

5 Port Pilot Operated Solenoid Valve

PHS530 Series

Rubber Seal / In-Line Type

PHS530S	2 Position Single solenoid
PHS530D	2 Position Double Solenoid
PHS530C	3 Position Center Closed
PHS530E	3 Position Exhaust Center
PHS530P	3 Position Pressure Center



Specifications

Model No	Unit	PHS520S	PHS520D	PHS520C	PHS520E	PHS520P
Fluid		Non-lubricated / Lubricated Air				
Port Size		PT 3/8"				
Effective Area	mm ² (Cv)	30(1.6)				
Temperature Range	℃	5~60℃				
Pressure Range	MPa(bar)	0.15~0.9(1.5~9.0)	0.1~0.9(1.0~9.0)	0.2~0.9(2.0~9.0)		
Max. Operating Cycle	cycle/s	8		3		
Response Time	ms	25 or less		35 or less		
Exhaust Type		Individual Exhaust				
Manual Override		Non-lock(Standard), Lever-lock(Optional)				
Shock/Vibration Resistance	m/s ²					

Electrical Specifications

Voltage	V	DC24V, AC110V, AC220V(50~60Hz)
Allowable Voltage Fluctuation	%	±10%
Power Consumption	W, VA	DC24V(2.6W), AC110V(4VA), AC220V(3.5VA)
Insulation class		F
Wiring		Lead Wire, DIN Connector
Indicator Light		LED

PHS530 Series

ORDER KEY

PHS530

S

10

110

DL

L

1

2

3

4

5

6

1. Series

5 Port Solenoid Valve

2. Function

S	Single Solenoid
D	Double solenoid
C	Center Closed
E	Exhaust Center
P	Pressure Center

3. Port Size

8	PT 1/4"
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4. Voltage

24V	DC24V
110V	AC110V
220V	AC220V

5. Wiring

No mark	Lead Wire
D	DIN Connector
DL	DIN Connector w/Lamp Indicator

6. Manual Override

No mark	Non-Lock
L	Lever-Lock

Coil & Connector

Coil

PEC5

DC24

D

Voltage

DC24
AC 110V
AC 220V

Wiring

No mark	Lead Wire
D	DIN

- Explosion Proof Coil
Explosion Proof Coil can be applied to the PHS Series.
Please refer To483 pages for detail information

