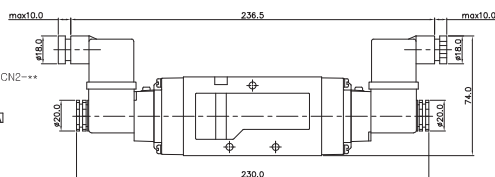
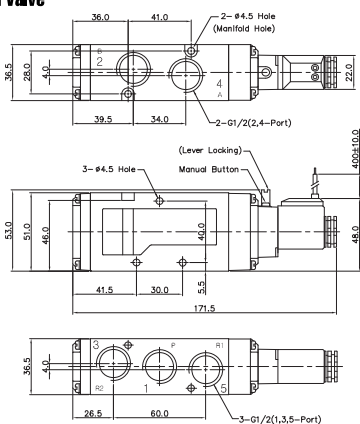




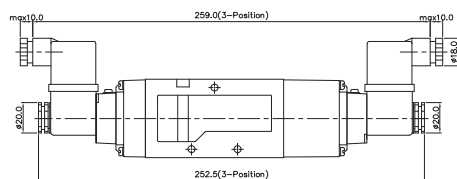
Port Thread 1/2

5Port 2Position Solenoid Valve

A horizontal beam of length 10 m is shown. It has a pin support at the left end and a roller support at the right end. A triangular load starts at 0 kN/m at the left end and increases linearly to 4 kN/m at the right end. A point load of 2 kN is applied downwards at the midpoint (5 m from the left). The beam is divided into four segments of 2.5 m each. The load intensity at the boundaries of these segments is labeled as 0, 1, 2, and 4 kN/m. The reaction at the roller support is labeled as R .



5Port 3Position Solenoid Valve

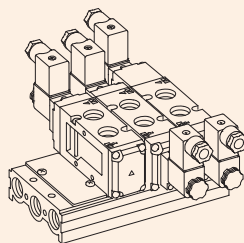
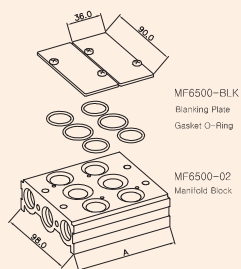


MF6000 MANIFOLD BLOCK

(SF6000 Solenoid & Pneumatic Valve Use)

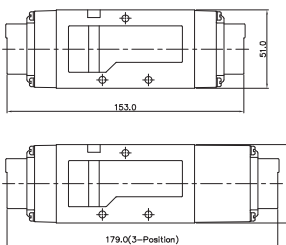
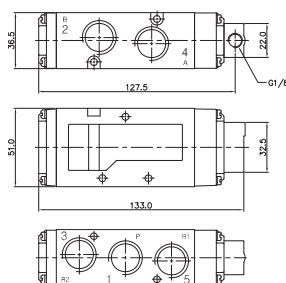
5-Port Manifold Block

MF6500-4



5Port 2Position Pneumatic Valve

A horizontal beam of length 10 m is shown. It is supported by a pin support at the left end and a roller support at the right end. A triangular load starts at 0 kN/m at the left end and increases linearly to 4 kN/m at the right end. A point load of 2 kN is applied downwards at the midpoint of the beam (5 m from the left end).



5Port 3Position Pneumatic Valve

SFP6303



Exhaust Center
SFP6403

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

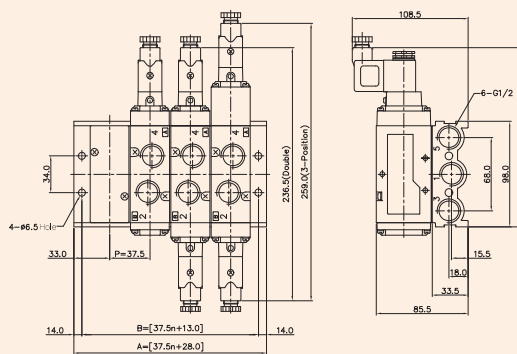
MF6500-BLK



Blanking Plate.



