

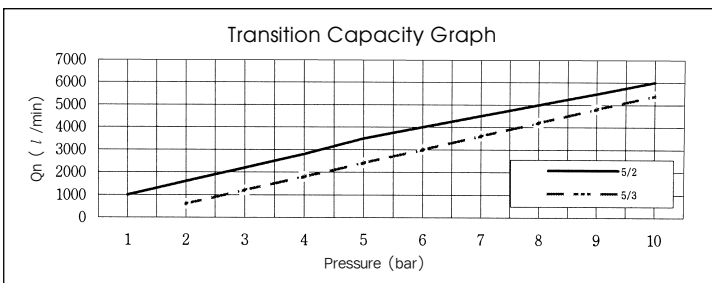
# SF6000. 1/2

"F" FLEXIBLE Series  
Solenoid / Pneumatic Valves

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

## SPECIFICATION

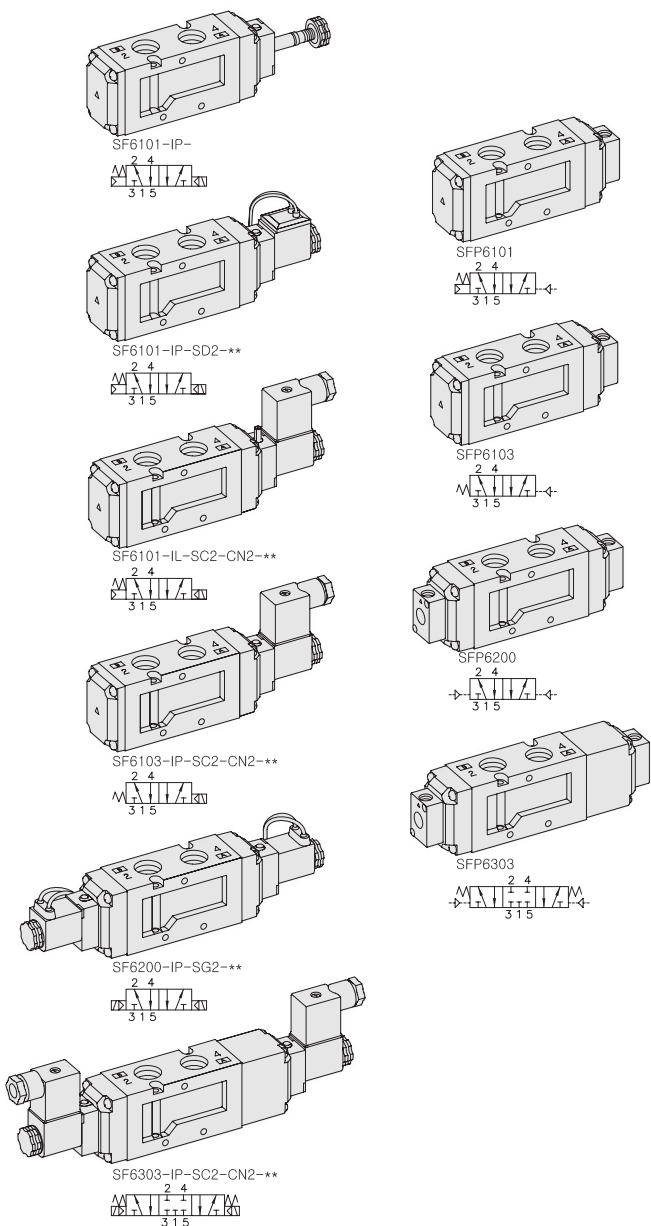
ITEM	SERIES	SOLENOID, PNEUMATIC	
		5 Port 2 Position	5 Port 3 Position
Fluids		Compressed Air & Inert Gases	
Pressure(bar)		1.5~10.0	2.0~10.0
Eff. Section Area(mm <sup>2</sup> )-5bar		65.0	50.0
Ambient & Fluid Temp.		5~60°C (41~140°F)	
Response Time(5bar)		30ms or Less	40ms or Less
Max. Working Frequency		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	



## 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.

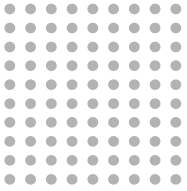


\*\* : Voltage Selection (see page 80)

## 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 1/2	0 None	1 Internal Pilot	0 None	0 None	0 None	0 None
	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 Connector With LED	A1 AC 110V
	4 5/3 Open Center		3 Spring			SD2 Grommet/Flying Leads With LED	C22 Connector With LED & Surge Suppressor	A4 AC 24V D4 DC 24V D2 DC 12V
SFP6 : Pneumatic Valve	5 5/3 Pressure Center							

