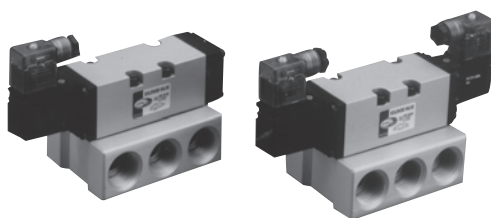


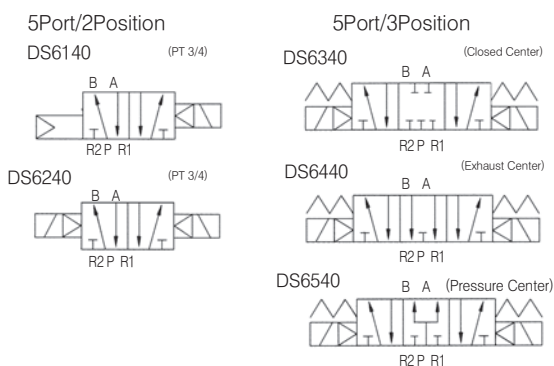
Series **DS6000**

Elastic Seal 5 Port Pilot Solenoid Type



- INTEGRATED SUB-BASE
- COMPACT SIZE AND LIGHT FLOW CAPACITY
EFFECTIVE ORIFICE 90mm²(Cv 5.0)
- LOW POWER CONSUMPTION - 1.8w(DC)
- MANY VARIATIONS AVAILABLE

Symbol



How To Order

U DS 6 1 4 0 — 1 G 06

1 2 3 4 5 6

1 Series

Blank : Rc(PT)Port
U : NPT

2 Configuration

- 1 : 2 Position Single
- 2 : 2 Position Double
- 3 : 3 Position Closed Center
- 4 : 3 Position Exhaust Center
- 5 : 3 Position Pressure Center

3 Voltage

- 1 : AC 110V(50/60Hz)
- 2 : AC 220V(50/60Hz)
- 5 : DC 24V
- 6 : DC 12V

4 Electrical Entry

- G : Grommet
- D : DIN Connector
- DN: DIN Connector(With indicator Light)
- DZ: DIN Connector(With indicator Light and surge suppressor)

5 Thread

Blank : Rc(PT)
G : Rc(PF)

