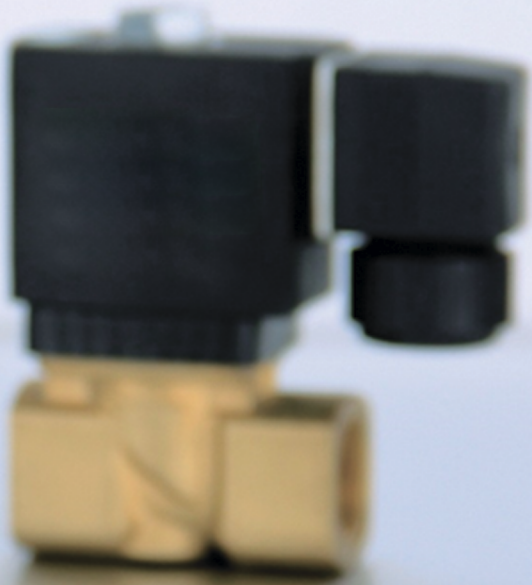


2

# SOLENOID VALVES



## Technical Data 2

AIRNEO Specializes in designing and manufacturing all kinds of 2/2, 3/ 2 fluid solenoid valve, angle seat valve, electric valve. We can design many kinds of valves according to customer requirement. Products are widely used in Automotive industry, electronic industry, food processing and packaging industry, water treatment industry, chemical industry, rubber industry, plastics industry, textile industry and printing industry.

### How to choose a correct valve?

1. Working medium: clean air, polluted water, oil or others
2. Temperature of medium: 0~180°C for optional
3. Working temperature: normal temperature
4. Working pressure: 0~5.0 Mpa for optional
5. Thread size: 1/ 8"-2" Flange
6. Orifice: 0.5mm~50mm for optional
7. Body valve material: Brass, SS304, SS316, Plastic for optional

### Valve body seal material selection list

○ : Can be used

✕ : Can not be used

Material Medium	Valve Body Features				Seal Features			
	Brass	Cast iron	Stainless steel	Plastic	NBR	EPDM	VITON	PTFE
Air	○	○	○	○	○	○	○	○
Natural gas	○	○	○		○	○	○	○
Oxygen	○	○	○	○	○	○	○	○
Hydrogen	○		○		○		○	○
City Gas	○		○				○	○
Industrial Gas	○		○		○			○
Nitrogen	○		○				○	○
Refined Oil	○	○	○				○	○
Water	○	○	○	○	○	○	○	○
Steam	○	○	○		✕	○	○	○
Drinking Water	○	○	○	○		○		○
Sea	○		○	○	○	○	○	○
Industrial waste water			○				○	○
Gasoline	○	○	○			✕	○	○
Kerosene	○	○	○	○	○	✕	○	○

# Technical Data 2

Material Medium	Valve Body Features				Seal Features			
	Brass	Cast iron	Stainless steel	Plastic	NBR	EPDM	VITON	PTFE
Diesel oil	○	×	○	○	○	×	○	○
Milk	○	○	○	○	○	○	○	○
Wine	○	○	○	○	○	○	○	○
Alcohol	○	○	○		○	×		○
Acetylene	○	○	○		○	×	○	○
Alcohol, Ethy( Ethanol)	○	○	○		○	×	○	○
Acetone	○	○	○		○	×	×	○
Ammonia					×			○
Toluene	○	○	○			×	○	○
Xylene	○	○	○			×	○	○
Propane	○	○	○			×	○	○
Methane	○	○	○		○	×	○	○
Sulfur Dioxide	○	○	○				○	○
Sodium Hydroxide<20 %		○	○		○	×		○
Nitrate<10 %			○				○	○
Sulfuric acid< 20%							○	○
Hydrochloric acid<10%								○
Acetic acid	○	○	○		○	×	○	○

# Technical Data 3

## Flow calculation method

### 1. Gas (Volume)

$$Q = 1.983 C_v P_1 \left( \frac{P_2 \leq P_1}{1.89} \right)$$

Note: Standard atmospheric conditions: 760mm Hg, 15.6°C

### 2. Liquid (Volume)

$$Q = 14.28 C_v \frac{\sqrt{P_1 - P_2}}{\sqrt{G}}$$

Note: Don't consider for viscosity influence less than 20mm<sup>2</sup>/s

Explain: Q: L/Min

P1: Inlet pressure kgf/cm<sup>2</sup>

P2: Outlet pressure kgf/cm<sup>2</sup>

△ P: P1-P2

G: Specific Gravity (Water=1, Air=1)

Cv: Flow Coefficient Cv≈1.16xKv Kv≈0.853xCv

## Commonly Used Pressure Units Conversion

$$1 \text{kgf/cm}^2 = 1 \text{bar} = 0.1 \text{Mpa} = 100 \text{KPa} = 14.5 \text{PSI}$$

## Commonly Used Seal Material Review

(In different places of the dynamic situation use, so relevant data is only for reference)

### 1. NBR

Main used for diaphragm, O-Rings and seal material, Suitable for air, gas, liquid water, light oil etc. Fluid temperature - 18°C to 80°C.

