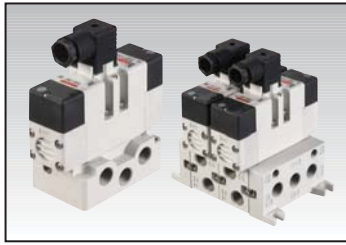
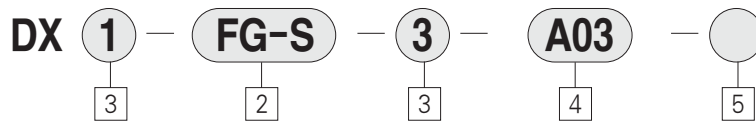


**5 port Solenoid valve /  
Elastic SEAL (ISO#1, #2)  
Series DX1, 2**



- Easy to replace Sol V/V
- Prevent leaving bolt (integration)
- Protect spool from dust by P-MESH
- Easy maintenance (Integrated body / manifold gasket)
- Easy to make manifold assembly with integrated clamp tap
- Compact / Light design
- Attach manifold valve

**How to Order**



**1** DX1 (ISO Size1)  
DX2 (ISO Size2)

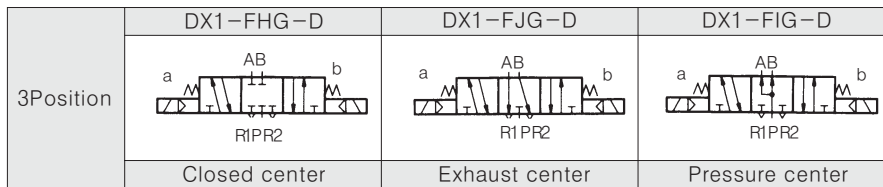
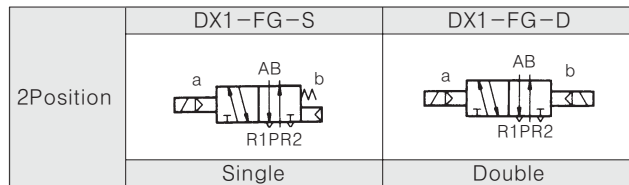
**2** Type of Actuation  
 FG-S : 2Position Single  
 FG-D : 2Position Double  
 FHG-D : 3Position Closed Center  
 FJG-D : 3Position Exhaust Center  
 FIG-D : 3Position Pressure Center

**3** Coil voltage  
 1 : AC100V, 50/60Hz  
 2 : AC200V, 50/60Hz  
 3 : DC24V  
 ※ Surge voltage suppressor is on the basis

**4** SUB PLATE  
 • DX1  
 Blank : none  
 A02 : side-Piping 1/4  
 A03 : side-Piping 3/8  
 B02 : Bottom-Piping 1/4  
 B03 : Bottom-Piping 3/8  
 • DX2  
 Blank : none  
 A03 : side-Piping 3/8  
 A04 : side-Piping 1/2  
 B03 : side-Piping 3/8  
 B04 : Bottom-Piping 1/2

**5** Thread  
 Blank : Rc(PT)  
 U : NPT

<Symbol>



DS3000
DS5000
DP300/ 3000/5000
DS6000
DS3000 (Base Ported)
<b>DX1,2</b>
DX2R
DH
DW
DM
DT220/ UDT220/DC
TPC-1000 /1200
PC
PF
PR
PL
PP
PFH/ PFU
PLV
TXF
PVR/PNR
PER2000 /3000
TAD
EP
EM/EL
SPSA
SPS
SQ
SC
SP
SP4000 /SPM
SP2000
SN
SQ2
SH
DCH
SF
ST
W1
W2/W3
W4/W5
W6/W7 Mini Auto Switch



### Specification

Fluid	Air	
Operating pressure (MPa)	2position Single	0.15~1.0(1.5~10)
	2position Double	0.1~1.0(1~10)
	3position	0.2~1.0(2~10)
Ambient and Fluid Temperature°C	-5~60(antifreezs)	
Manual Operating	Non Lock Push Type	
Lubrication	Non-lube	
Mounting Position	Free	
m/s <sup>2</sup> Impact/ Vibration resistance	150/30(8.3~2000Hz)	
Max. Operating Frequency	2position	5
	3position	3
Protection Structure	IP66	
Roated Voltlage (V)	DC 24, AC 110V, AC220V(50/60Hz)	
Allowable Voltlage (%)	-10~+10 of rated voltage	
Polar	Non-Polar	
Response Time (ms), 0.5MPa {5kg/cm <sup>2</sup> }	Refer to below table	
Power consumption	DC(W)	1.8
Power consumption	AC(VA)	3.5
Effective Orifices mm <sup>2</sup> (CV)	Refer to below table	

### Weight

Item	DX1	DX2	
VALVE	SINGLE	618	
	DOUBLE	678	
	3-POSITION	716	
Manifold	BASE	734	
	SIDE COVER	Left:150	Left:346
		Right:142	Right:356
	SUB PLATE	655	

### Performance (DX1)

Model	Type of Actuation	Port Size	Effective orifice mm <sup>2</sup> (CV)	Response time(ms)
2Position	DX1-FG-S	Rc(PT)3/8	27 (1.5)	ON(Unde 30), OFF(Under 40) Under 30
	DX1-FG-D	Rc(PT)3/8		
3Position	DX1-FHG-D	Rc(PT)3/8	25.2 (1.4)	Under 50
	DX1-FJG-D	Rc(PT)3/8		
	DX1-FIG-D	Rc(PT)3/8		

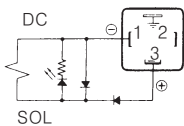
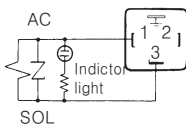
### Performance (DX2)

Model	Type of Actuation	Port Size	Effective orifice mm <sup>2</sup> (CV)	Response time(ms)
2Position	DX2-FG-S	Rc(PT)1/2	54 (3.0)	Under 45
	DX2-FG-D			Under 30
3Position	DX2-FHG-D		50(2.8)	Under 50
	DX2-FJG-D			
DX2-FIG-D	54(3.0)			

### DIN Connector (Wiring)

- Indictor light and Surge Voltage Suppressor

#### Single



#### Double & 3Position