6 Port Size

06 : 3/4

DW

DR100

DR200

RS1000,
2000

RS4000

SI UNIT

DV1000
DV3000
DV4000

DS300

DS3000

DS5000

DS2000

DS6000

DX1,DX2

DX1(2)R

DH

DP300
DP3000
DP5000

DM

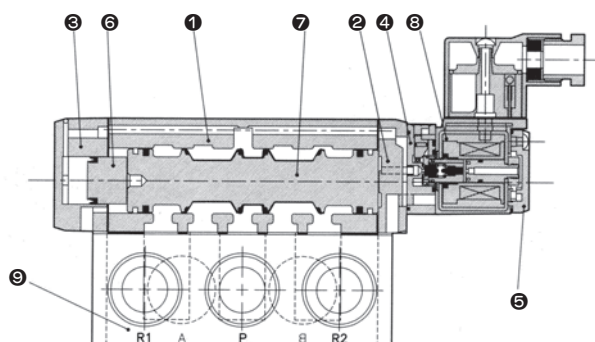
DT220

Specifications

Model			DS6140	DS6240	DS6340	DS6440	DS6540	
Fluid			Air					
Operating Pressure Range MPa(psi)			0.15~1.0(21~141)		0.1~1.0(14~141)			0.15~1.0(21~141psi)
Effective Orifice mm ² (Cv)			90(5.0)			70(3.89)		
Ambient and Fluid Temperature			Max. 50°C(122°F)					
Response Time(0.5MPa)			≤40ms			≤60ms		
Max. Operating frequency			5c/s			3c/s		
Lubrication			Not required					
Manual Override			Non-locking Push Type					
Impact/Vibration Resistance			30G/5G(8.3~2000HZ)					
Enclosure			Dust Proof					
Coil Voltage			AC 50/60HZ 110V, 220V, DC12V, 24V					
Allowable Voltage			-15%~+10% of Rated Voltage					
Coil Insulation			Class B or equivalent(130°C)266°F					
Apparent Power	AC	Inrush	5.6VA(50HZ), 5.0VA(60HZ)					
		Holding	4.5VA(50HZ), 3.8VA(60HZ)					
Power Consumption		DC	1.8W/2W(With LED)					
Weight(kgf)			1.17	1.2	1.22	1.22	1.22	
Surge suppressor circuit			AC, DC : Varistor					
Indicator Light			LED					

Construction/Parts List

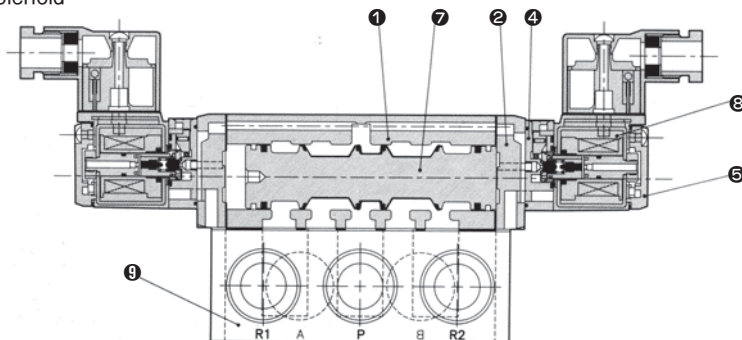
Single Solenoid



Main Parts

No.	Description	Material
①	Body	Aluminum
②	Adapter Plate	Aluminum
③	End Cover	Aluminum
④	Pilot Body	Polyacetal
⑤	Pilot Cover	Polyacetal
⑥	Piston	Polyacetal
⑦	Spool	Aluminum · NBR
⑧	Coil Ass'y	—
⑨	Base	Aluminum

Double Solenoid

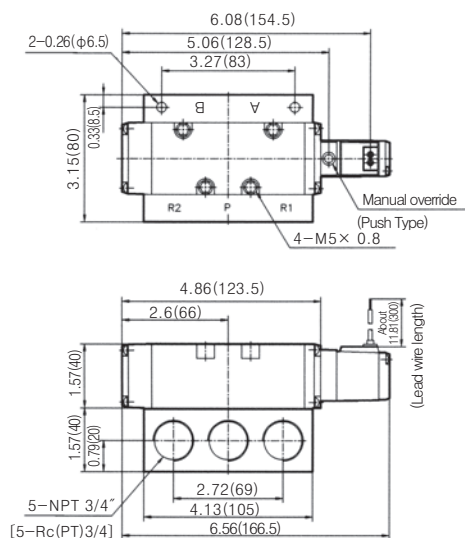
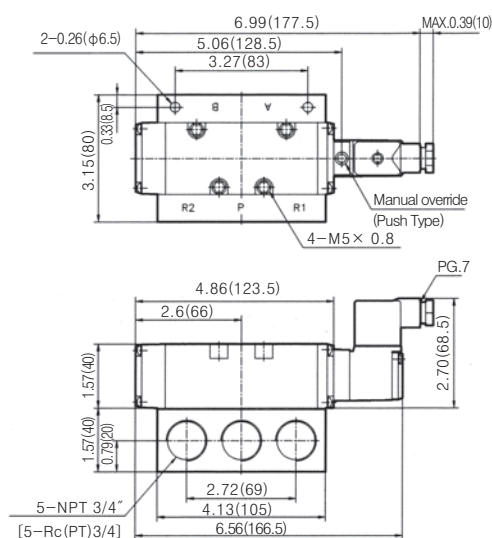


2 Position Single Solenoid

inch(mm)