Gasket O-Ring
(Material: NBR)



		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	

SF6000. 1/2

"F" FLEXIBLE Series

Solenoid / Pneumatic Valves

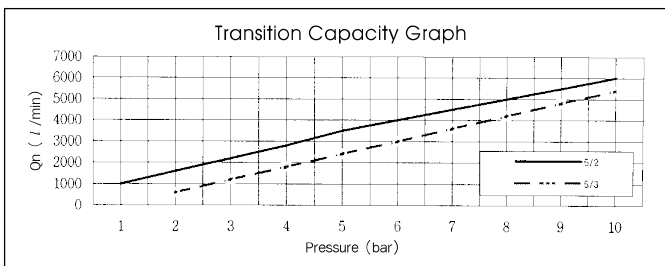
■ 5/2, 5/3 - 1/2

■ 36mm Body Width

■ Transition Flow 3500ℓ/min (5bar)

SPECIFICATION

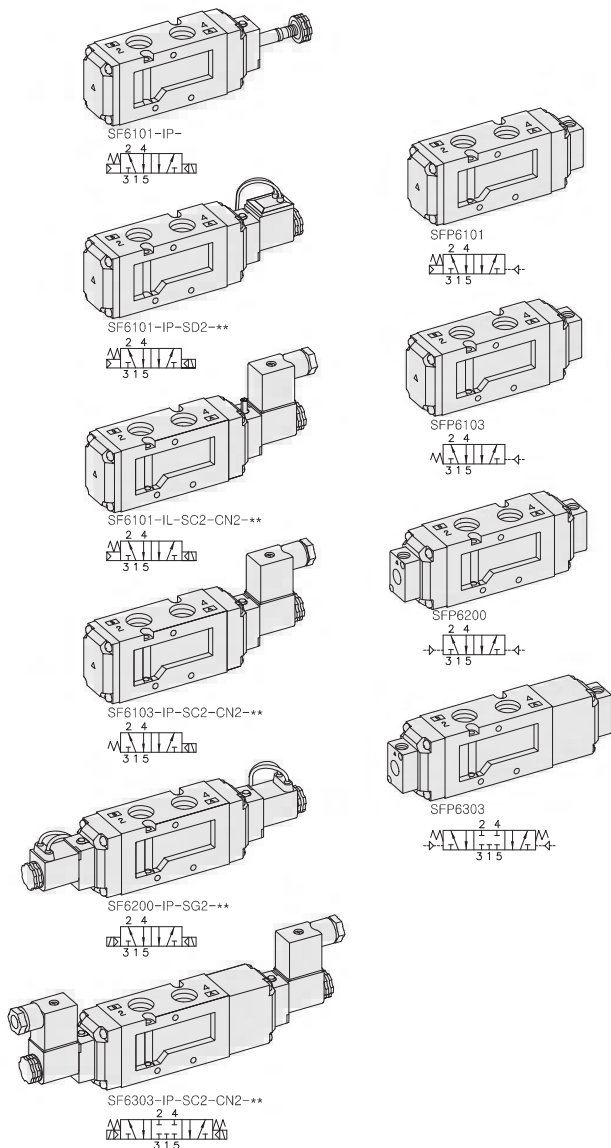
ITEM	SERIES FUNCTION	SOLENOID, PNEUMATIC	
		5 Port 2 Position	5 Port 3 Position
Fluids		Compressed Air & Inert Gases	
Pressure(bar)		1.5~10.0	2.0~10.0
Eff. Section Area(mm ²)-5bar		65.0	50.0
Ambient & Fluid Temp.		5~60°C (41~140°F)	
Response Time(5bar)		30ms or Less	40ms or Less
Max. Working Frequency		2c/sec	1c/sec
Lubrication		Not Required(Use ISO VG32#)	
Manual Override		Push Button(Standard), Lever Lock(Optional)	
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
- Pilot Parts : Glass Filled Nylon
- Spool : Aluminium
- Armature : Stainless Steel
- Seals : NBR
- Armature Seals : Viton
- Spring : Stainless
- Cap : Zinc Pressure Die-Cast

※ The specification on each item can be amended without any prenotice to improve a performance.
 ※ The specification on each item can be different from actual specification.



※: 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
SFP6 : Pneumatic Valve	4 5/3 Open Center		3 Spring			CZ2 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