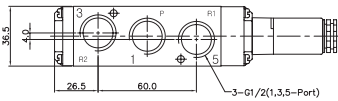
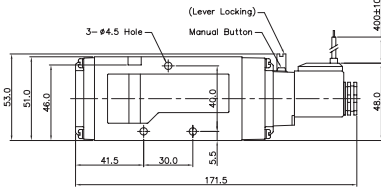
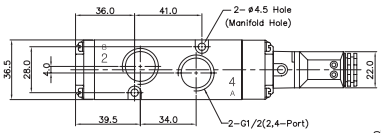
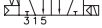


# Solenoid & Pilot Actuated Spool Valves

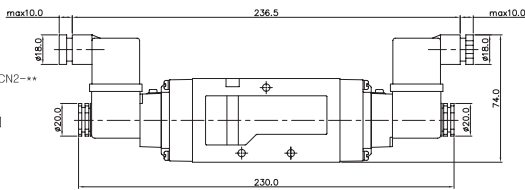
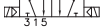
Port Thread 1/2

## 5Port 2Position Solenoid Valve

Single Solenoid  
SF6101-IP-SD2-\*

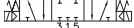


Double Solenoid  
SF6200-IP-SC2-CN2-\*

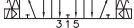


## 5Port 3Position Solenoid Valve

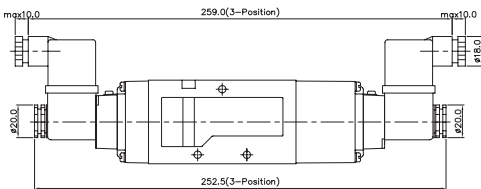
Closed Center  
SF6303-IP-SC2-CN2-\*



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

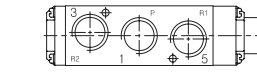
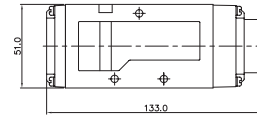
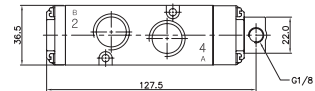


Pressure Center  
SF6503-IP-SC2-CN2-\*

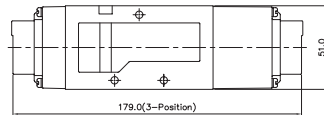
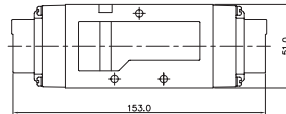


## 5Port 2Position Pneumatic Valve

Single Pneumatic  
SFP6101



Double Pneumatic  
SFP6200

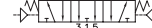


## 5Port 3Position Pneumatic Valve

Closed Center  
SFP6303



Exhaust Center  
SFP6403



Pressure Center  
SFP6503



## Manifold Block Ordering Code

MF 6500		-		2	
Series	Manifold Station				
MF6500	5 Way	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)

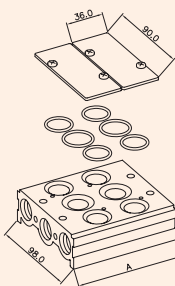
Gasket O-Ring  
(Material: NBR)

# MF6000 MANIFOLD BLOCK

(SF6000 Solenoid & Pneumatic Valve Use)

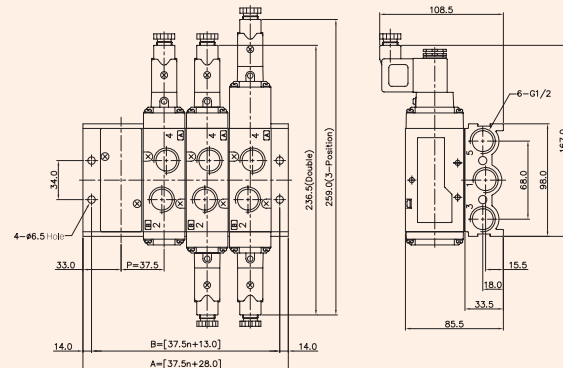
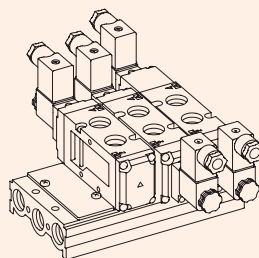
## 5-Port Manifold Block

MF6500-4



MF6500-BLK  
Blanking Plate  
Gasket O-Ring

MF6500-02  
Manifold Block



5PORT MANIFOLD BLOCK DIMENSION		n=STATION	
ITEM	2	4	6
B	88.0	163.0	238.0
A	103.0	178.0	253.0