SF (FLEXIBLE) Series

5/2, 5/3, 3/2 Solenoid, Pneumatic Valve

CHAPTER 03



SF1000
Body Width-15mm
Thread-M5



SF2000
Body Width-18mm
Thread-1/8



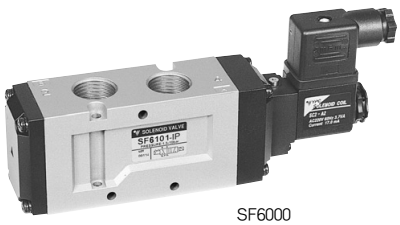
SF3000
Body Width-23mm
Thread-1/8



SF4000
Body Width-26mm
Thread-1/4



SF5000
Body Width-32mm
Thread-3/8



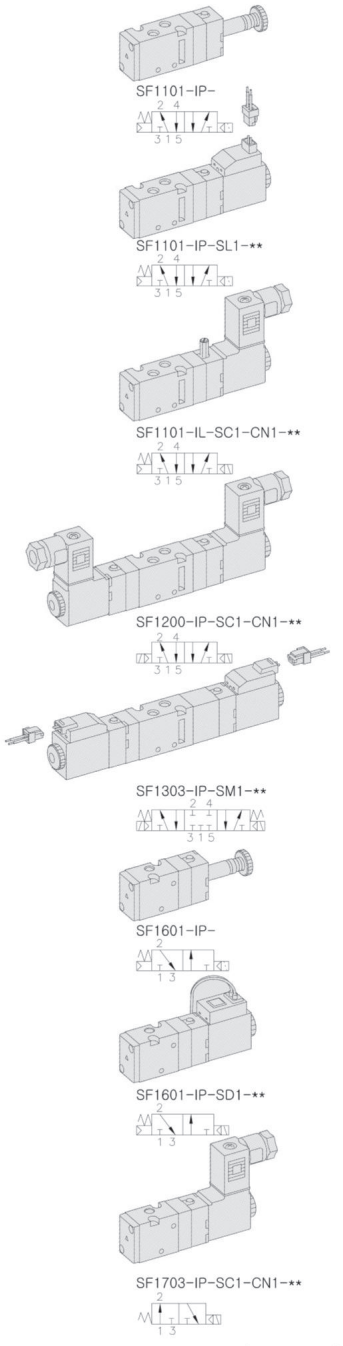
SF6000
Body Width-36mm
Thread-1/2

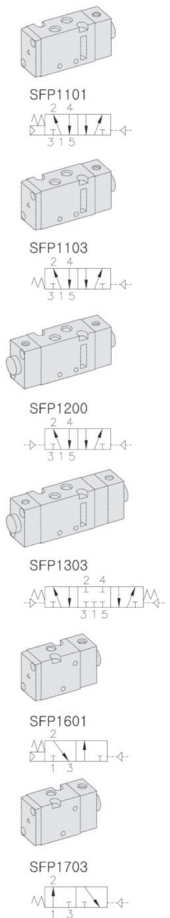
- SF1000
- SF2000
- SF3000
- SF4000
- SF5000
- SF6000

SF1000. M5

"F" FLEXIBLE Series
Solenoid / Pneumatic Valves

- 5/2, 5/3, 3/2 - M5
- 15mm Body Width
- Transition Flow 200ℓ/min (5bar)



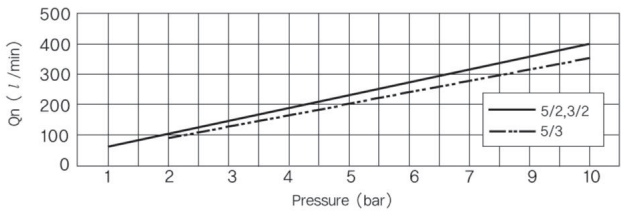


**: Voltage Selection (see page 80)

SPECIFICATION

ITEM \ SERIES	SOLENOID, PNEUMATIC	
FUNCTION	5, 3 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	3.6	3.0
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	

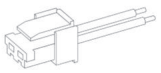
Transition Capacity Graph



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

Plug Connector With Clip



Ordering Code
PG2-06 (L : 600mm)
PG2-10 (L : 1,000mm)

※ 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.

SF1 | 1 | 0 | 1 | - | I | P | - | SC1 | - | CN1 | - | A2

Valve Series	Function	Port Size & Thread	Return Method	Int/Ext. Pilot	Manual Operator	Solenoid Coil Type	Connector Type	Voltage
SF1 : Solenoid Valve	1 5/2 Single	0 M5×0.8	0 None	I Internal Pilot	0 None	0 None	0 None	0 None
SFP1 : Pneumatic Valve	2 5/2 Double	1 10-32 UNF	1 Air+Spring		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
	6 3/2 Normally Closed					SM1 180 Degree Plug-in Wire Assembly With LED		D2 DC 12V
	7 3/2 Normally Open							



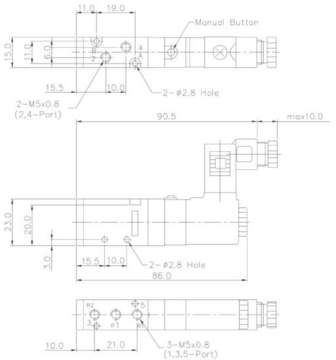
Solenoid & Pilot Actuated Spool Valves

Port Thread M5 × 0.8

5Port 2Position Solenoid Valve

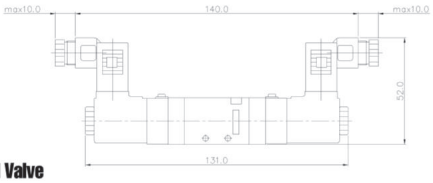
Single Solenoid
SF1101-IP-SC1-CN1-**





Double Solenoid
SF1200-IP-SC1-CN1-**





5Port 3Position Solenoid Valve

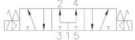
Closed Center
SF1303-IP-SM1-**

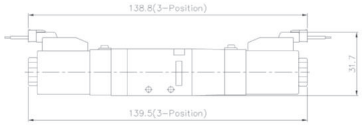


Exhaust Center
SF1403-IP-SM1-**



Pressure Center
SF1503-IP-SM1-**





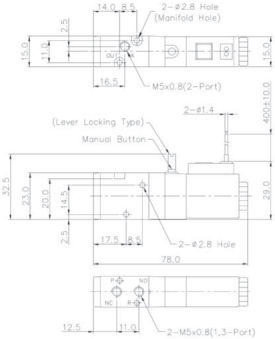
3Port 2Position Solenoid Valve

Normally Closed
SF1601-IP-SD1-**



Normally Open
SF1701-IP-SD1-**

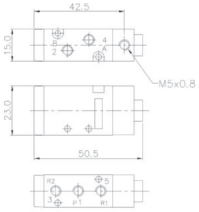




5Port 2Position Pneumatic Valve

Single Pneumatic
SFP1101





Double Pneumatic
SFP1200

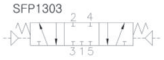






5Port 3Position Pneumatic Valve

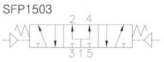
Closed Center
SFP1303



Exhaust Center
SFP1403



Pressure Center
SFP1503



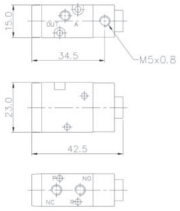
3Port 2Position Pneumatic Valve

Normally Closed
SFP1601



Normally Open
SFP1701





Manifold Block Ordering Code

MF 1500 - 2

Series	
MF1500	5 Way
MF1300	3 Way

Manifold Station	
02	2-Station
04	4-Station
06	6-Station
08	8-Station
10	10-Station

