Ningbo VPC Pneumatic Co. , Ltd 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℃ for optional
3) Working temperature: normal temperature
4) Working pressure: 0~5. 0Mpa 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



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Technical Data 5

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	●	●	●	●	●	×	●	●
Diesel oil	●	×	●	●	●	×	●	
Milk	●	●	●	●	●	●	●	●
Wine	●	●	●	●	●	●	●	
Alcohol	●	●	●		●	×		●
Acetylene	●	●	●		●	×	●	
Alcohol,Ethy(Ethyanol)	●	●	●		●	×	●	●
Acetone	●	●	●		●	×	×	
Ammonia					×			●
Toluene	●	●	●			×	●	
Xylene	●	●	●			×	●	●
Propane	●	●	●			×	●	
Methane	●	●	●		●	×	●	●
Sulfur Dioxide	●	●	●				●	
Sodium Hydroxide＜20%		●	●		●	×		●
Nitrate＜10%			●				●	
Sulfuric acid＜20%							●	●
Hydrochloric acid＜10%								
Acetic acid	●	●	●		●	×	●	●

Technical Data 6

Flow calculation method

1、Gas(Volume)

$Q=1.983CvP1\ \frac{1}{\sqrt{G}}\ (P2\leqslant \frac{P_1}{1.89})$

Note:Standard atmospheric conditions:760mmHg,15.6℃

2、Liquid(Volume)

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

Note:Don`t conside for viscosity influence less than 20mm²/S

Explain: Q:L/Min

P_1:Inlet pressure kgf/cm²

P_2:Outlet pressure kgf/cm²

△P:P_1-P_2

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

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

Commonly Used Pressure Units Conversion

1kgf/cm² =1bar=0.1Mpa=100KPa=14.5PSI

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℃ to 80℃.

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℃ to 139℃

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℃ to 169℃

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

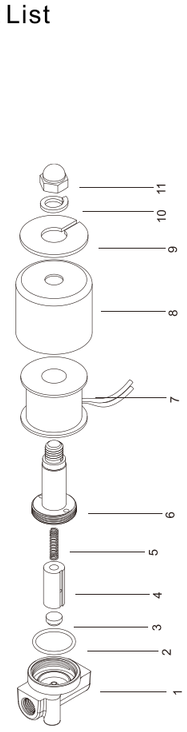
This style valve makes main valve and pilot valve together,when power on,the coil yields electricity-magnetic force pulls active armature approaching to static armature,the pilot valve open and control the main valve to open;when power off,the electricity-magnetic force disappear and with the gravity and spring force,the active armature close the pilot valve,which contuol 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.

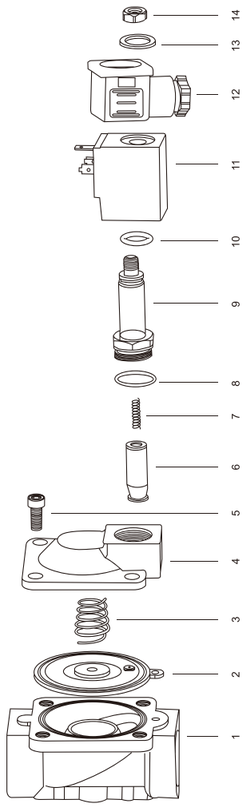
Piston pilot solenoid valves

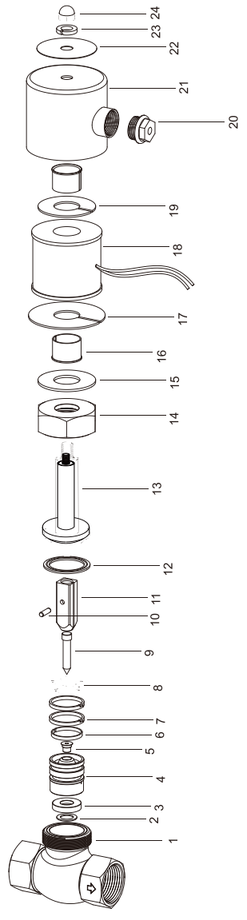
Similar with piston pilot solenoid valves,but supports for higher pressure and temperature,
with ≥1Bar differential working pressure.

Technical Data 7

Part List







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
1	Valve body
2	Diaphragm
3	Diaphragm spring
4	Valve cover
5	Hexagon screw
6	Pilot units
7	Plunger spring

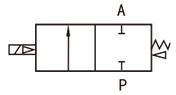
No	Designation
8	O-ring
9	Plunger tube assembly
10	O-ring
11	Coil
12	Connector
13	Gasket
14	Lock nut

No	Designation
1	Valve body
2	Washer
3	Seal pad
4	Valve core
5	Seal
6	Gasket
7	Guide ring
8	Sping
9	Valve needle
10	Pin
11	Armature
12	Seal ring

No	Designation
13	Static armature
14	Nut
15	Gasket
16	Bushing
17	Steel plate
18	Coil
19	Steel plate
20	Nut
21	Steel cover
22	Min plate
23	Spring washer
24	Nut

SLP Series Valve(Normal Close)



* 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.

