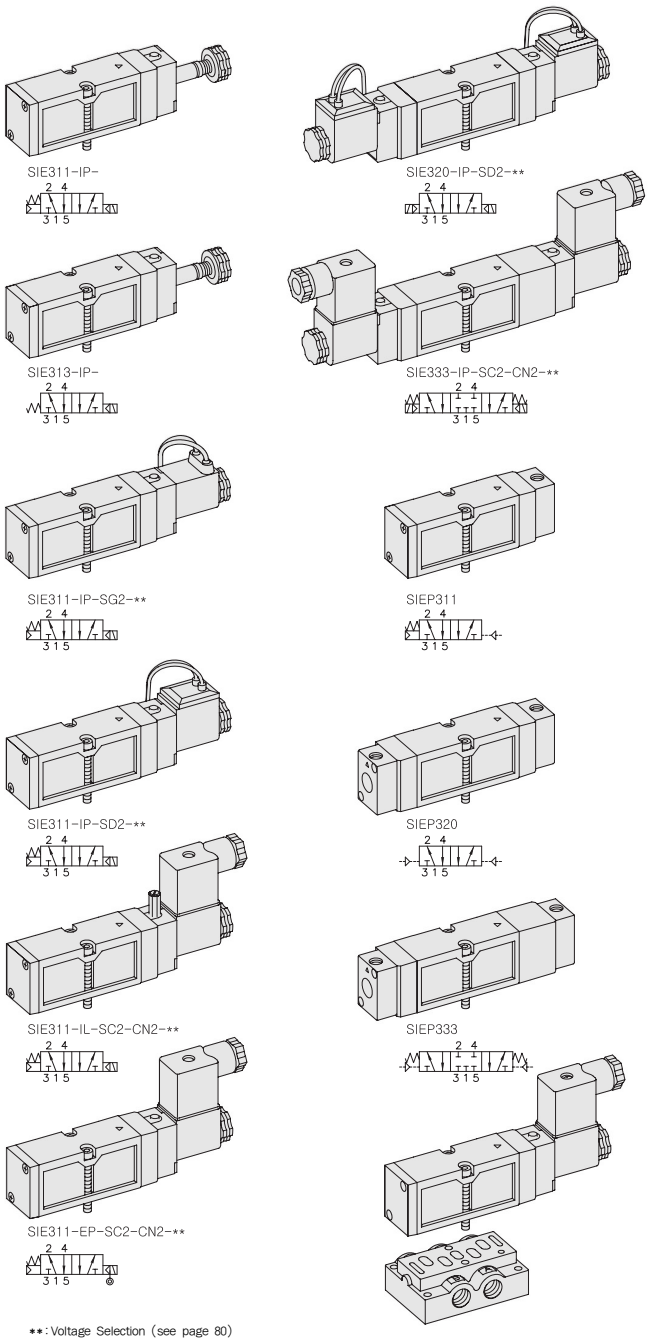


Double Modular Sub Base
ø6 one-touch fitting
(Material: Al)

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)

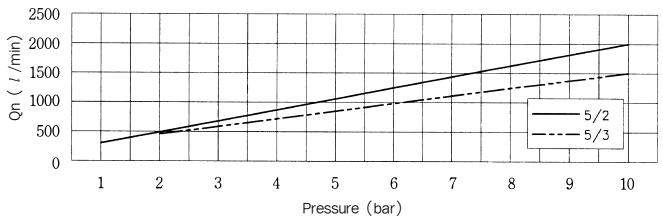


**: Voltage Selection (see page 80)

SPECIFICATION

ITEM \ SERIES	SOLENOID, PNEUMATIC	
FUNCTION	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(㎟)-5bar	18.0	11.0
Ambient & Fluid Temp.	5~60℃(41~140℉)	
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
- 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.