Blanking Plate Ordering Code

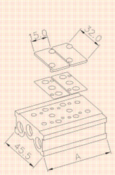
MF1500-BLK
Blanking Plate. (Material : SCP1)
Manifold Gasket. (Material : NBR)

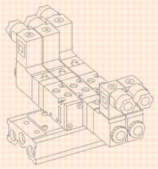
MF1500-BLK
Blanking Plate. (Material : SCP1)
Manifold Gasket. (Material : NBR)

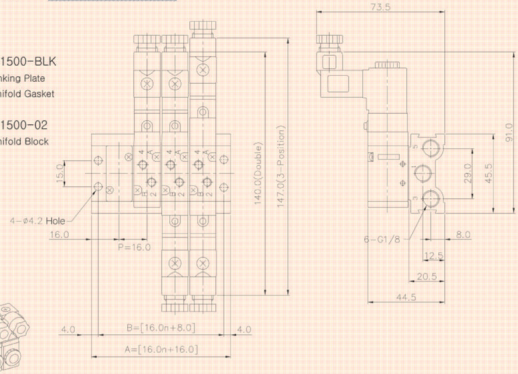
MF1000 MANIFOLD BLOCK

(SF1000 Solenoid & Pneumatic Valve Use)

5-Port Manifold Block MF1500-4





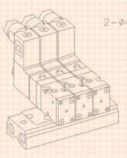


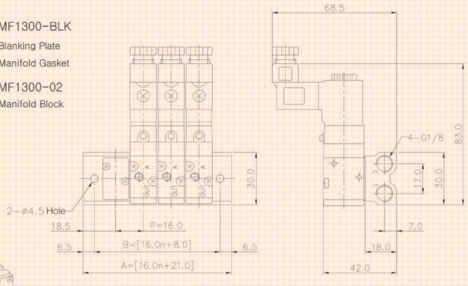
5PORT MANIFOLD BLOCK DIMENSION n=STATION

ITEM \ n	2	4	6	8	10
B	40.0	72.0	104.0	136.0	168.0
A	48.0	80.0	112.0	144.0	176.0

3-Port Manifold Block MF1300-4







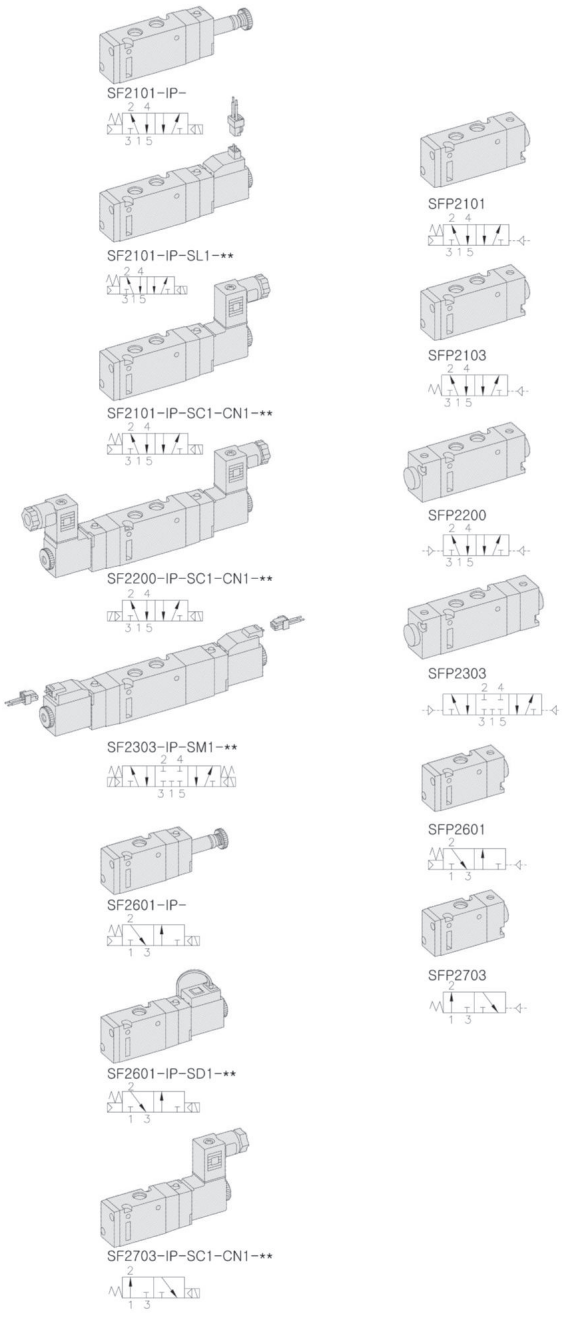
3PORT MANIFOLD BLOCK DIMENSION n=STATION

ITEM \ n	2	4	6	8	10
B	40.0	72.0	104.0	136.0	168.0
A	53.0	85.0	117.0	149.0	181.0

SF2000. 1/8

"F" FLEXIBLE Series
Solenoid / Pneumatic Valves

- 5/2, 5/3, 3/2 - 1/8
- 18mm Body Width
- Transition Flow 700ℓ/min (5bar)

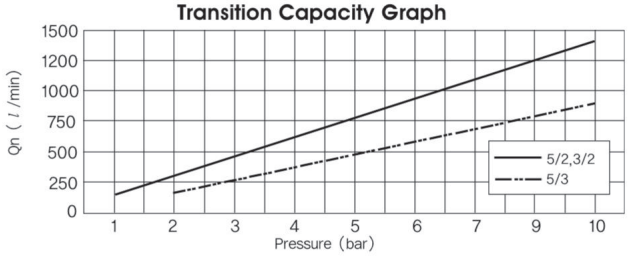


**: Voltage Selection (see page 80)

SPECIFICATION

ITEM \ SERIES / FUNCTION	SOLENOID, PNEUMATIC	
	5, 3 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	12.6	9.0
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	

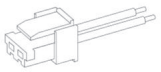
Transition Capacity Graph



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

Plug Connector With Clip



Ordering Code
PG2-06 (L : 600㎜)
PG2-10 (L : 1,000㎜)

※ 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.

SF2 | 1 | 0 | 1 | - | I | P | - | SC1 | - | CN1 | - | A2

Valve Series	Function	Port Size & Thread	Return Method	Int/Ext. Pilot	Manual Operator	Solenoid Coil Type	Connector Type	Voltage
SF2 : Solenoid Valve	1 5/2 Single	0 G(or R) 1/8 ※Standard : G ※Option : R	0 None	I Internal Pilot	0 None	0 None	0 None	0 None
SFP2 : Pneumatic Valve	2 5/2 Double	1 NPT 1/8	1 Air + Spring		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
	6 3/2 Normally Closed					SM1 180 Degree Plug-in Wire Assembly With LED		D2 DC 12V
	7 3/2 Normally Open							