Ordering Code SLP Series Valve□ Normal Close□

SLP | 06 | □ - 10L | □ | □ | AC220V

- Type Code: SLP
- Joint Size: 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
- Seals: Blank:NBR V:VITON E:EPDM
- Orifice: 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 (Cancel if same with port size)
- Valve Body: Blank: Brass S:SS316
- Control Style: Blank:Normal Close H: Normal Open
- Standard Voltage: AC110V AC220V DC12V DC24V

Specifications

Working Medium	Air,Gas,Water,Oil
Type	Normal Close
Ambient Temperature	0~65℃
Working Temperature	0~130℃
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.

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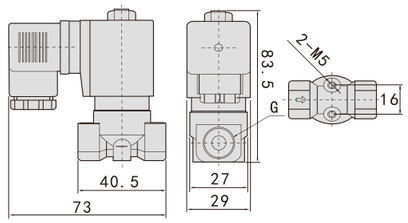
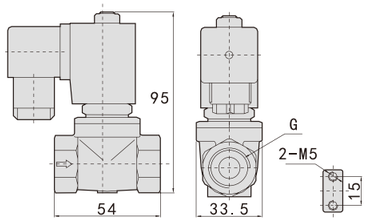
SLP Series Valve(Normal Close)

Main Specification

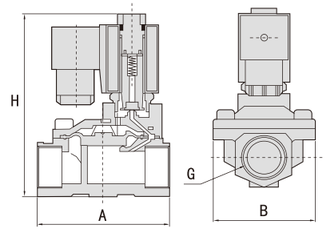
Φ3mm,Φ4mm,1/8",1/4",3/8"



Φ10.5mm,1/4",3/8",1/2"



Big Orifice



Port Size (G)	Orifice (mm)	CV Value	Pressure Difference(Bar) Min. Press-ure	Max.Working Pressure Air、Gas AC	Air、Gas DC	Water、Liquid AC	Water、Liquid DC	Oil≤20CST AC	Oil≤20CST DC	Max. Temp. (℃)	Power VA AC 220V	Power W DC 24V	Model Brass	Model Stainless Steel	Main Dimension LXWXH AXBXH
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-5L	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. (℃)	Power		Model		Main Dimension
			Min. Press-ure	Max.Working Pressure							VA	W			
				Air、Gas		Water、Liquid		Oil≤ 20CST			AC 220V	DC 24V	Brass	Stainless Steel	LXWXH AXBXH
				AC	DC	AC	DC	AC	DC						
3/8″	10.5	1.68	0	16	10	16	10			130	22	13	SLP10E-10.5L	SLP10E-10.5LS	
	10.5	1.68	0	16	10	16	10	13	10	120	22	13	SLP10V-10.5L	SLP10V-10.5LS	
	10.5	1.68	0.1	16	10	16	10	13	10	80	22	13	SLP10-10.5LD	SLP10-10.5LSD	
	10.5	1.68	0.1	16	10	16	10			130	22	13	SLP10E-10.5LD	SLP10E-10.5LSD	
	10.5	1.68	0.1	16	10	16	10	13	10	120	22	13	SLP10V-10.5LD	SLP10V-10.5LSD	
	13	4.5	0.5	16		16		13		80	22	13	SLP10-13L	SLP10-13LS	66X48X112
	13	4.5	0.5	16		16				130	22	13	SLP10E-13L	SLP10E-13LS	66X48X112
	13	4.5	0.5	16		16		13		120	22	13	SLP10V-13L	SLP10V-13LS	66X48X112
1/2″	5	0.65	0	4	2.5	4	2.5	2.5	2	80	22	13	SLP15-5L	SLP15-5LS	
	5	0.65	0	4	2.5	4	2.5			130	22	13	SLP15E-5L	SLP15E-5LS	
	5	0.65	0	4	2.5	4	2.5	2.5	2	120	22	13	SLP15V-5L	SLP15V-5LS	
	6	0.8	0	3	2	3	2	2.5	2	80	22	13	SLP15-6L	SLP15-6LS	
	6	0.8	0	3	2	3	2			130	22	13	SLP15E-6L	SLP15E-6LS	
	6	0.8	0	3	2	3	2	2.5	2	120	22	13	SLP15V-6L	SLP15V-6LS	
	10.5	1.68	0	16	10	16	10	13	10	80	22	13	SLP15-10.5L	SLP15-10.5LS	
	10.5	1.68	0	16	10	16	10			130	22	13	SLP15E-10.5L	SLP15E-10.5LS	
	10.5	1.68	0	16	10	16	10	13	10	120	22	13	SLP15V-10.5L	SLP15V-10.5LS	
	10.5	1.68	0.1	16	10	16	10	13	10	80	22	13	SLP15-10.5LA	SLP15-10.5LSA	
	10.5	1.68	0.1	16	10	16	10	13	10	120	22	13	SLP15V-10.5LA	SLP15V-10.5LSA	
	10.5	1.68	0.1	16	10	16	10			130	22	13	SLP15E-10.5LA	SLP15E-10.5LSA	
	13	4.5	0.5	16		16		13		80	22	13	SLP15-13L	SLP15-13LS	66X48X112
	13	4.5	0.5	16		16				130	22	13	SLP15E-13L	SLP15E-13LS	66X48X112
	13	4.5	0.5	16		16		13		120	22	13	SLP15V-13L	SLP15V-13LS	66X48X112
3/4″	20	7.6	0.5	16		16		13		80	22	13	SLP-20	SLP-20S	75X58X118
	20	7.6	0.5	16		16				130	22	13	SLP-20E	SLP-20ES	75X58X118
	20	7.6	0.5	16		16		13		120	22	13	SLP-20V	SLP-20VS	75X58X118
1″	25	12	0.5	16		16		13		80	22	13	SLP-25	SLP-25S	96X70X131
	25	12	0.5	16		16				130	22	13	SLP-25E	SLP-25ES	96X70X131
	25	12	0.5	16		16		13		120	22	13	SLP-25V	SLP-25VS	96X70X131
1-1/4"	35	22	0.5	16		16		13		80	22	13	SLP-35	SLP-35S	131X96X146
	35	22	0.5	16		16				130	22	13	SLP-35E	SLP-35ES	131X96X146
	35	22	0.5	16		16		13		120	22	13	SLP-35V	SLP-35VS	131X96X146
1-1/2"	40	30	0.5	16		16		13		80	22	13	SLP-40	SLP-40S	131X96X146
	40	30	0.5	16		16				130	22	13	SLP-40E	SLP-40ES	131X96X146
	40	30	0.5	16		16		13		120	22	13	SLP-40V	SLP-40VS	131X96X146
2″	50	48	0.5	16		16		13		80	22	13	SLP-50	SLP-50S	165X120X167
	50	48	0.5	16		16				130	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-35S	160X135X175
	35	22	0.5	16		16				130	22	13	--	SLPF-35ES	160X135X175
	35	22	0.5	16		16		13		120	22	13	--	SLPF-35VS	160X135X175
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