### 2. EPDM

Main used the place the Temperature range above NBR, (Such as hot water. low pressure steam) suitable for the most of gas, liquid water. Fluid temperature - 20°C to 139°C

### 3. VITON

Main used the place where NBR, EPDM can not be applied. Suitable for most of the gas, liquid water, gasoline, solvent etc. Fluid temperature - 20°C to 169°C

### 4. PTFE

Almost it can suitable for all fluid media. But as dynamic seal material, it will be leakage especially the media is gas.

## Innet structure and categories of two way solenoid valves

### Direct acting solenoid valves

Including normal close style (N.C.) and normal open style (N.O). The N. C. style solenoid valve stay close at power off condition. When power on, the coil yields electricity- magnetic force, which exceed the spring force and hence pulls active armature approaching to static armature, the valve becomes open; when power off, the electricity-magnetic force disappear and the active armature go back to its original place by the spring force, the valve close. The valve close. The N.O. Style is just opposite. These valve are normally simple structure, dependable action, fast response, high frequency and with ≤ 6mm small orifice size (N.O. style ≤ 4mm).

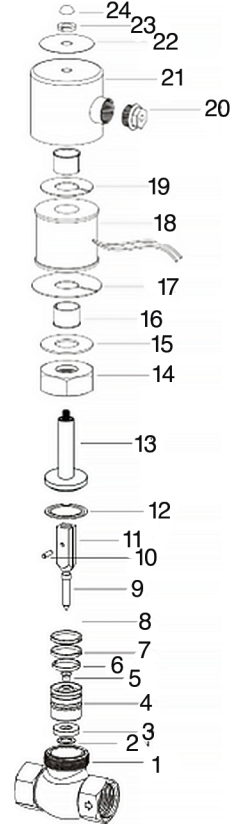
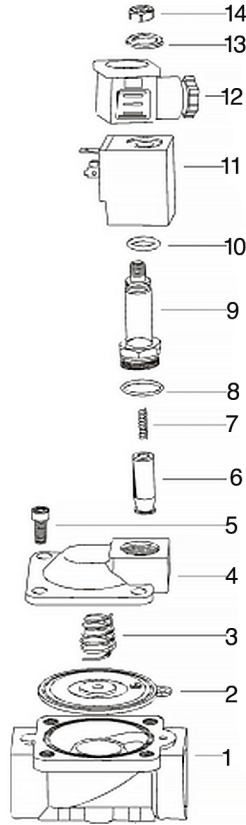
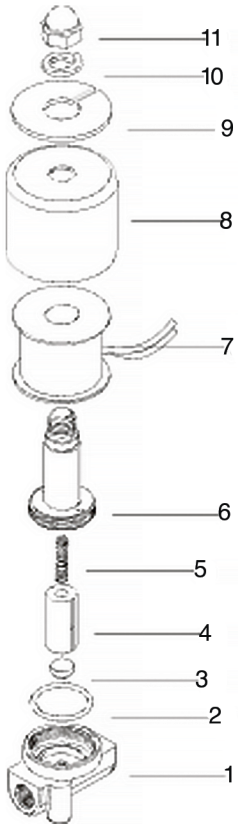
### Diaphragm pilot solenoid valves

This style valve makes main valve and pilot valve together, when power on, the coil yields electricity-magnetic force pulls active armature approaching to static armature, the pilot valve open and control the main valve to open; when power off, the electricity-magnetic force disappear and with the gravity and spring force, the active armature close the pilot valve, which control the main valve to close. The N.O. style is just opposite. These valve are normally with bigger orifice size and ≤ 10Bar working pressure and with zero differential working pressure.

### Piston pilot solenoid valves

Similar with piston pilot solenoid valves, but supports for higher pressure and temperature, with ≥ 1Bar differential working pressure.