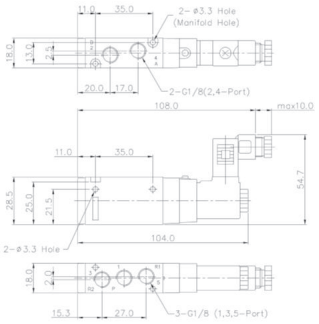


Solenoid & Pilot Actuated Spool Valves

5Port 2Position Solenoid Valve

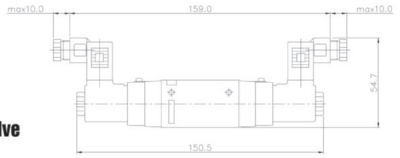
Single Solenoid
SF2101-IP-SC1-CN1-**





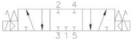
Double Solenoid
SF2200-IP-SC1-CN1-**





5Port 3Position Solenoid Valve

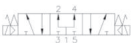
Closed Center
SF2303-IP-SM1-**

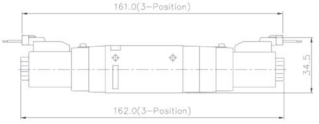


Exhaust Center
SF2403-IP-SM1-**



Pressure Center
SF2503-IP-SM1-**





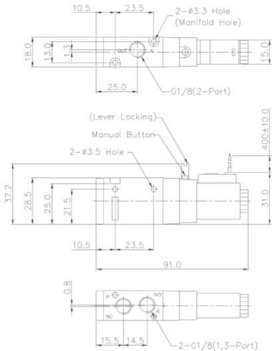
3Port 2Position Solenoid Valve

Normally Closed
SF2601-IP-SD1-**



Normally Open
SF2701-IP-SD1-**

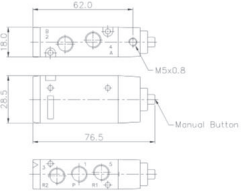




5Port 2Position Pneumatic Valve

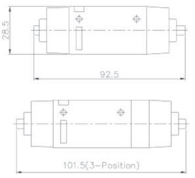
Single Pneumatic
SFP2101





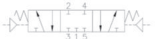
Double Pneumatic
SFP2200





5Port 3Position Pneumatic Valve

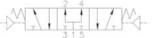
Closed Center
SFP2303



Exhaust Center
SFP2403



Pressure Center
SFP2503



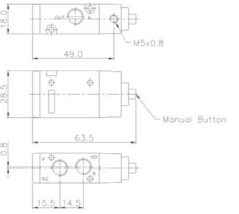
3Port 2Position Pneumatic Valve

Normally Closed
SFP2601



Normally Open
SFP2701





Manifold Block Ordering Code

MF 2500	-	2
Series		Manifold Station

Series		Manifold Station	
MF2500	5 Way	02	2-Station
MF2300	3 Way	04	4-Station
		06	6-Station
		08	8-Station
		10	10-Station

Blanking Plate Ordering Code

MF2500-BLK



MF2300-BLK

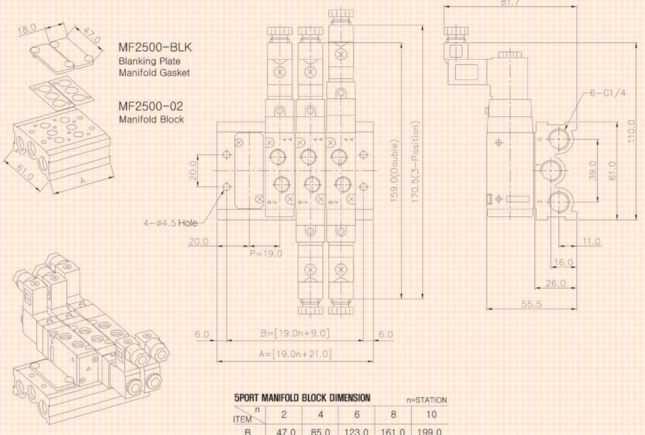


MF2000 MANIFOLD BLOCK

(SF2000 Solenoid & Pneumatic Valve Use)

5-Port Manifold Block

MF2500-4

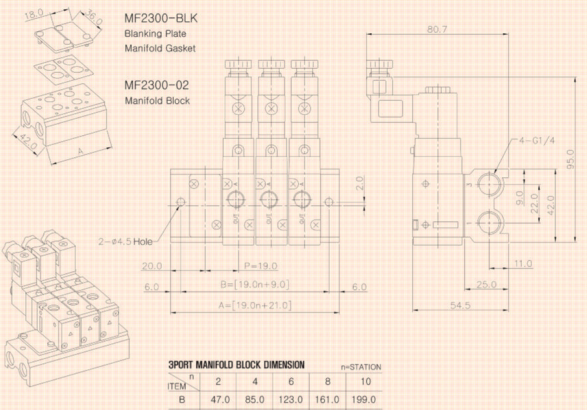


5PORT MANIFOLD BLOCK DIMENSION n=STATION

ITEM \ n	2	4	6	8	10
B	47.0	85.0	123.0	161.0	199.0
A	59.0	97.0	135.0	173.0	211.0

3-Port Manifold Block

MF2300-4



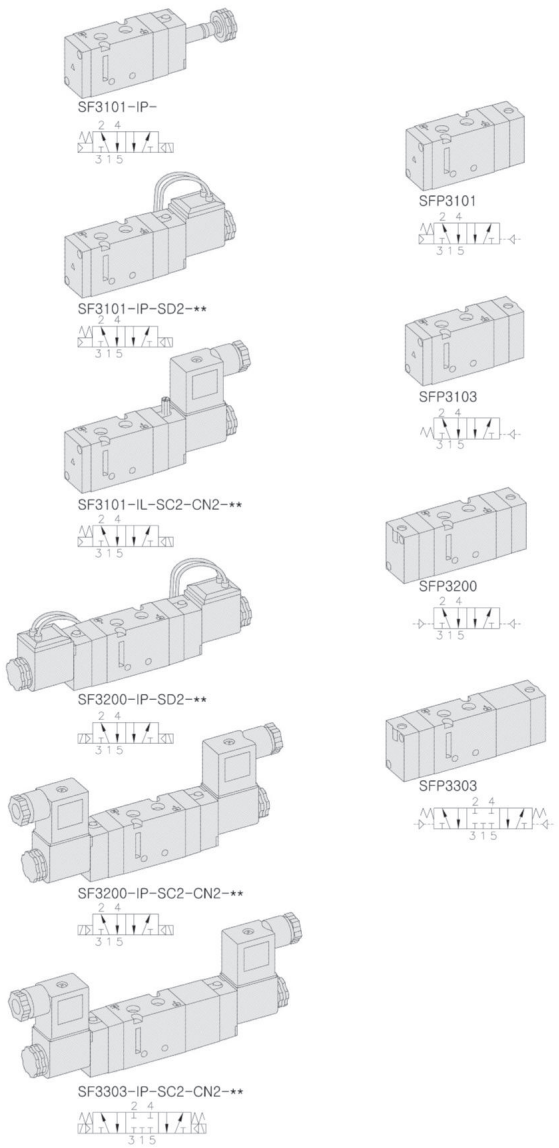
3PORT MANIFOLD BLOCK DIMENSION n=STATION

ITEM \ n	2	4	6	8	10
B	47.0	85.0	123.0	161.0	199.0
A	59.0	97.0	135.0	173.0	211.0

SF3000. 1/8

"F" FLEXIBLE Series
Solenoid / Pneumatic Valves

- 5/2, 5/3 - 1/8
- 23mm Body Width
- Transition Flow 760ℓ/min (5bar)

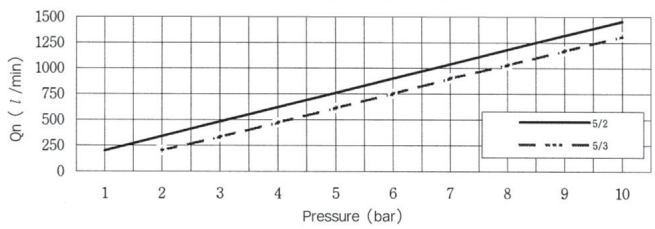


**: Voltage Selection (see page 80)

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. Section Area(㎟)-5bar	13.5	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

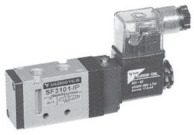
- Valve Body : Die-Cast Aluminium
- Spool : Aluminium
- Seals : NBR
- Spring : Stainless
- Cap : Zinc Pressure Die-Cast
- Pilot Parts : Glass Filled Nylon
- Armature : Stainless Steel
- Armature Seals : Viton

※ 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.