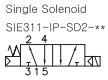
SIE3 | 1 | 1 | - | I | P | - | SC2 | - | CN2 | - | A2

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	0 None
SIEP3 : Pneumatic Valve	2 5/2 Double	1 Air+Spring	E External Pilot	P Push Non-Locking	SC2 3 Pin Connector Coil	CN2 Normal Connector	A2 AC 220V
	3 5/3 Closed Center	2 Air		L Lever Locking	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
							D2 DC 12V

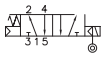


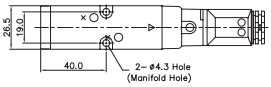
5Port 2Position Solenoid Valve

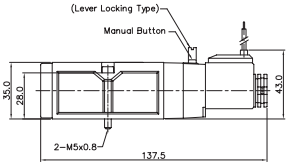
Single Solenoid
SIE311-IP-SD2-**

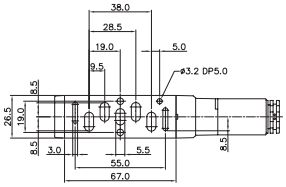


External Pilot
SIE311-EP-SD2-**

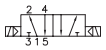


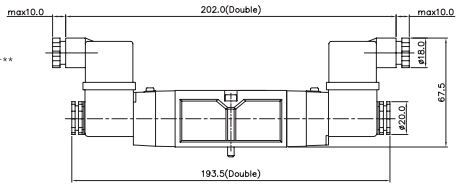






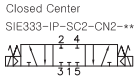
Double Solenoid
SIE320-IP-SC2-CN2-**





5Port 3Position Solenoid Valve

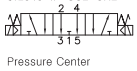
Closed Center
SIE333-IP-SC2-CN2-**



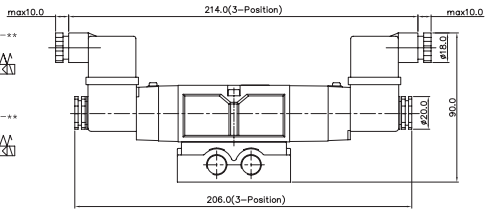
Exhaust Center
SIE343-IP-SC2-CN2-**



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

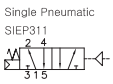


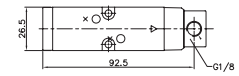


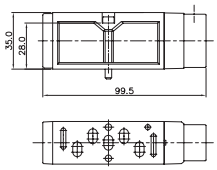


5Port 2Position Pneumatic Valve

Single Pneumatic
SIEP311

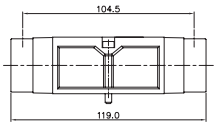






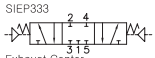
Double Pneumatic
SIEP320



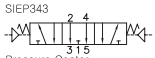


5Port 3Position Pneumatic Valve

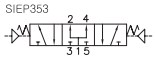
Closed Center
SIEP333

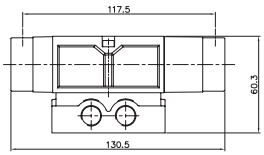


Exhaust Center
SIEP343



Pressure Center
SIEP353





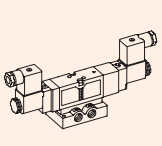
Sub Base Ordering Code

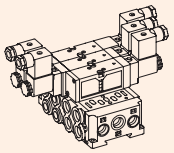
SIB3 | 1 | - | S

Sub Base Series	Port & Thraed		Function	
SIB3 SIE300 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, 1/4 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

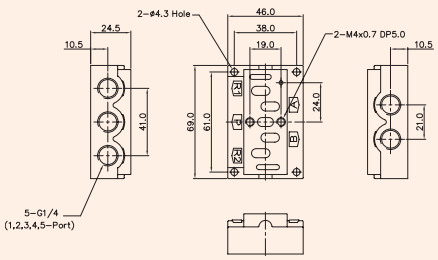
(SIE300 Solenoid & Pneumatic Valve Use Sub Base)



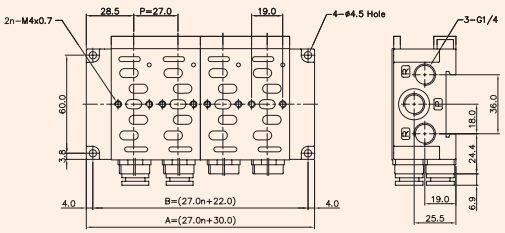


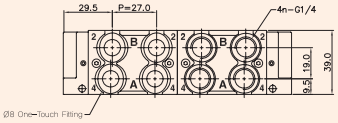


Single Station Sub Base Dimension



Double Modular Sub Base Dimension





DOUBLE MODULAR SUB BASE DIMENSION n=STATION

ITEM \ n	2	4	6	8	10
A	76.0	130.0	184.0	238.0	292.0
B	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



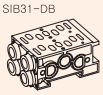
End Cover, 1/4
(Material: Al)

Ordering Code
SIB30-EB



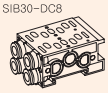
End Blanking Cover
(Material: Al)

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)

MEMO