# Technical Data 4



Nº	Designation
1.	Valve body
2.	O- ring
3.	Seal pad
4.	Pilot
5.	Spring
6.	Armature
7.	Coil
8.	Steel washer
9.	Washer
10.	Spring washer
11.	Nut

Nº	Designation	Nº	Designation
1.	Valve body	8.	O- ring
2.	Diaphragm	9.	Plunger tube assembly
3.	Diaphragm spring	10.	O- ring
4.	Valve cover	11.	Coil
5.	Hexagon screw	12.	Connector
6.	Pilot units	14.	Gasket
7.	Plunger spring	15.	Lock nut

Nº	Designation	Nº	Designation
1.	Valve body	13.	Static armature
2.	Washer	14.	Nut
3.	Seal pad	15.	Gasket
4.	Valve core	16.	Bushing
5.	Seal	17.	Steel plate
6.	Gasket	18.	Coil
7.	Guide ring	19.	Steel plate
8.	Spring	20.	Nut
9.	Valve needle	21.	Steel cover
10.	Pin	22.	Min plate
11.	Armature	23.	Spring washer
12.	Seal ring	24.	Nut

# SLP Series Valve (Normal Close)

## Ordering Code

## SLP Series Valve (Normal Close)

<b>SLP</b>	<b>06</b>	<input type="checkbox"/>	<b>10L</b>	<input type="checkbox"/>	<input type="checkbox"/>	<b>AC 220 V</b>
Type Code	Joint Size	Seals	Orifice	Valve Body	Control Style	Standard Voltage
	06:1 / 8" 08:1/4" 10: 3/ 8" 15:1/2" 20: 3/ 4" 25: 1" 35: 1- 1/ 4" 40:1-1/2" 50:2" F:With Flange	Blank: NBR V: VITON E: EPDM	1L:1.0 1.5L:1.5 2.5L:2.5 3L:3.0 4L:4.0 5L:5.0 6L:1.0 10L:10.0 10.5L:10.5 13L:13.0 20L:20.0 25L:25.0 35L:35.0 40L:40.0 50L:50.0	Blank: Brass S:SS316	Blank:Normal Close H: Normal Open	AC110V AC220V DC12V DC24V
			} Cancel if same with port size			



\* 2/ 2 way normal close solenoid valve, close when de- energized open when energized

\* Joint size from 1/ 8" to 2", For stainless steel, flange connection is optional

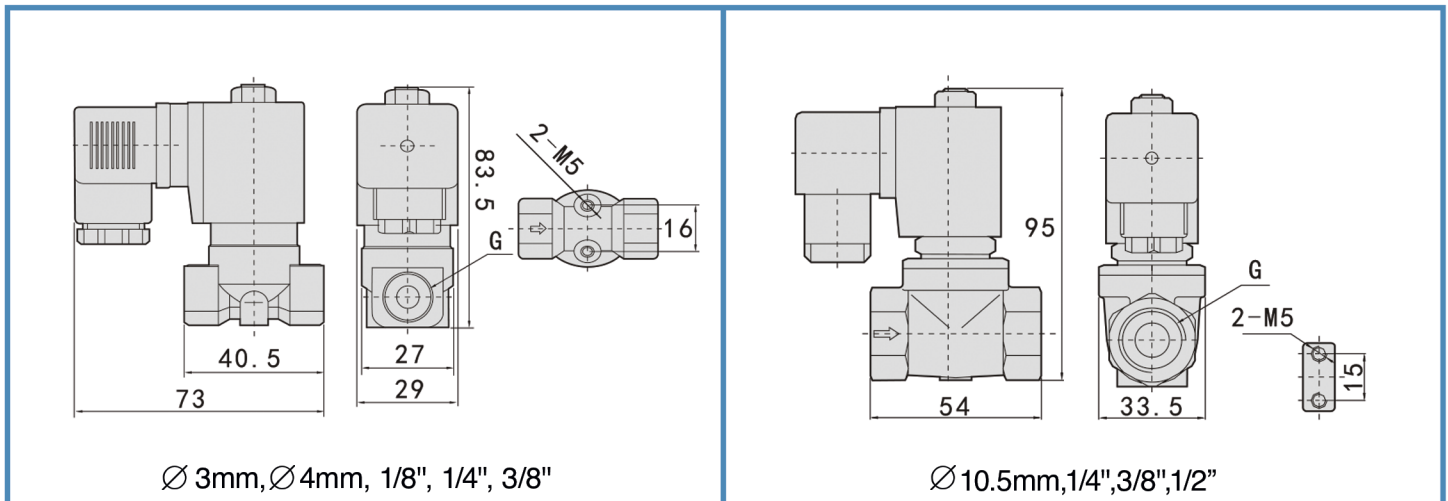
\* Voltage: AC24V/ AC110V/ AC220V/ AC240V 50/ 60HZ; DC12V/ DC24V according to the requirements to choose also can fix Germany Nass coil.