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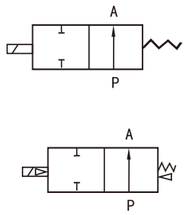
VPC PNEUMATIC®

SLP Series Valve(Normal Open)





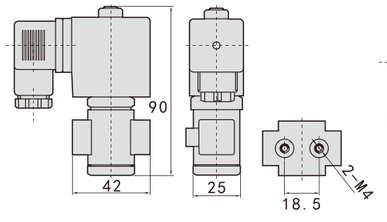


Specifications

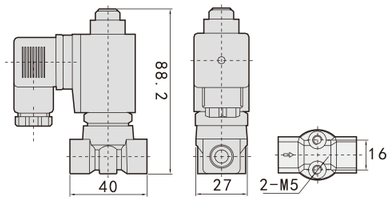
* 2/2 way normal open solenoid valve,open when de-energized,close when energized;
* There are NBR/VITON/EPDM etc to provide on-off control of various fluids;
* Body material:brass and ss316 are opitional;
* Joint size from 1/8" to 2",For stainless steel,flange connection is optional;
* Voltage:AC24V/AC110V/AC220V/AC240V 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.

Main Specification

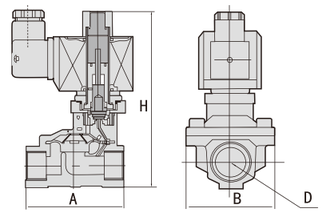
Φ1-Φ2.5mm 1/8" 1/4"



Φ3mm 1/8" 1/4"



Big Orifice



Port Size (G)	Orifice (mm)	CV Value	Pressure Difference(Bar)				Max. Temp. (℃)	Power		Model		Main Dimension
			Min. Press-ure	Max.Working Pressure				VA	W			
				Air、Gas	Water、Liquid	Oil≤ 20CST		AC 220V	DC 24V	Brass	Stainless Steel	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	SLP06-3LSH	
	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 Close)