Connector

PEC5

L

DC24

Lamp Indicator

No mark	No Lamp Indicator
L	w/ Lamp Indicator

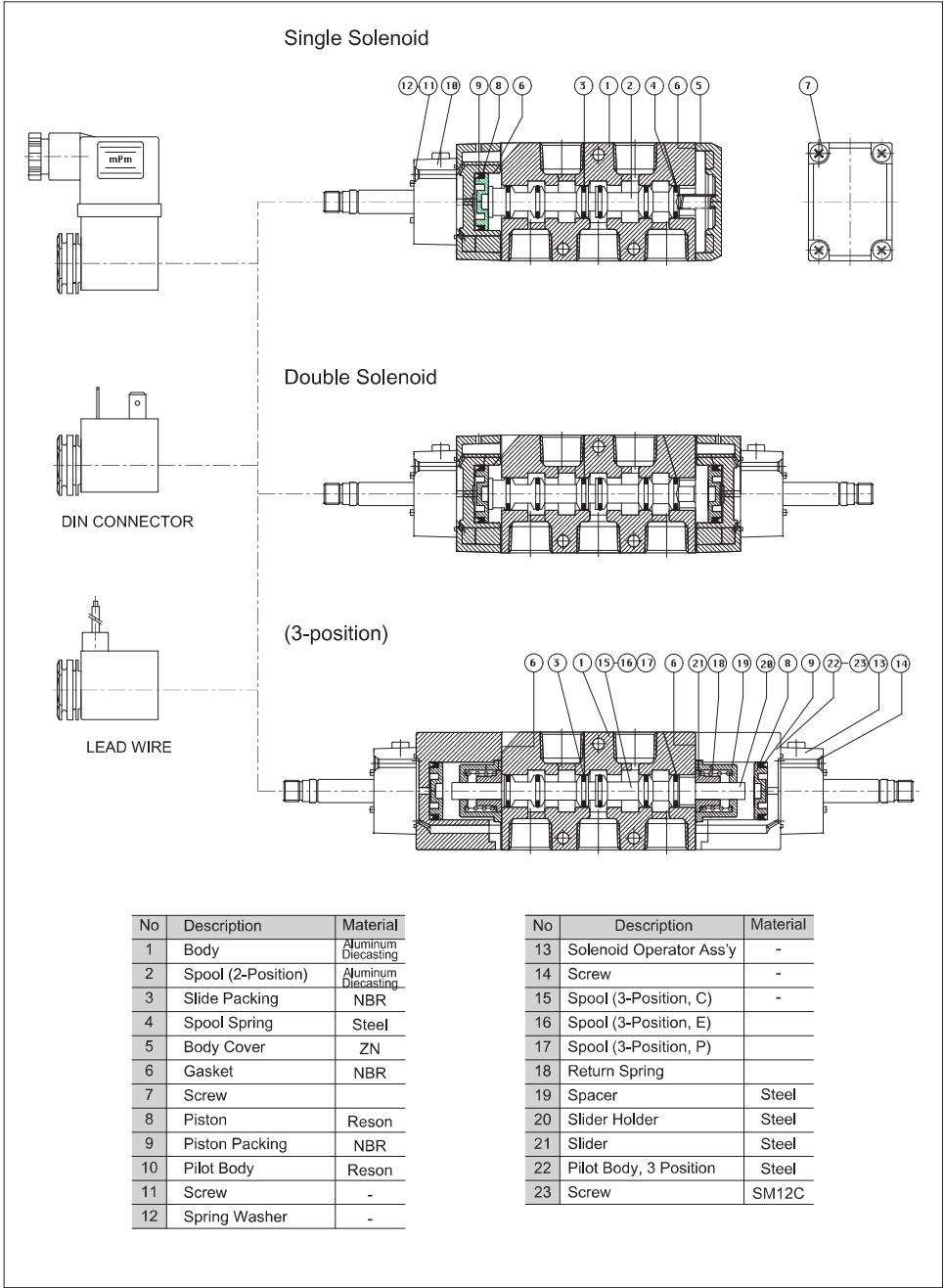
Voltage

No mark	No Lamp Indicator
24V	DC24
110V	AC 110V
220V	AC 220V

- Blanking Plate
Model : PHS530-BP

PHS530 Series

Construction



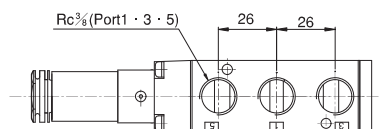
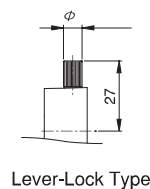
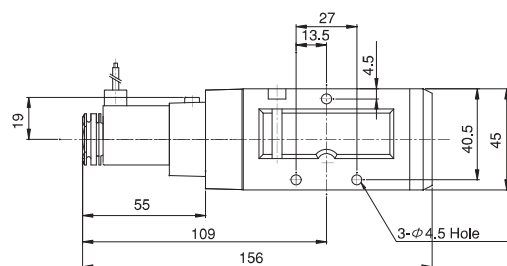
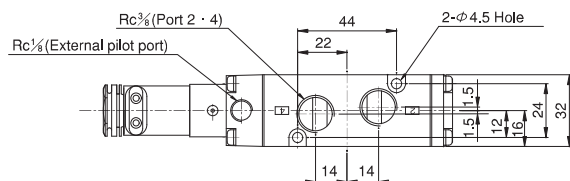
PHS530 Series

Dimension

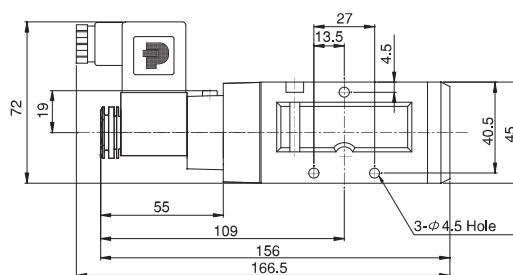
(Unit: mm)

PHS530S

Lead Wire Type



DIN-Connector Type



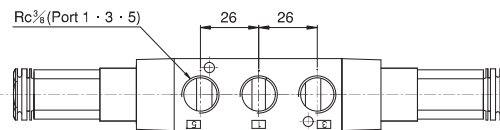
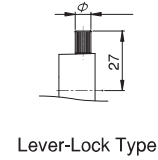
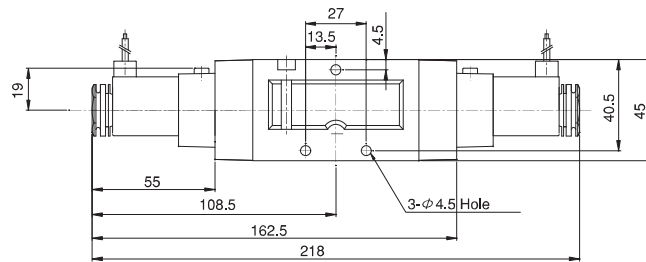
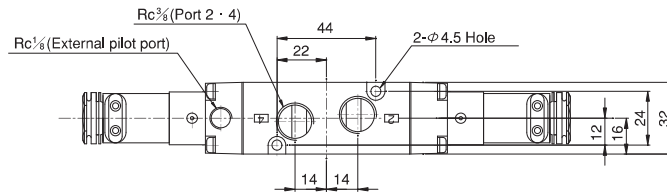
PHS530 Series