SF3 1 0 1 - I P - SC2 - CN2 - A2

Valve Series	Function	Port Size & Thread	Return Method	Int/Ext. Pilot	Manual Operator	Solenoid Coil Type	Connector Type	Voltage
SF3 : Solenoid Valve	1 5/2 Single	0 G 1/8	0 None	I Internal Pilot	0 None	0 None	0 None	0 None
SFP3 : Pneumatic Valve	2 5/2 Double	1 NPT 1/8	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		L Lever Locking	SG2 Grommet/Flying Leads	CD2 Cornnector With LED	A1 AC 110V
	4 5/3 Open Center		3 Spring			SD2 Grommet/Flying Leads With LED	CZ2 Cornnector With LED & Surge Suppressor	A4 AC 24V
	5 5/3 Pressure Center							D4 DC 24V
								D2 DC 12V

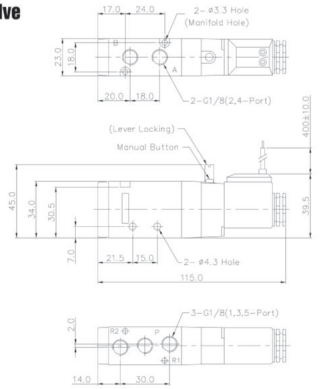


5Port 2Position Solenoid Valve

Single Solenoid

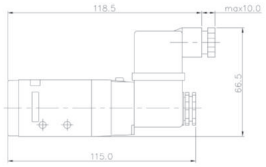
SF3101-IP-SD2-**





SF3101-IP-SC2-CN2-**

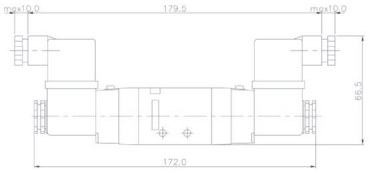




Double Solenoid

SF3200-IP-SC2-CN2-**





5Port 3Position Solenoid Valve

Closed Center

SF3303-IP-SC2-CN2-**



Exhaust Center

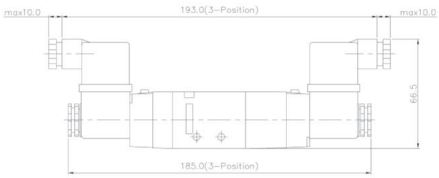
SF3403-IP-SC2-CN2-**



Pressure Center

SF3503-IP-SC2-CN2-**



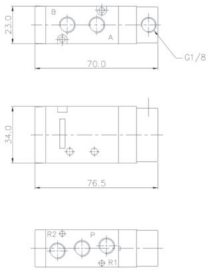


5Port 2Position Pneumatic Valve

Single Pneumatic

SFP3101

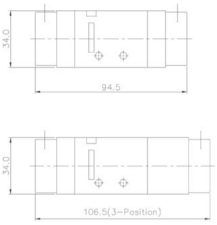




Double Pneumatic

SFP3200

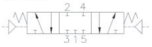




5Port 3Position Pneumatic Valve

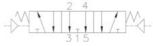
Closed Center

SFP3303



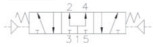
Exhaust Center

SFP3403



Pressure Center

SFP3503



Manifold Block Ordering Code

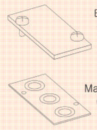
MF 3500	-	2
Series		Manifold Station

Series	
MF3500	5 Way

Manifold Station	
02	2-Station
04	4-Station
06	6-Station
08	8-Station
10	10-Station

Blanking Plate Ordering Code

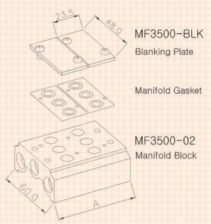
MF3500-BLK

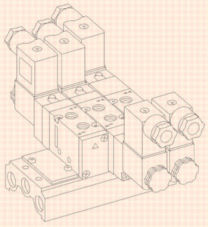


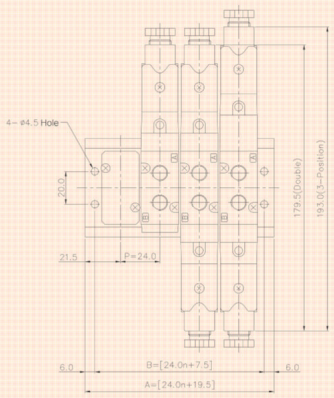
MF3000 MANIFOLD BLOCK

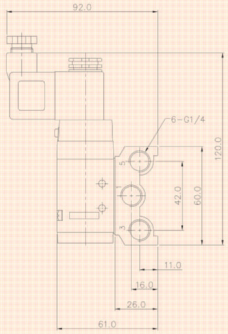
(SF3000 Solenoid & Pneumatic Valve Use)

5-Port Manifold Block MF3500-4









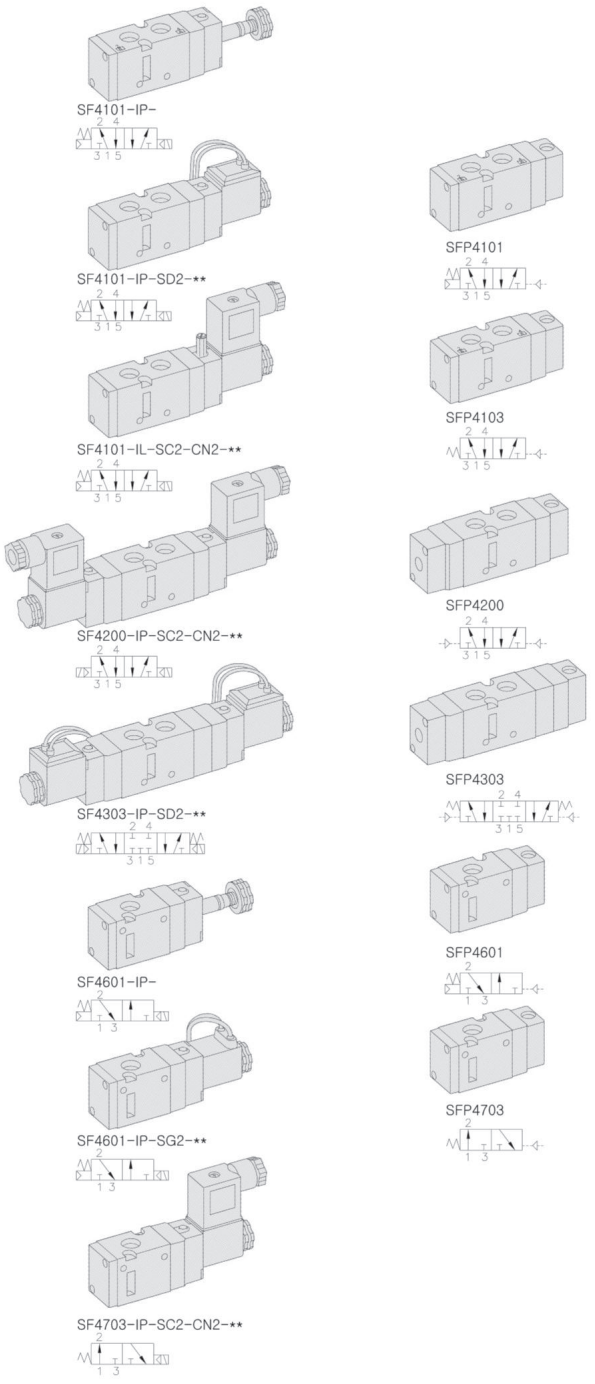
5PORT MANIFOLD BLOCK DIMENSION n=STATION

n / ITEM	2	4	6	8	10
B	55.5	103.5	151.5	199.5	247.5
A	67.5	115.5	163.5	211.5	259.5

SF4000. 1/4

"F" FLEXIBLE Series
Solenoid / Pneumatic Valves

- **5/2, 5/3, 3/2 - 1/4**
- **26mm Body Width**
- **Transition Flow 1000ℓ/min (5bar)**