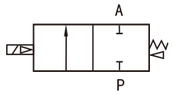
Main Specification

Port Size (G)	Orifice (mm)	CV Value	Pressure Difference(Bar)				Max. Temp. (℃)	Power		Model		Main Dimension
			Min. Press -ure	Max.Working Pressure				VA	W			
				Air、Gas	Water、Liquid	Oil≤ 20CST		AC 220V	DC 24V	Brass	Stainless Steel	LXWXH AXBXH
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	120	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		120	33	20	SLP10E-13LH	SLP10E-13LSH	66X48X124
	13	4.5	0.5	8	8	7	120	33	20	SLP10V-13LH	SLP10V-13LSH	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		120	33	20	SLP15E-13LH	SLP15E-13LSH	66X48X124
	13	4.5	0.5	8	8	7	120	33	20	SLP15V-13LH	SLP15V-13LSH	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		120	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		120	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		120	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		120	33	20	SLP-40EH	SLP-40ESH	131X96X158
	40	30	0.5	8	8	7	120	33	20	SLP-40VH	SLP-40VSH	131X96X158
2″	50	48	0.5	8	8	7	80	33	20	SLP-50H	SLP-50SH	165X120X179
	50	48	0.5	8	8	–	120	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		120	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		120	33	20	--	SLPF-35ESH	160X135X187
	35	22	0.5	8	8	7		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		120	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		120	33	20	--	SLPF-50ESH	200X160X219
	50	48	0.5	8	8	7	120	33	20	--	SLPF-50VSH	200X160X219

ZS Series Solenoid Valve (Normal Close)







Ordering Code ZS Series 2/2 Solenoid Valve (Normal Close)

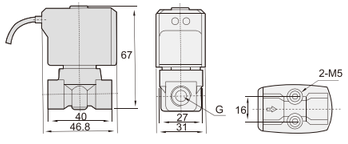
ZS | 06 | □ - 10L | □ | □ | AC220V

- ZS — Type Code
- 06 — Joint Size: 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
- □ — Seals: Blank:NBR V:VITON E:EPDM G:Silicon rubber
- 10L — Orifice: 2.5L:2.5 3L:3.0 4L:4.0 5L:5.0 6L:1.0 7.5L:7.5 10L:10.0 16L:16.0 20L:20.0 25L:25.0 35L:35.0 40L:40.0 50L:50.0 (Cancel if same with port size)
- □ — Valve Body: Blank:Brass S1:SS316 S2:SS304
- □ — Control Style: Blank:Normal Close H:Normal Open
- AC220V — Standard Voltage: AC110V AC220V DC12V DC24V

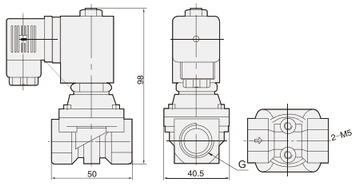
* Normal close/Normal open,available body:Brass,SS304 SS316;
* Multiple seals are available for different medium;
* Wide size range from1/8" to 2",with both thread and flange connection;
* Diaphragm pilot solenoid valve,with lower working pressure(10mm is special).

Specifications

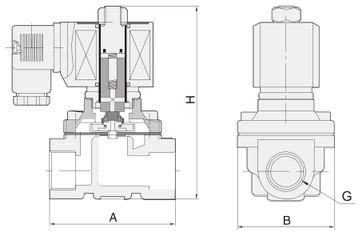
Φ2.5mm 1/8" 1/4"



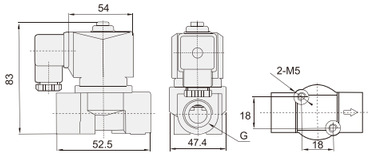
Φ10mm 1/4" 3/8" 1/2"



Big orifice



Φ4mm 3/8"



ZS Series 2/2 Solenoid Valve (Normal Close)