Grommet(G)/DS 6140-○G

DIN Connector Type (D, DZ) DS6140-○ DN
DZ

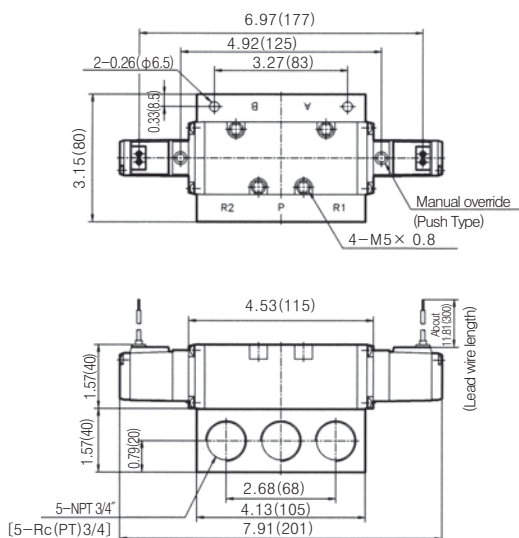
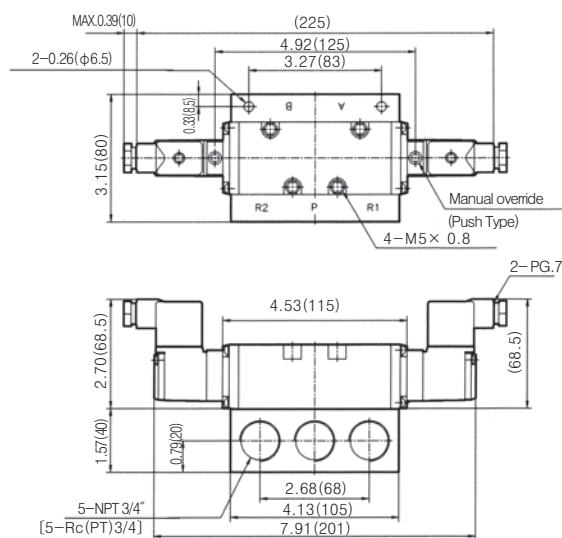


2 Position Double Solenoid

inch(mm)

Grommet(G)/DS 6240 - ○G

DIN Connector Type (D, DZ) DS6240-○ DN
DZ



DW

DR100

DR200

RS1000,
2000

RS4000

SI UNIT

DV1000
DV3000
DV4000

DS300

DS3000

DS5000

DS2000

DS6000

DX1,DX2

DX1(2)R

DH

DP300
DP3000
DP5000

DM

DT220

3 Position Closed Center · Exhaust Center · Pressure Center

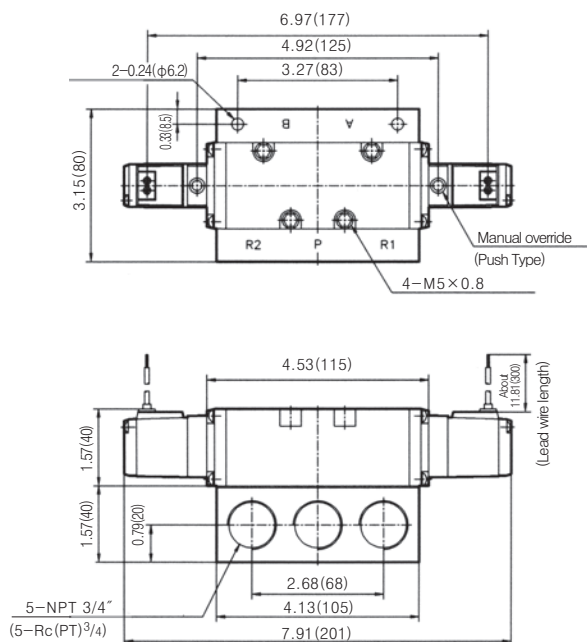
inch(mm)

Grommet(G)

DS 6300 - ○G

4

5



DIN Connector Type(D, DZ)

DS 6300 - ○D

4

DN

5

DZ