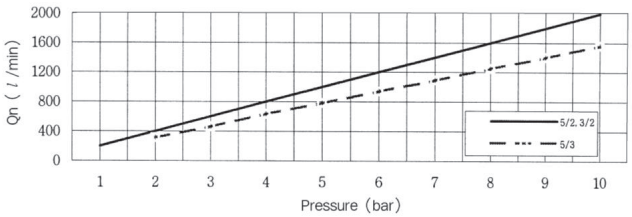


**: Voltage Selection (see page 80)

SPECIFICATION

ITEM \ SERIES / FUNCTION	SOLENOID, PNEUMATIC	
	5, 3 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	19.0	11.5
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:5.5VA(60Hz) / DC:2.5W	

Transition Capacity Graph



The Material of Parts

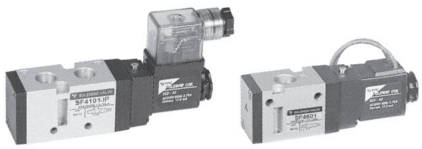
- Valve Body : Die-Cast Aluminium
- Spool : Aluminium
- Seals : NBR
- Spring : Stainless
- Cap : Zinc Pressure Die-Cast
- Pilot Parts : Glass Filled Nylon
- Armature : Stainless Steel
- Armature Seals : Viton

※ 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.

SF4 1 0 1 - I P - SC2 - CN2 - A2

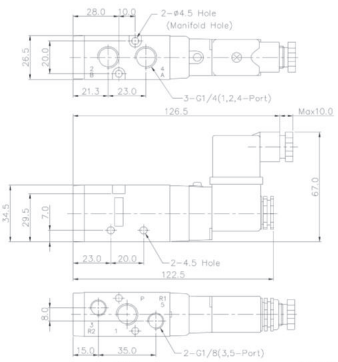
Valve Series	Function	Port Size & Thread	Return Method	Int/Ext. Pilot	Manual Operator	Solenoid Coil Type	Connector Type	Voltage
SF4 : Solenoid Valve	1 5/2 Single	0 G(or R) 1/4 ※Standard : G ※Option : R	0 None	I Internal Pilot	0 None	0 None	0 None	0 None
SFP4 : Pneumatic Valve	2 5/2 Double	1 NPT 1/4	1 Air+Spring		P Push Non-Locking	SC2 3 Pin Connector Coil	CN2 Normal Connector	A2 AC 220V
	3 5/3 Closed Center		2 Air		L Lever Locking	SG2 Grommet/Flying Leads	CD2 Cornnector With LED	A1 AC 110V
	4 5/3 Open Center		3 Spring			SD2 Grommet/Flying Leads With LED	CZ2 Cornnector With LED & Surge Suppressor	A4 AC 24V
	5 5/3 Pressure Center							D4 DC 24V
	6 3/2 Normally Closed							D2 DC 12V
	7 3/2 Normally Open							



5Port 2Position Solenoid Valve

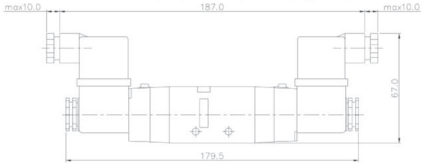
Single Solenoid
SF4101-IP-SC2-CN2-**





Double Solenoid
SF4200-IP-SD2-**



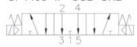


5Port 3Position Solenoid Valve

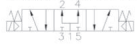
Closed Center
SF4303-IP-SC2-CN2-**

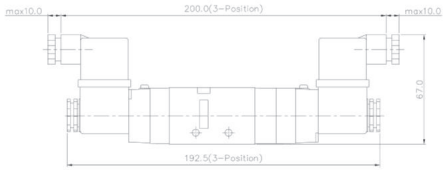


Exhaust Center
SF4403-IP-SC2-CN2-**



Pressure Center
SF4503-IP-SC2-CN2-**





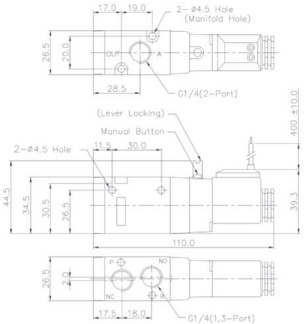
3Port 2Position Solenoid Valve

Normally Closed
SF4601-IP-SD2-**



Normally Open
SF4701-IP-SD2-**

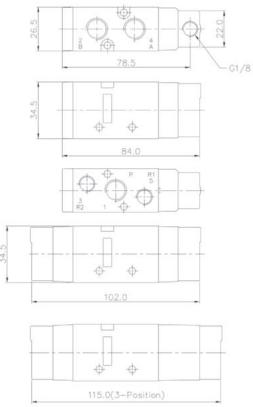




5Port 2Position Pneumatic Valve

Single Pneumatics
SFP4101



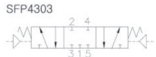


Double Pneumatic
SFP4200



5Port 3Position Pneumatic Valve

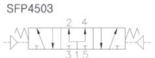
Closed Center
SFP4303



Exhaust Center
SFP4403



Pressure Center
SFP4503



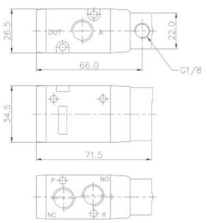
3Port 2Position Pneumatic Valve

Normally Closed
SFP4601



Normally Open
SFP4701





Manifold Block Ordering Code

MF 4500 - 2

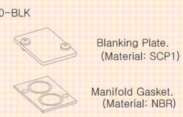
Series		Manifold Station	
MF4500	5 Way	02	2-Station
MF4300	3 Way	04	4-Station
		06	6-Station
		08	8-Station
		10	10-Station

Blanking Plate Ordering Code

MF4500-BLK



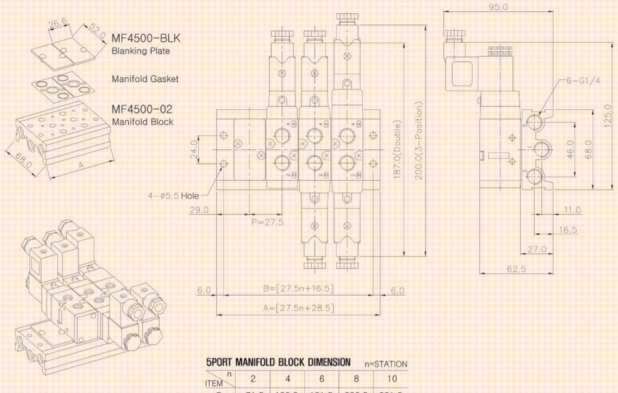
MF4300-BLK



MF4000 MANIFOLD BLOCK

(SF4000 Solenoid & Pneumatic Valve Use)