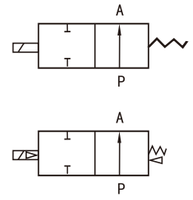
Port Size (G)	Orifice (mm)	CV Value	Pressure Difference(Bar)							Max. Temp. (℃)	Power		Model		Main Dimension
			Min. Press-ure	Max.Working Pressure							VA	W			
				Air、Gas		Water、Liquid		Oil≤ 20CST			AC 220V	DC 24V	Brass	SS304	LXWXH AXBXH
				AC	DC	AC	DC	AC	DC						
1/8″	2.5	0.23	0	7	5	7	5	7	5	80	13	8.5	ZS06-2.5L	ZS06-2.5LS2	50X40.5X98
	2.5	0.23	0	7	5	7	5	–	–	120	13	8.5	ZS06E-2.5L	ZS06E-2.5LS2	50X40.5X98
	2.5	0.23	0	7	5	7	5	7	5	120	13	8.5	ZS06V-2.5L	ZS06V-2.5LS2	50X40.5X98
1/4″	2.5	0.23	0	7	5	7	5	7	7	80	13	8.5	ZS08-2.5L	ZS08-2.5LS2	50X40.5X98
	2.5	0.23	0	7	5	7	5	–	–	120	13	8.5	ZS08E-2.5L	ZS08E-2.5LS2	50X40.5X98
	2.5	0.23	0	7	5	7	5	5	5	120	13	8.5	ZS08V-2.5L	ZS08V-2.5LS2	50X40.5X98
	10	1.0	0	20	16	20	16	20	16	80	22	13	ZS08-10L		50X40.5X98
	10	1.0	0	20	16	20	16	–	–	120	22	13	ZS08E-10L		50X40.5X98
	10	1.0	0	20	16	20	16	20	16	120	22	13	ZS08V-10L		50X40.5X98
3/8″	4	0.6	0	8	5	8	5	5	5	80	33	20	ZS10-4L	ZS10-4LS2	50X40.5X98
	4	0.6	0	8	5	8	5	–	–	120	33	20	ZS10E-4L	ZS10E-4LS2	50X40.5X98
	4	0.6	0	8	5	8	5	5	5	120	33	20	ZS10V-4L	ZS10V-4LS2	50X40.5X98
	10	1.8	0	20	16	20	20	20	16	80	22	13	ZS10-10L		69X57X106
	10	1.8	0	20	16	20	20	–	–	120	22	13	ZS10E-10L		69X57X106
	10	1.8	0	20	16	20	20	20	16	120	22	13	ZS10V-10L		69X57X106
	16	4.8	0	10	6	10	10	7	4	80	33	20	ZS10-16L	ZS10-16LS2	69X57X106
	16	4.8	0	10	6	10	10	–	–	120	33	20	ZS10E-16L	ZS10E-16LS2	69X57X106
	16	4.8	0	10	6	10	10	7	4	120	33	20	ZS10V-16L	ZS10V-16LS2	69X57X106
1/2″	10	1.9	0	20	16	20	16	20	16	80	22	13	ZS15-10L		69X57X106
	10	1.9	0	20	16	20	16	–	–	120	22	13	ZS15E-10L		69X57X106
	10	1.9	0	20	16	20	16	20	16	120	22	13	ZS15V-10L		69X57X106
	16	4.8	0	10	6	10	6	7	4	80	33	20	ZS15-16L	ZS15-16LS2	69X57X106
	16	4.8	0	10	6	10	6	–	–	120	33	20	ZS15E-16L	ZS15E-16L	69X57X106
	16	4.8	0	10	6	10	6	7	4	120	33	20	ZS15V-16L	ZS15V-16LS2	69X57X106
3/4″	20	7.6	0	10	6	10	6	7	4	80	33	20	ZS-20	ZS-20S2	73X57X114
	20	7.6	0	10	6	10	6	–	–	120	33	20	ZS-20E	ZS-20ES2	73X57X114
	20	7.6	0	10	6	10	6	7	4	120	33	20	ZS-20V	ZS-20VS2	73X57X114
1″	25	12	0	10	6	10	6	7	4	80	33	20	ZS-25	ZS-25S2	99X77X121
	25	12	0	10	6	10	6	–	–	120	33	20	ZS-25E	ZS-25ES2	99X77X121
	25	12	0	10	6	10	6	7	4	120	33	20	ZS-25V	ZS-25VS2	99X77X121
	25	12	0	10	6	10	3	–	–	120	33	20	ZS-25G	ZS-25GS2	99X77X121
1-1/4″	32	24	0	10	6	10	6	7	4	80	70	40	ZS-32	ZS-32S2	112X86.5X150
	32	24	0	10	6	10	–	–	–	120	70	40	ZS-32E	ZS-32ES2	112X86.5X150
	32	24	0	10	6	10	6	7	4	120	70	40	ZS-32V	ZS-32VS2	112X86.5X150
1-1/2″	40	29	0	10	6	10	6	7	4	80	70	40	ZS-40	ZS-40S2	123X94X160
	40	29	0	10	6	10	–	–	–	120	70	40	ZS-40E	ZS-40ES2	123X94X160
	40	29	0	10	6	10	6	7	4	120	70	40	ZS-40V	ZS-40VS2	123X94X160
2″	50	48	0	10	6	10	6	7	4	80	70	40	ZS-50	ZS-50S2	168X123X183
	50	48	0	10	6	10	–	–	–	120	70	40	ZS-50E	ZS-50E	168X123X183
	50	48	0	10	6	10	6	7	4	120	70	40	ZS-50V	ZS-50VS2	168X123X183
Flange	25	12	0	10	6	10	6	7	4	80	70	40	–	ZSF-25LS2	140X115X160
	25	12	0	10	6	10	–	–	–	120	70	40	–	ZSFE-25LS2	140X115X160
	25	12	0	10	6	10	6	7	4	120	70	40	–	ZSFV-25LS2	140X115X160
	32	24	0	10	6	10	6	7	4	80	70	40	–	ZSF-32LS2	152X135X215
	32	24	0	10	6	10	–	–	–	120	70	40	–	ZSFE-32LS2	152X135X215
	32	24	0	10	6	10	6	7	4	120	70	40	–	ZSFV-32LS2	152X135X215
	40	29	0	10	6	10	6	7	4	80	70	40	–	ZSF-40LS2	152X145X215
	40	29	0	10	6	10	–	–	–	120	70	40	–	ZSFE-405LS2	152X145X215
	40	29	0	10	6	10	6	7	4	120	70	40	–	ZSFV-40LS2	152X145X215
	50	48	0	10	6	10	6	7	4	80	70	40	–	ZSF-50LS2	195X160X220
	50	48	0	10	6	10	6	–	–	120	70	40	–	ZSFE-50LS2	195X160X220
	50	48	0	10	6	10	6	7	4	120	70	40	–	ZSFV-50LS2	195X160X220