# SLP Series Valve (Normal Close)

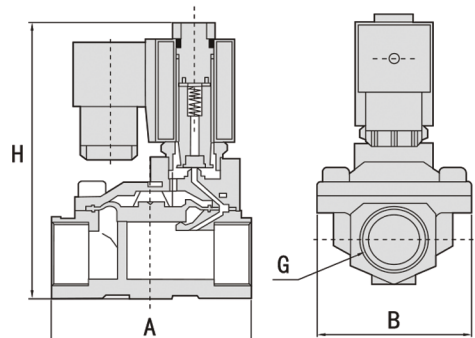
## Specifications

Working Medium	Air, Gas, Water, Oil
Type	Normal Close
Ambient Temperature	0~65°C
Working Temperature	0~130°C
Seal Material	NBR, EPDM, VITON
Body Material	Brass, SS316
Mounting	Direction of flow as the arrow, install in any position, but the best position is solenoid coil upright, horizontal direction installation for enhancing the service life.

## Main Specification



### Big Orifice



# SLP Series Valve (Normal Close)

Port Size (G)	Orifice (mm)	CV Value	Pressure Difference (Bar)							Max. Temp. (°C)	Power		Model		Main Dimension LXWXH AXBXH
			Min. Press - Ure	Max. Working Pressure							VA AC 220V	W DC 24V	Brass	Stainless Steel	
				Air, Gas		Water, Liquid		Oil ≤20CST							
				AC	DC	AC	DC	AC	DC						
1/8"	3	0.23	0	13	13	13	13	10	10	80	22	13	SLP06-3L	SLP06-3LS	
	3	0.23	0	13	13	13	13			130	22	13	SLP06E-3L	SLP06E-3LS	
	3	0.23	0	13	13	13	13	10	10	120	22	13	SLP06V-3L	SLP06V-3LS	
	5	0.65	0	4	2.5	4	2.5	2.5	2	80	22	13	SLP06-5L	SLP06-5LS	
	5	0.65	0	4	2.5	4	2.5			130	22	13	SLP06E-5L	SLP06E-5LS	
	5	0.65	0	4	2.5	4	2.5	2.5	2	120	22	13	SLP06V-5L	SLP06V-5LS	
	6	0.8	0	3	2	3	2	2.5	2	80	22	13	SLP06-6L	SLP06-6LS	
	6	0.8	0	3	2	3	2			130	22	13	SLP06E-6L	SLP06E-6LS	
	6	0.8	0	3	2	3	2	2.5	2	120	22	13	SLP06V-6L	SLP06V-6LS	
1/4"	3	0.23	0	13	13	13	13	10	10	80	22	13	SLP08-3L	SLP08-3LS	
	3	0.23	0	13	13	13	13			130	22	13	SLP08E-3L	SLP08E-3LS	
	3	0.23	0	13	13	13	13	10	10	120	22	13	SLP08V-3L	SLP08V-3LS	
	5	0.65	0	4	2.5	4	2.5	2.5	2	80	22	13	SLP08-5L	SLP08-5LS	
	5	0.65	0	4	2.5	4	2.5			130	22	13	SLP08E-5	SLP08E-5LS	
	5	0.65	0	4	2.5	4	2.5	2.5	2	120	22	13	SLP08V-5L	SLP08V-5LS	
	6	0.8	0	3	2	3	2	2.5	2	80	22	13	SLP08-6L	SLP08-6LS	
	6	0.8	0	3	2	3	2			130	22	13	SLP08E-6L	SLP08E-6LS	
	6	0.8	0	3	2	3	2	2.5	2	120	22	13	SLP08V-6L	SLP08V-6LS	
	10.5	1.47	0	16	10	16	10	13	10	80	22	13	SLP08-10.5L	SLP08-10.5LS	
	10.5	1.47	0	16	10	16	10			130	22	13	SLP08E-10.5L	SLP08E-10.5LS	
	10.5	1.47	0	16	10	16	10	13	10	120	22	13	SLP08V-10.5L	SLP08V-10.5LS	
	10.5	1.47	0.1	16	10	16	10	13	10	80	22	13	SLP08-10.5LA	SLP08-10.5LSA	
10.5	1.47	0.1	16	10	16	10			130	22	13	SLP08E-10.5LA	SLP08E-10.5LSA		
10.5	1.47	0.1	16	10	16	10	13	10	120	22	13	SLP08V-10.5LA	SLP08V-10.5LSA		
3/8"	3	0.3	0	13	13	13	13	10	10	80	22	13	SLP10-3L	SLP10-3LS	
	3	0.3	0	13	13	13	13	10	10	130	22	13	SLP10E-3L	SLP10E-3LS	
	3	0.3	0	13	13	13	13	10	10	120	22	13	SLP10V-3L	SLP10V-3LS	
	4	0.6	0	8	8	8	8	6	6	80	22	13	SLP10-4L	SLP10-4LS	
	4	0.6	0	8	8	8	8	6	6	130	22	13	SLP10E-4L	SLP10E-4LS	
	4	0.6	0	8	8	8	8	6	6	120	22	13	SLP10V-4L	SLP10V-4LS	
	5	0.65	0	4	2.5	4	2.5	2.5	2	80	22	13	SLP10-5L	SLP10-5LS	
	5	0.65	0	4	2.5	4	2.5			130	22	13	SLP10E-5L	SLP10E-5LS	
	5	0.65	0	4	2.5	4	2.5	2.5	2	120	22	13	SLP10V-5L	SLP10V-5LS	
	6	0.8	0	3	2	3	2	2.5	2	80	22	13	SLP10-6L	SLP10-6LS	
	6	0.8	0	3	2	3	2			130	22	13	SLP10E-6L	SLP10E-6LS	
	6	0.8	0	3	2	3	2	2.5	2	120	22	13	SLP10V-6L	SLP10V-6LS	
	10.5	1.68	0	16	10	16	10	13	10	80	22	13	SLP10-10.5L	SLP10-10.5LS	