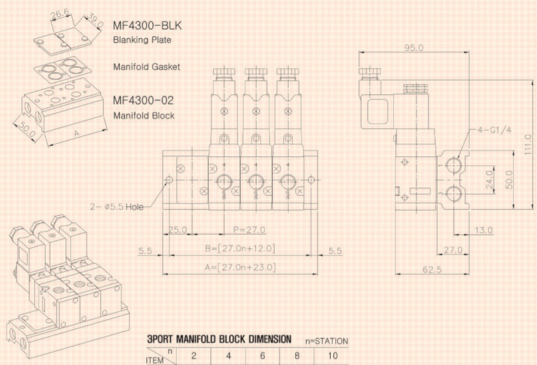
5-Port Manifold Block MF4500-4



5PORT MANIFOLD BLOCK DIMENSION n=STATION

ITEM \ n	2	4	6	8	10
B	71.5	126.5	181.5	236.5	291.5
A	83.5	138.5	193.5	248.5	303.5

3-Port Manifold Block MF4300-4



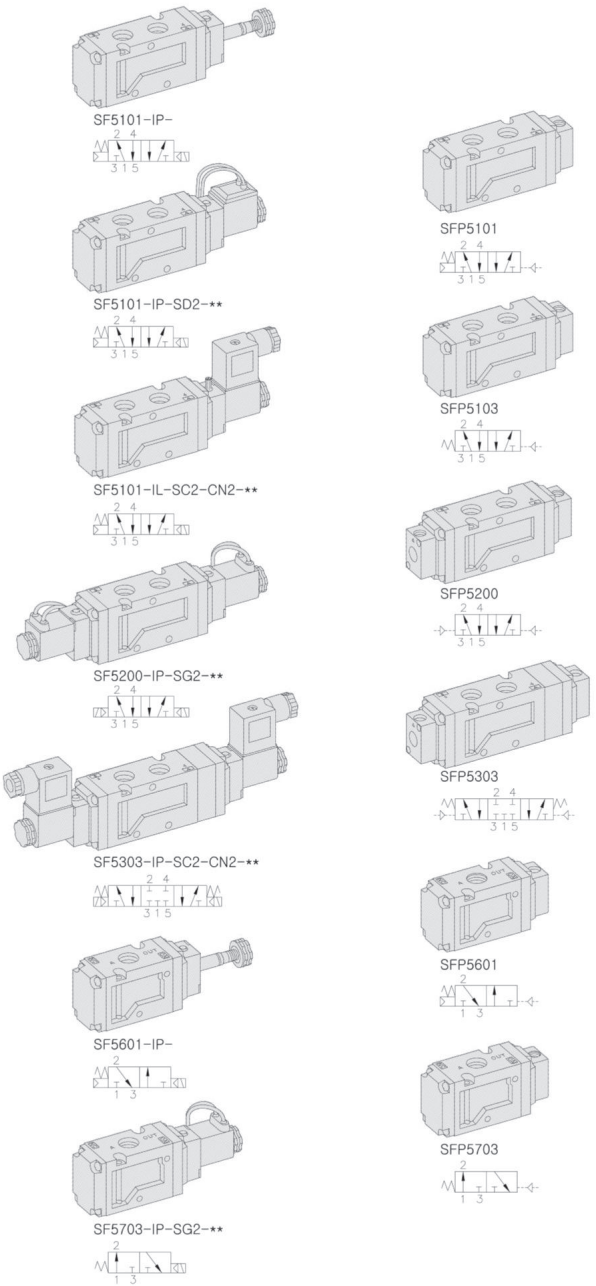
3PORT MANIFOLD BLOCK DIMENSION n=STATION

ITEM \ n	2	4	6	8	10
B	66.0	120.0	174.0	228.0	282.0
A	77.0	131.0	185.0	239.0	293.0

SF5000. 3/8

"F" FLEXIBLE Series
Solenoid / Pneumatic Valves

- 5/2, 5/3, 3/2 - 3/8
- 32mm Body Width
- Transition Flow 2000ℓ/min (5bar)

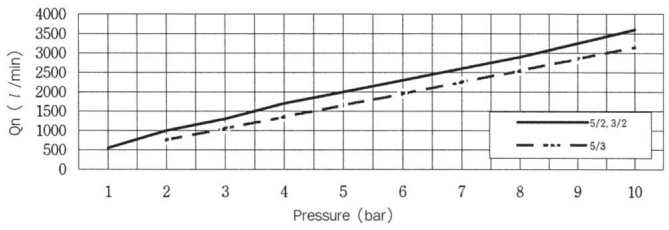


**: Voltage Selection (see page 80)

SPECIFICATION

ITEM \ SERIES / FUNCTION	SOLENOID, PNEUMATIC	
	5, 3 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	36.0	30.0
Ambient & Fluid Temp.	5~60℃(41~140℉)	
Response Time(5bar)	30ms or Less	40ms 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

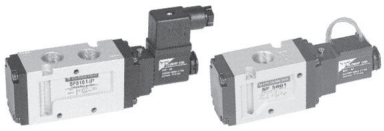
- Valve Body : Die-Cast Aluminium
- Spool : Aluminium
- Seals : NBR
- Spring : Stainless
- Cap : Zinc Pressure Die-Cast
- Pilot Parts : Glass Filled Nylon
- Armature : Stainless Steel
- Armature Seals : Viton

※ 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.

SF5 | 1 | 0 | 1 | - | I | P | - | SC2 | - | CN2 | - | A2

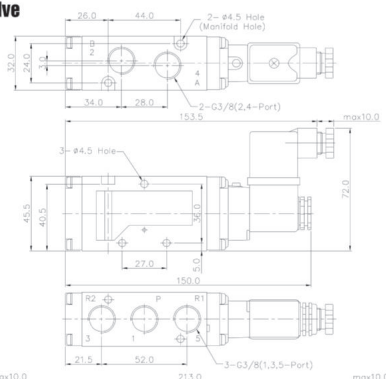
Valve Series	Function	Port Size & Thread	Return Method	Int/Ext. Pilot	Manual Operator	Solenoid Coil Type	Connector Type	Voltage
SF5 : Solenoid Valve	1 5/2 Single	0 G(or R) 3/8 ※Standard : G ※Option : R	0 None	I Internal Pilot	0 None	0 None	0 None	0 None
SFP5 : Pneumatic Valve	2 5/2 Double	1 NPT 3/8	1 Air+Spring		P Push Non-Locking	SC2 3 Pin Connector Coil	CN2 Normal Connector	A2 AC 220V
	3 5/3 Closed Center		2 Air		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
	6 3/2 Normally Closed							D2 DC 12V
	7 3/2 Normally Open							