IS09001 CE
VPC PNEUMATIC®

ZS Series 2/2 Solenoid Valve (Normal Open)







Ordering Code ZS Series 2/2 Solenoid Valve (Normal Open)

ZS | 06 | □ - 10L | □ | □ | AC220V

- ZS — Type Code
- 06 — Joint Size: 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
- □ — Seals: Blank:NBR V:VITON E:EPDM
- 10L — Orifice: 2.5L:2.5 3L:3.0 4L:4.0 5L:5.0 6L:1.0 7.5L:7.5 10L:10.0 16L:16.0 20L:20.0 25L:25.0 35L:35.0 40L:40.0 50L:50.0 (Cancel if same with port size)
- □ — Valve Body: Blank:Brass S1:SS316 S2:SS304
- □ — Control Style: Blank:Normal Close H:Normal Open
- AC220V — Standard Voltage: AC110V AC220V DC12V DC24V

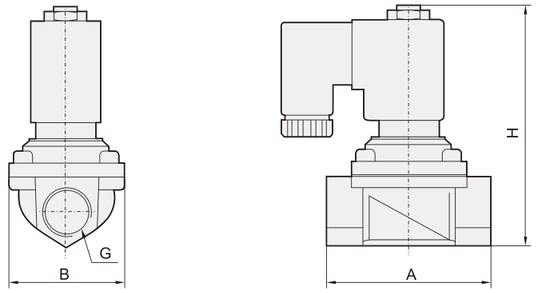
* Normal open,available body:Brass,SS316
* Multiple seals are available for different medium
* Wide size range from 1/8" to 2",with both thread and flange connection
* Diaphragm pilot solenoid valve,with lower working pressure

Specifications

Working Medium	Air,Gas,Water,Oil
Type	Normal Close
Ambient Temperature	0~65℃
Working Temperature	0~130℃
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.

ZS Series Valve(Normal Close)

Main Specification



Port Size (G)	Orifice (mm)	CV Value	Pressure Difference(Bar) Min. Press-ure	Max.Working Pressure Air、Gas AC	Air、Gas DC	Water、Liquid AC	Water、Liquid DC	Oil≤ 20CST AC	Oil≤ 20CST DC	Max. Temp. (℃)	Power VA AC 220V	Power W DC 24V	Model Brass	Model SS304	Main Dimension LXWXH AXBXH
3/8″	4.0	0.6	0	5	3	5	3	3	3	80	57	32	ZS10-4LH	ZS10-4LS2H	52.5X32.5X115
	4.0	0.6	0	5	3	5	3	–	–	120	57	32	ZS10E-4LH	ZS10E-4LS2H	52.5X32.5X115
	4.0	0.6	0	5	3	5	3	3	3	120	57	32	ZS10V-4LH	ZS10V-4LS2H	52.5X32.5X115
	16	4.8	0	5	3	3	5	3	3	80	57	32	ZS10-16LH	ZS10-16LS2H	69X57X135
	16	4.8	0	5	3	3	5	–	–	120	57	32	ZS10E-16LH	ZS10E-16LS2H	69X57X135
	16	4.8	0	5	3	3	5	3	3	120	57	32	ZS10V-16LH	ZS10V-16LS2H	69X57X135
1/2″	16	4.8	0	5	3	5	3	3	3	80	57	32	ZS15-16LH	ZS15-16LS2H	69X57X135
	16	4.8	0	5	3	5	3	–	–	120	57	32	ZS15E-16LH	ZS15E-16LS2H	69X57X135
	16	4.8	0	5	3	5	3	3	3	120	57	32	ZS15V-16LH	ZS15V-16LS2H	69X57X135
3/4″	20	7.6	0	5	3	5	3	3	3	80	57.2	32	ZS-20H	ZS-20S2H	73X57X142
	20	7.6	0	5	3	5	3	–	–	120	57.2	32	ZS-20EH	ZS-20ES2H	73X57X142
	20	7.6	0	5	3	5	3	3	3	120	57.2	32	ZS-20VH	ZS-20VS2H	73X57X142
1″	25	12	0	5	3	5	3	3	3	80	57.2	32	ZS-25H	ZS-25S2H	99X77.5X150
	25	12	0	5	3	5	3	–	–	130	57.2	32	ZS-25EH	ZS-25ES2H	99X77.5X150
	25	12	0	5	3	5	3	3	3	120	57.2	32	ZS-25VH	ZS-25VS2H	99X77.5X150
1-1/4″	32	24	0	5	3	5	3	3	3	80	70	40	ZS35-32LH	ZS35-32LS2H	112X86.5X180
	32	24	0	5	3	5	3	–	–	130	70	40	ZS35E-32LH	ZS35E-32LS2H	112X86.5X180
	32	24	0	5	3	5	3	3	3	120	70	40	ZS35V-32LH	ZS35V-32LS2H	112X86.5X180
1-1/2″	40	29	0	5	3	5	3	3	3	80	70	40	ZS-40H	ZS-40S2H	123X94X190
	40	29	0	5	3	5	3	–	–	130	70	40	ZS-40EH	ZS-40ES2H	123X94X190
	40	29	0	5	3	5	3	3	3	120	70	40	ZS-4VH	ZS-4VS2H	123X94X190
2″	50	48	0	5	3	5	3	3	3	80	70	40	ZS-50H	ZS-50S2H	168X123X216
	50	48	0	5	3	5	3	–	–	130	70	40	ZS-50EH	ZS-50ES2H	168X123X216
	50	48	0	5	3	5	3	3	3	120	70	40	ZS-50VH	ZS-50VS2H	168X123X216
Flange	25	12	0	5	3	5	3	3	3	80	57	32	–	ZSF-25LS2H	140X115X180
	25	12	0	5	3	5	3	–	–	120	57	32	–	ZSFE-25LS2H	140X115X180
	25	12	0	5	3	5	3	3	3	120	57	32	–	ZSFV-25LS2H	140X115X180
	32	24	0	5	3	5	3	–	–	80	70	40	–	ZSF-32LS2H	152X135X235
	32	24	0	5	3	5	3	3	3	120	70	40	–	ZSFE-32LS2H	152X135X235
	32	24	0	5	3	5	3	–	–	120	70	40	–	ZSFV-32LS2H	152X135X235
	40	29	0	5	3	5	3	3	3	80	70	40	–	ZSF-40LS2H	152X145X240
	40	29	0	5	3	5	3	–	–	120	70	40	–	ZSFE-40LS2H	152X145X240
	40	29	0	5	3	5	3	3	3	120	70	40	–	ZSFV-40LS2H	152X145X240
	50	48	0	5	3	5	3	–	–	80	70	40	–	ZSF-50LS2H	195X160X255
	50	48	0	5	3	5	3	3	3	120	70	40	–	ZSFE-50LS2H	195X160X255
	50	48	0	5	3	5	3	–	–	120	70	40	–	ZSFV-50LS2H	195X160X255