# SLP Series Valve (Normal Close)

## Main Specification

Port Size (G)	Orifice (mm)	CV Value	Pressure Difference (Bar)						Max. Temp. (°C)	Power		Model		Main Dimension	
			Min. Pressure	Max. Working Pressure						VA	W	Brass	Stainless Steel		
				Air, Gas		Water, Liquid		Oil≤20CST						AC 220V	DC 24V
				AC	DC	AC	DC	AC		DC	LXWXH	AXBXH			
3/8"	10.5	1.68	0	16	10	16	10			80	22	13	SLP10E-10.5L	SLP10E-10.5LS	
	10.5	1.68	0	16	10	16	10	13	10	130	22	13	SLP10V-10.5L	SLP10V-10.5LS	
	10.5	1.68	0.1	16						120	22	13	SLP10-10.5LD	SLP10-10.5LSD	
	10.5	1.68	0.1	16	10	16	10			80	22	13	SLP10E-10.5LD	SLP10E-10.5LSD	
	10.5	1.68	0.1	16						130	22	13	SLP10V-10.5LD	SLP10V-10.5LSD	
	13	4.5	0.5	16		16		13		120	22	13	SLP10-13L	SLP10-13LS	66X48X112
	13	4.5	0.5	16		16				80	22	13	SLP10E-13L	SLP10E-13LS	66X48X112
	13	4.5	0.5	16		16		13		130	22	13	SLP10V-13L	SLP10V-13LS	66X48X112
1/2"	5	0.65	0	4	2.5	4	2.5	2.5	2	120	22	13	SLP15-5L	SLP15-5LS	
	5	0.65	0	4	2.5	4	2.5			80	22	13	SLP15E-5L	SLP15E-5LS	
	5	0.65	0	4	2.5	4	2.5	2.5	2	130	22	13	SLP15V-5L	SLP15V-5LS	
	6	0.8	0	3	2	3	2	2.5	2	120	22	13	SLP15-6L	SLP15-6LS	
	6	0.8	0	3	2	3	2			80	22	13	SLP15E-6L	SLP15E-6LS	
	6	0.8	0	3	2	3	2	2.5	2	130	22	13	SLP15V-6L	SLP15V-6LS	
	10.5	1.68	0	16	10	16	10	13	10	120	22	13	SLP15-10.5L	SLP15-10.5LS	
	10.5	1.68	0	16	10	16	10			80	22	13	SLP15E-10.5L	SLP15E-10.5LS	
	10.5	1.68	0	16	10	16	10	13	10	130	22	13	SLP15V-10.5L	SLP15V-10.5LS	
	10.5	1.68	0.1	16	10	16	10	13	10	120	22	13	SLP15-10.5LA	SLP15-10.5LSA	
	10.5	1.68	0.1	16	10	16	10			80	22	13	SLP15E-10.5LA	SLP15E-10.5LSA	
	10.5	1.68	0.1	16	10	16	10	13	10	130	22	13	SLP15V-10.5LA	SLP15V-10.5LSA	
	13	4.5	0.5	16		16		13		120	22	13	SLP15-13L	SLP15-13LS	66X48X112
	13	4.5	0.5	16		16				80	22	13	SLP15E-13L	SLP15E-13LS	66X48X112
13	4.5	0.5	16		16		13		130	22	13	SLP15V-13L	SLP15V-13LS	66X48X112	
3/4"	20	7.6	0.5	16		16		13		120	22	13	SLP-20	SLP-20S	75X58X118
	20	7.6	0.5	16		16				80	22	13	SLP-20E	SLP-20ES	75X58X118
	20	7.6	0.5	16		16		13		130	22	13	SLP-20V	SLP-20VS	75X58X118
1"	25	12	0.5	16		16		13		120	22	13	SLP-25	SLP-25S	96X70X131
	25	12	0.5	16		16				80	22	13	SLP-25E	SLP-25ES	96X70X131
	25	12	0.5	16		16		13		130	22	13	SLP-25V	SLP-25VS	96X70X131
1-1/4"	35	22	0.5	16		16		13		120	22	13	SLP-35	SLP-35S	131X96X146
	35	22	0.5	16		16				80	22	13	SLP-35E	SLP-35ES	131X96X146
	35	22	0.5	16		16		13		130	22	13	SLP-35V	SLP-35VS	131X96X146
1-1/4"	40	30	0.5	16		16		13		120	22	13	SLP-40	SLP-40S	131X96X146
	40	30	0.5	16		16				80	22	13	SLP-40E	SLP-40ES	131X96X146
	40	30	0.5	16		16		13		130	22	13	SLP-40V	SLP-40VS	131X96X146