5Port 2Position Solenoid Valve

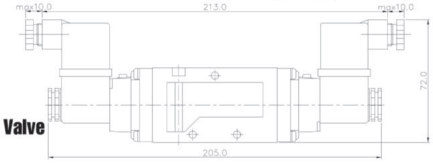
Single Solenoid
SF5101-IP-SC2-CN2-**





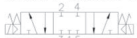
Double Solenoid
SF5200-IP-SC2-CN2-**



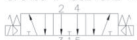


5Port 3Position Solenoid Valve

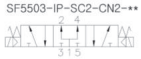
Closed Center
SF5303-IP-SC2-CN2-**

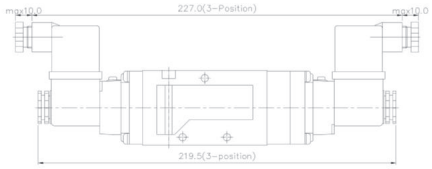


Exhaust Center
SF5403-IP-SC2-CN2-**



Pressure Center
SF5503-IP-SC2-CN2-**





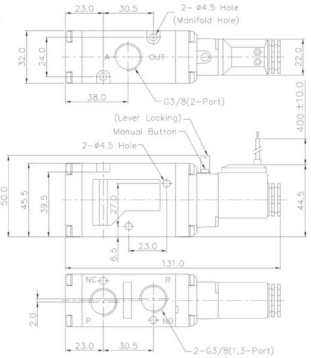
3Port 2Position Solenoid Valve

Normally Closed
SF5601-IP-SD2-**



Normally Closed
SF5701-IP-SD2-**

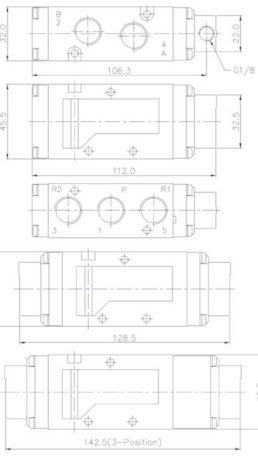




5Port 2Position Pneumatic Valve

Single Pneumatic
SFP5101





Double Pneumatic
SFP5200

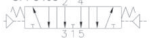


5Port 3Position Pneumatic Valve

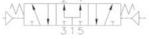
Closed Center
SFP5303



Exhaust Center
SFP5403



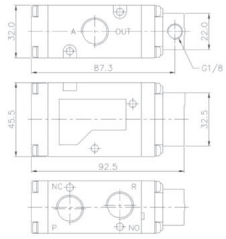
Pressure Center
SFP5503



3Port 2Position Pneumatic Valve

Single Pneumatic
SFP5601





Manifold Block Ordering Code

MF 5500 - 2

Series	
MF5500	5 Way
MF5300	3 Way

Manifold Station	
02	2-Station
04	4-Station
06	6-Station
08	8-Station
10	10-Station

Blanking Plate Ordering Code

MF5500-BLK



Blanking Plate.
(Material: SCP1)

Manifold Gasket.
(Material: NBR)

MF5300-BLK



Blanking Plate.
(Material: SCP1)

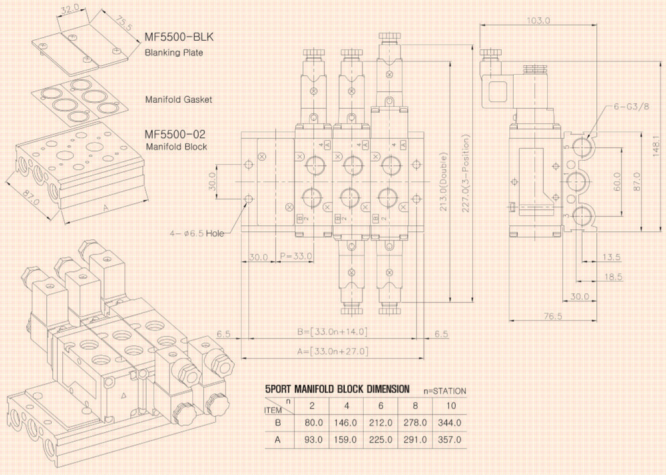
Manifold Gasket.
(Material: NBR)

MF5000 MANIFOLD BLOCK

(SF5000 Solenoid & Pneumatic Valve Use)

5-Port Manifold Block

MF5500-4

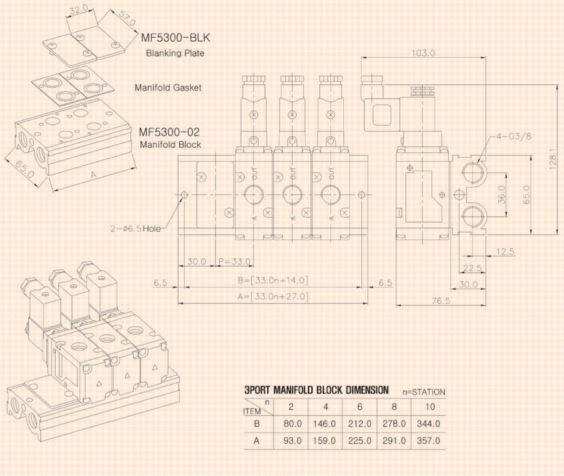


5PORT MANIFOLD BLOCK DIMENSION n=STATION

ITEM \ n	2	4	6	8	10
B	80.0	146.0	212.0	278.0	344.0
A	93.0	159.0	225.0	291.0	357.0

3-Port Manifold Block

MF5300-4



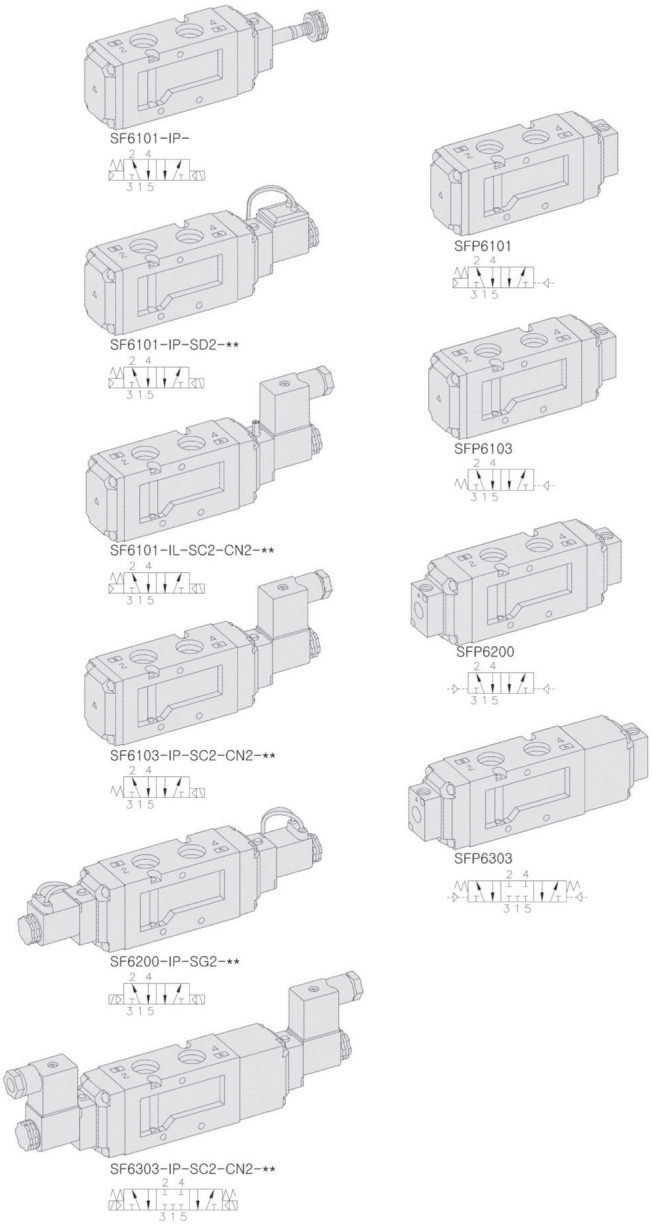
3PORT MANIFOLD BLOCK DIMENSION n=STATION

ITEM \ n	2	4	6	8	10
B	80.0	146.0	212.0	278.0	344.0
A	93.0	159.0	225.0	291.0	357.0

SF6000. 1/2

"F" FLEXIBLE Series
Solenoid / Pneumatic Valves

- **5/2, 5/3 - 1/2**
- **36mm Body Width**
- **Transition Flow 3500ℓ/min (5bar)**