Dimension

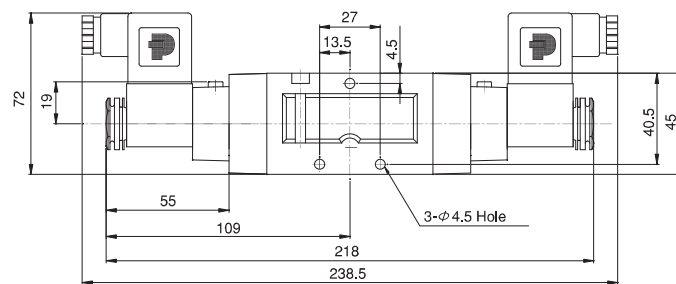
(Unit : mm)

PHS530D

Lead Wire Type



DIN-Connector Type



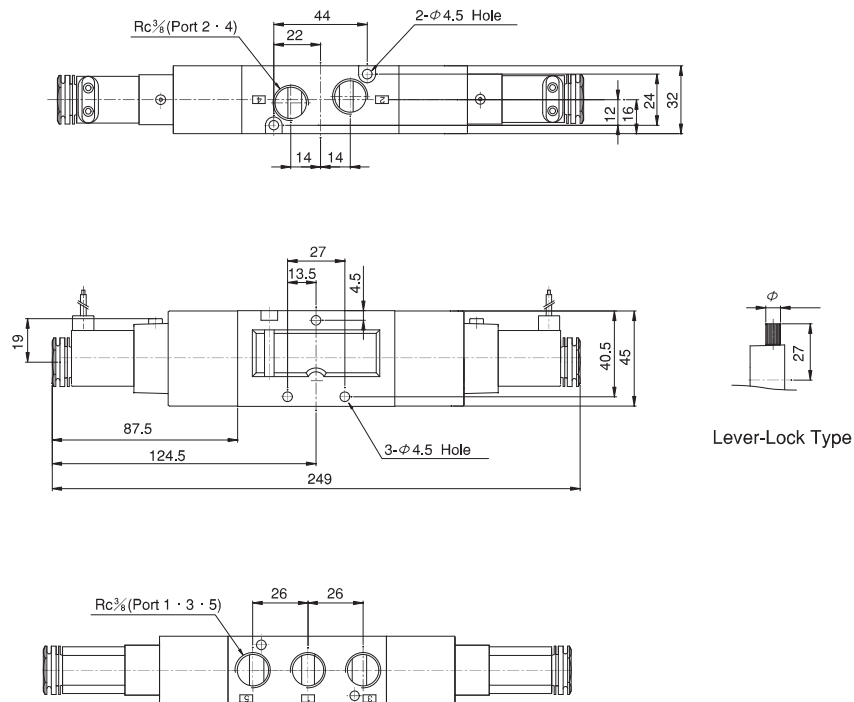
PHS530 Series

Dimension

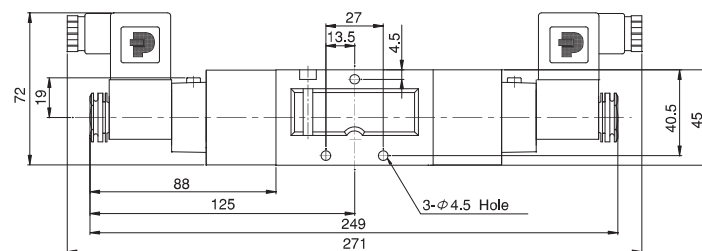
(Unit : mm)

PHS530C, PHS530E, PHS530P

Lead Wire Type



DIN-Connector Type



PHS530 Series / Manifold

ORDER KEY

PHS530

M5

Mountable Valve
PHS530 Series

Number of Station

M2	2 Station
⋮	⋮
M9	9 Station

Specification

Type	PHS520-M □	
	Common SUP, Common E	
Port Size	Port 1	RC 3/8
	Port 3, 5	RC 3/8
	Port 2, 4	RC 3/8
Station		2~9 Station
Mounting		Direct mount
Mountable Valve		PHS530 Series
Blanking Plate		PHS530-BP

Dimensions

(Unit : mm)