## SLP Series Valve (Normal Close)

Port Size (G)	Orifice (mm)	CV Value	Pressure Difference (Bar)						Max. Temp. (°C)	Power		Model		Main Dimension LXWXH AXBXH
			Min. Press - ure	Max. Working Pressure						VA AC 220V	W DC 24V	Brass	Stainless Steel	
				Air, Gas		Water, Liquid		Oil ≤20CST						
				AC	DC	AC	DC	AC		DC				
2"	50	48	0.5	16	16	13	120	22	13	SLP-50	SLP-50S	165X120X167		
	50	48	0.5	16	16		80	22	13	SLP-50E	SLP-50ES	165X120X167		
	50	48	0.5	16	16	13	120	22	13	SLP-50V	SLP-50VS	165X120X167		
Flange	25	12	0.5	16	16	13	80	22	13	-	SLPF-25S	134X110X160		
	25	12	0.5	16	16		130	22	13	-	SLPF-25ES	134X110X160		
	25	12	0.5	16	16	13	120	22	13	-	SLPF-25VS	134X110X160		
Flange	35	22	0.5	16	16	13	80	22	13	-	SLPF-25S	134X110X160		
	35	22	0.5	16	16		130	22	13	-	SLPF-25ES	134X110X160		
	35	22	0.5	16	16	13	120	22	13	-	SLPF-25VS	134X110X160		
Flange	40	30	0.5	16	16	13	80	22	13	-	SLPF-40S	160X145X180		
	40	30	0.5	16	16		130	22	13	-	SLPF-40ES	160X145X180		
	40	30	0.5	16	16	13	120	22	13	-	SLPF-40VS	160X145X180		
Flange	50	48	0.5	16	16	13	80	22	13	-	SLPF-50S	200X160X207		
	50	48	0.5	16	16		130	22	13	-	SLPF-50ES	200X160X207		
	50	48	0.5	16	16	13	120	22	13	-	SLPF-50VS	200X160X207		

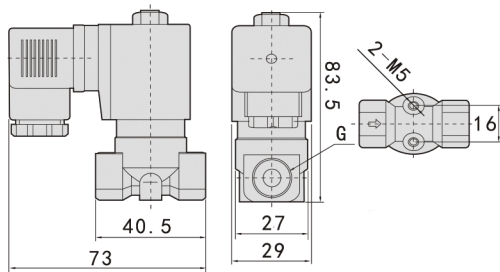
## SLP Series Valve (Normal Open)



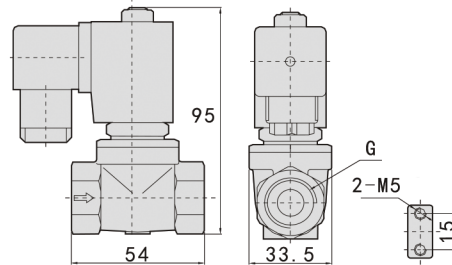
### Specifications

- \* 2/2 way normal open solenoid valve, open when de-energized, close when energized;
- \* There are NBR/ VITON/ EPDM etc to provide on-off control of various fluids ;
- \* Body material: brass and ss316 are optional;  
Joint size from 1/ 8" to 2", For stainless steel, flange connection is optional;  
Voltage: AC24V/ AC110V/ AC220V/ AC240V 50/ 60HZ;  
DC12V/ DC24V according to the requirements to choose, also can fix Germany Nass coil.
- \* Direction of flow as the arrow, install in any position, but the best position is solenoid coil upright, horizontal direction installation for enhancing the service life.