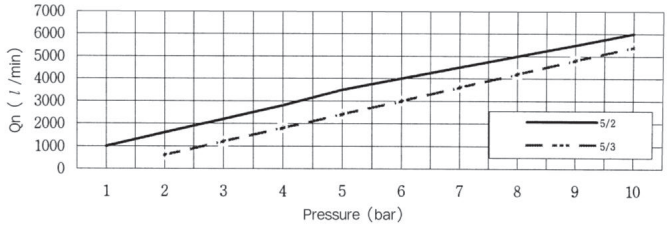


**: Voltage Selection (see page 80)

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. Section Area(㎟)-5bar	65.0	50.0
Ambient & Fluid Temp.	5~60℃(41~140℉)	
Response Time(5bar)	30ms or Less	40ms or Less
Max. Working Frequency	2c/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

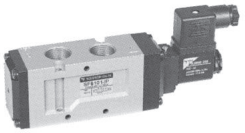
- Valve Body : Die-Cast Aluminium
- Spool : Aluminium
- Seals : NBR
- Spring : Stainless
- Cap : Zinc Pressure Die-Cast
- Pilot Parts : Glass Filled Nylon
- Armature : Stainless Steel
- Armature Seals : Viton

※ 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.

SF6 | 1 | 0 | 1 | - | I | P | - | SC2 | - | CN2 | - | A2

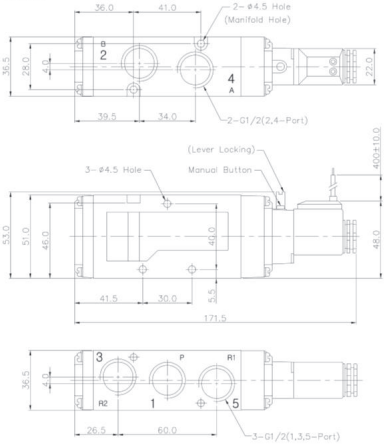
Valve Series	Function	Port Size & Thread	Return Method	Int/Ext. Pilot	Manual Operator	Solenoid Coil Type	Connector Type	Voltage
SF6 : Solenoid Valve	1 5/2 Single	0 G(or R) 1/2 ※Standard : G ※Option : R	0 None	I Internal Pilot	0 None	0 None	0 None	0 None
SFP6 : Pneumatic Valve	2 5/2 Double	1 NPT 1/2	1 Air+Spring		P Push Non-Locking	SC2 3 Pin Connector Coil	CN2 Normal Connector	A2 AC 220V
	3 5/3 Closed Center		2 Air		L Lever Locking	SG2 Grommet/Flying Leads	CD2 Cornnector With LED	A1 AC 110V
	4 5/3 Open Center		3 Spring			SD2 Grommet/Flying Leads With LED	CZ2 Cornnector With LED & Surge Suppressor	A4 AC 24V
	5 5/3 Pressure Center							D4 DC 24V
								D2 DC 12V



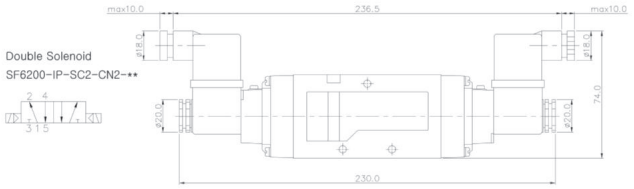
5Port 2Position Solenoid Valve

Single Solenoid
SF6101-IP-SD2-**





Double Solenoid
SF6200-IP-SC2-CN2-**

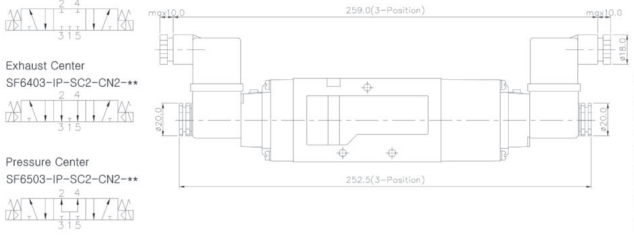


5Port 3Position Solenoid Valve

Closed Center
SF6303-IP-SC2-CN2-**

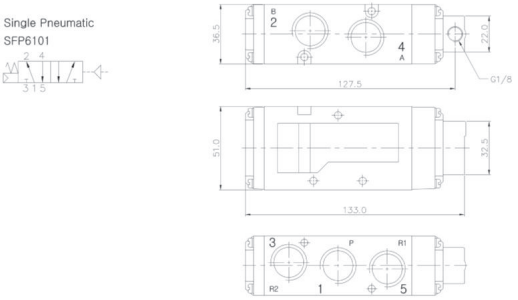
Exhaust Center
SF6403-IP-SC2-CN2-**

Pressure Center
SF6503-IP-SC2-CN2-**

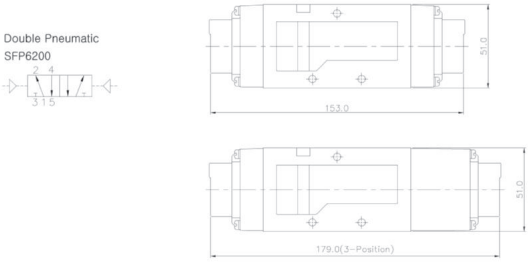


5Port 2Position Pneumatic Valve

Single Pneumatic
SFP6101



Double Pneumatic
SFP6200



5Port 3Position Pneumatic Valve

Closed Center
SFP6303

Exhaust Center
SFP6403

Pressure Center
SFP6503

Manifold Block Ordering Code

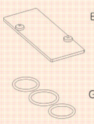
MF 6500 - 2

Series	
MF6500	5 Way

Manifold Station	
02	2-Station
04	4-Station
06	6-Station
08	8-Station
10	10-Station

Blanking Plate Ordering Code

MF6500-BLK



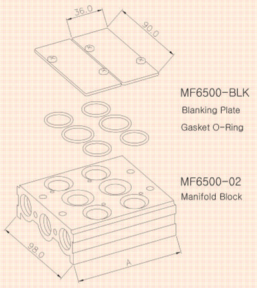
Blanking Plate
(Material: SCP1)

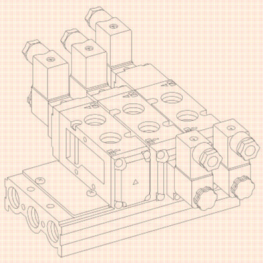
Gasket O-Ring
(Material: NBR)

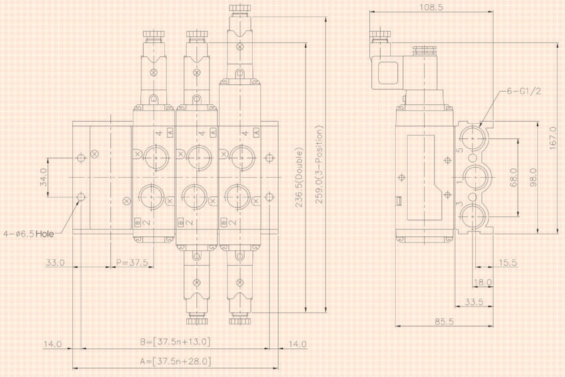
MF6000 MANIFOLD BLOCK

(SF6000 Solenoid & Pneumatic Valve Use)

5-Port Manifold Block MF6500-4







5PORT MANIFOLD BLOCK DIMENSION n=STATION

ITEM \ n	2	4	6	8	10
B	88.0	163.0	238.0	313.0	388.0
A	103.0	178.0	253.0	328.0	403.0

MEMO