2.5mm small orifice valve only with flying leads coil

VPC Series Direct Acting Solenoid Valve

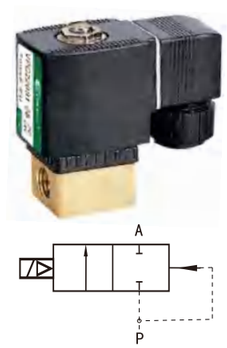
Ordering Code VPC Series Direct Acting Solenoid Valve(Normal Close)

VPC22 — Type Code: VPC 2 Position 2 Port

001 - 06 — Orifice: 001:1mm, 002:2mm, 003:3mm, 004:4mm, 005:5mm, 006:6mm; Joint Size: 06:1/8″, 08:1/4″, 10:3/8″

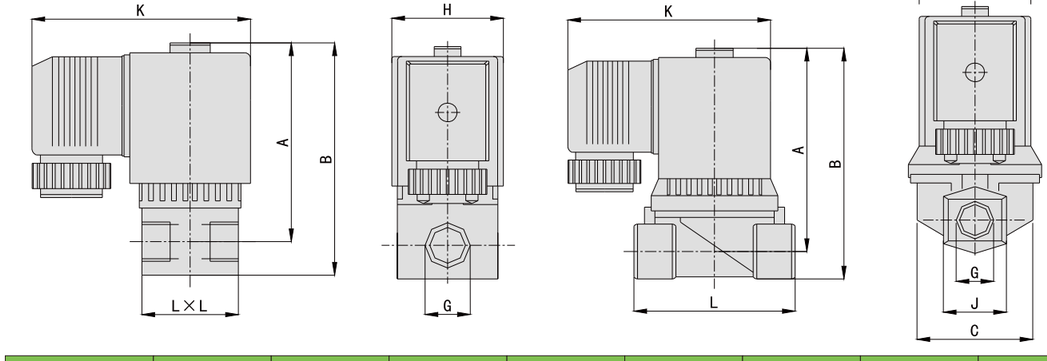
AC110V — Standard Voltage: AC110V, AC220V, DC12V, DC24V