# SLP Series Valve (Normal Open)

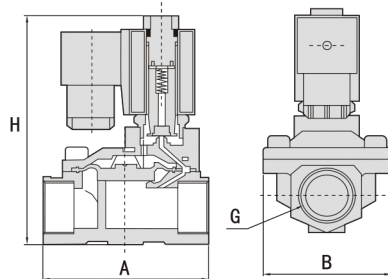


Ø1-Ø2.5mm 1/8" 1/4"



Ø3mm 1/8" 1/4"

### Big Orifice



Port Size (G)	Orifice (mm)	CV Value	Pressure Difference (Bar)			Max. Temp. (°C)	Power		Model		Main Dimension	
			Min. Press - ure	Max. Working Pressure			VA AC 220V	W DC 24V	Brass	Stainless Steel		
				Air, Gas	Water, Liquid						Oil≤20CST	LXWXH AXBXH
1/8"	1	0.04	0	30	30	25	80	22	13	SLP06-1LH	SLP06-1LSH	
	1	0.04	0	30	30		130	22	13	SLP06E-1LH	SLP06E-1LSH	
	1	0.04	0	30	30	25	120	22	13	SLP06V-1LH	SLP06V-1LSH	
	1.5	0.09	0	20	20	15	80	22	13	SLP06-1.5LH	SLP06-1.5LSH	
	1.5	0.09	0	20	20		130	22	13	SLP06E-1.5LH	SLP06E-1.5LSH	
	1.5	0.09	0	20	20	15	120	22	13	SLP06V-1.5LH	SLP06V-1.5LSH	
	2.5	0.2	0	15	15	12	80	22	13	SLP06-2.5LH	SLP06-2.5LSH	
	2.5	0.2	0	15	15		130	22	13	SLP06E-2.5LH	SLP06E-2.5LSH	
	2.5	0.2	0	15	15	12	120	22	13	SLP06V-2.5LH	SLP06V-2.5LSH	
	3	0.25	0	12	12	10	80	22	13	SLP06-3LH	SLP06V-2.5LSH	
	3	0.25	0	12	12		130	22	13	SLP06E-3LH	SLP06E-3LSH	
	3	0.25	0	12	12	10	120	22	13	SLP06V-3LH	SLP06V-3LSH	
	3	0.3	0	6	6	5	80	22	13	SLP06-3LH	SLP06-3LSH	
	3	0.3	0	6	6		130	22	13	SLP06E-3LH	SLP06E-3LSH	
	3	0.3	0	6	6	5	120	22	13	SLP06V-3LH	SLP06V-3LSH	
	4	0.4	0	5	5	4	80	22	13	SLP06-4LH	SLP06-4LSH	
4	0.4	0	5	5		130	22	13	SLP06E-4LH	SLP06E-4LSH		
4	0.4	0	5	5	4	120	22	13	SLP06V-4LH	SLP06V-4LSH		

# SLP Series Valve (Normal Open)

Port Size (G)	Orifice (mm)	CV Value	Pressure Difference (Bar)			Max. Temp. (°C)	Power		Model		Main Dimension LXWXH AXBXH	
			Min. Pressure	Max. Working Pressure			VA AC 220V	W DC 24V	Brass	Stainless Steel		
				Air, Gas	Water, Liquid							Oil ≤20CST
1/4"	1	0.04	0	30	30	25	80	22	13	SLP08-1LH	SLP08-1LSH	
	1	0.04	0	30	30		130	22	13	SLP08E-1LH	SLP08E-1LSH	
	1	0.04	0	30	30	25	120	22	13	SLP08V-1LH	SLP08V-1LSH	
	1.5	0.09	0	20	20	15	80	22	13	SLP08-1.5LH	SLP08-1.5LSH	
	1.5	0.09	0	20	20		130	22	13	SLP08E-1.5LH	SLP08E-1.5LSH	
	1.5	0.09	0	20	20	15	120	22	13	SLP08V-1.5LH	SLP08V-1.5LSH	
	2.5	0.2	0	15	15	12	80	22	13	SLP08-2.5LH	SLP08-2.5LSH	
	2.5	0.2	0	15	15		130	22	13	SLP08E-2.5LH	SLP08E-2.5LSH	
	2.5	0.2	0	15	15	12	120	22	13	SLP08V-2.5LH	SLP08V-2.5LSH	
	3	0.25	0	12	12	10	80	22	13	SLP08-3LH	SLP08-3LSH	
	3	0.25	0	12	12		130	22	13	SLP08E-3LH	SLP08E-3LSH	
	3	0.25	0	12	12	10	120	22	13	SLP08V-3LH	SLP08V-3LSH	
	3	0.3	0	6	6	5	80	22	13	SLP08-3LHA	SLP08-3LSHA	
	3	0,3	0	6	6		130	22	13	SLP08E-3LHA	SLP08E-3LSHA	
	3	0,3	0	6	6	5	120	22	13	SLP08V-3LHA	SLP08V-3LSHA	
	4	0,4	0	5	5	4	80	22	13	SLP08-4LH	SLP08-4LSH	
4	0,4	0	5	5		130	22	13	SLP08E-4LH	SLP08E-4LSH		
4	0,4	0	5	5	4	80	22	13	SLP08V-4LH	SLP08V-4LSH		
3/8"	13	4.5	0.5	8	8	7	80	33	20	SLP10-13LH	SLP10-13LSH	66X48X124
	13	4.5	0.5	8	8		130	33	20	SLP10E-13LH	SLP10E-13LSH	66X48X124
	13	4.5	0.5	8	8	7	120	33	20	SLP10V-13LH		66X48X124
1/2"	13	4.5	0.5	8	8	7	80	33	20	SLP15-13LH	SLP15-13LSH	66X48X124
	13	4.5	0.5	8	8		130	33	20	SLP15E-13LH	SLP15E-13LSH	66X48X124
	13	4.5	0.5	8	8	7	120	33	20	SLP-20VH	SLP-20VSH	66X48X124
3/4"	20	7.6	0.5	8	8	7	80	33	20	SLP-20H	SLP-20SH	75X58X130
	20	7.6	0.5	8	8		130	33	20	SLP-20EH	SLP-20ESH	75X58X130
	20	7.6	0.5	8	8	7	120	33	20	SLP-20VH	SLP-20VSH	75X58X130
1"	25	12	0.5	8	8	7	80	33	20	SLP-25H	SLP-25SH	96X70X143
	25	12	0.5	8	8		130	33	20	SLP-25EH	SLP-25ESH	96X70X143
	25	12	0.5	8	8	7	120	33	20	SLP-25VH	SLP-25VSH	96X70X143
1-1/4"	35	22	0.5	8	8	7	80	33	20	SLP-35LH	SLP-35SH	131X96X158
	35	22	0.5	8	8		130	33	20	SLP-35ELH	SLP-35ESH	131X96X158
	35	22	0.5	8	8	7	120	33	20	SLP-35VH	SLP-35VSH	131X96X158
1-1/2"	40	30	0.5	8	8	7	80	33	20	SLP-40H	SLP-40SH	131X96X158
	40	30	0.5	8	8		130	33	20	SLP-40EH	SLP-40ESH	131X96X158
	40	30	0.5	8	8	7	80	33	20	SLP-40VH	SLP-40VSH	131X96X158

# SLP Series Valve (Normal Open)

Port Size (G)	Orifice (mm)	CV Value	Pressure Difference (Bar)			Max. Temp. (°C)	Power		Model		Main Dimension LXWXH AXBXH	
			Min. Pressure	Max. Working Pressure			VA AC 220V	W DC 24V	Brass	Stainless Steel		
				Air, Gas	Water, Liquid							Oil≤20CST
2"	50	48	0.5	8	8	7	80	33	20	SLP-50H	SLP-50SH	165X120X179
	50	48	0.5	8	8	-	130	33	20	SLP-50EH	SLP-50ESH	165X120X179
	50	48	0.5	8	8	7	120	33	20	SLP-50VH	SLP-50VSH	165X120X179
Flange	25	12	0.5	8	8	7	80	33	20	-	SLPF-25SH	134X110X172
	25	12	0.5	8	8	-	130	33	20	-	SLPF-25ESH	134X110X172
	25	12	0.5	8	8	7	120	33	20	-	SLPF-25VSH	134X110X172
Flange	35	22	0.5	8	8	7	80	33	20	-	SLPF-35SH	160X135X187
	35	22	0.5	8	8	-	130	33	20	-	SLPF-35ESH	160X135X187
	35	22	0.5	8	8	7	120	33	20	-	SLPF-35VSH	160X135X187
Flange	40	30	0.5	8	8	7	80	33	20	-	SLPF-40SH	160X145X192
	40	30	0.5	8	8	-	130	33	20	-	SLPF-40ESH	160X145X192
	40	30	0.5	8	8	7	120	33	20	-	SLPF-40VSH	160X145X192
Flange	50	48	0.5	8	8	7	80	33	20	-	SLPF-50SH	200X160X219
	50	48	0.5	8	8	-	130	33	20	-	SLPF-50ESH	200X160X219
	50	48	0.5	8	8	7	120	33	20	-	SLPF-50VSH	200X160X219