Specifications

Model	Orifice	Joint Size	Working Pressure	KV Value	Ambient Temp.	Working Temp.
VPC2201-06	1mm	G1/8"	0~0.8Mpa	0.02m^3/h	-10~50℃	-10~80℃
VPC2202-06	2mm	G1/8"	0~0.6Mpa	0.08m^3/h		
VPC2201-06A	1mm	G1/8"	0~4.0Mpa	0.02m^3/h		
VPC2202-06A	2mm	G1/8"	0~2.5Mpa	0.08m^3/h		
VPC2203-06	3mm	G1/8"	0~1.0Mpa	0.16m^3/h		
VPC2203-08	3mm	G1/4"	0~1.0Mpa	0.16m^3/h		
VPC2204-08	4mm	G1/4"	0~0.6Mpa	0.25m^3/h		
VPC2205-08	5mm	G1/4"	0~0.3Mpa	0.32m^3/h		
VPC2206	6mm	G1/4~1/2"	0~0.2Mpa	0.54m^3/h		



Model	G	LXL(L)	K	A	B	C	H	J
VPC22001-06	1/8	20X25	59	49	56	–	22	–
VPC22002-06	1/8	20X25	59	49	56	–	22	–
VPC22001-06A	1/8	32X32	76	59	67	–	36	–
VPC22002-06A	1/8	32X32	76	59	67	–	36	–
VPC22003-06	1/8	32X32	76	59	67	–	36	–
VPC22003-08	1/4	32X46	76	60	69	–	36	–
VPC22004-08	1/4	32X46	76	60	69	–	36	–
VPC22005-08	1/4~1/2	32X46	76	60	69	–	36	–
VPC22006	1/4~1/2	50	76	71	85	38	36	26

VPC Series Compact Solenoid Valve

Ordering Code VPC Series 3/2 Compact Direct Acting Solenoid Valve

VPC23 001 - 06 AC110V

- VPC23 — Type Code: VPC Series 3/2 Compact Solenoid Valve
- 001 — Orifice: 001:1.5mm; 002:2.0mm; 003:2.5mm; 1501:1.5mm; 1502:2.0mm
- 06 — Joint Size: 06:1/8″; 08:1/4″; M:Sub-Plate mounting
- AC110V — Standard Voltage: AC110V, AC220V, DC12V, DC24V



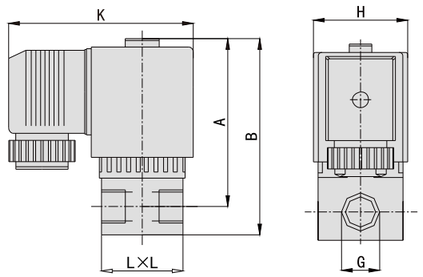


Specifications

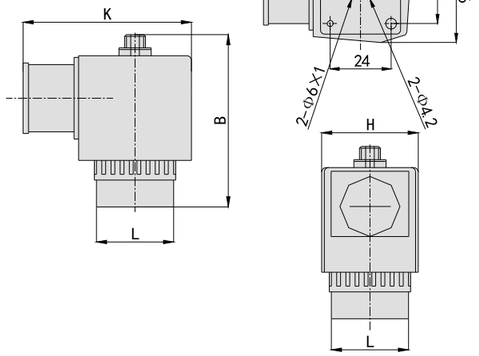
Model	Orifice	Joint Size	Working Pressure	KV Value	Ambient Temp	Working Temp
VPC23001-06	1.5mm	G1/8"	0~1.6Mpa	0.02m³/h	-10~50℃	-10~80℃
VPC23002-06	2.0mm	G1/8"	0~1.6Mpa	0.08m³/h		
VPC23003-06	2.5mm	G1/8"	0-0.6Mpa	0.16m³/h		
VPC23001-08	1.5mm	G1/4"	0-1.6Mpa	0.02m³/h		
VPC23002-08	2.0mm	G1/4"	0-1.0Mpa	0.08m³/h		
VPC23003-08	2.5mm	G1/4"	0-0.6Mpa	0.16m³/h		
VPC231501-M	1.5mm	Panel mounting	0-1.6Mpa	0.02m³/h		
VPC231502-M	2.0mm	Panel mounting	0-1.0Mpa	0.08m³/h		

Main Specification

Thread mounting



Panel mounting



Model	G	LXL(L)	K	A	B	H
VPC23001-06	1/8	32X32	76	67	75	36
VPC23002-06	1/8	32X32	76	67	75	36
VPC23003-06	1/8	32X32	76	67	75	36
VPC23001-08	1/4	32X46	76	68	77	36
VPC23002-08	1/4	32X46	76	68	77	36
VPC23003-08	1/4	32X46	76	68	77	36
VPC231501-B	Panel mounting	32X32	63	-	66	36
VPC231502-B	Panel mounting	32X32	63	-	66	36

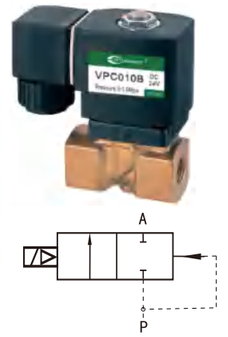
VPC Series Pilot-Diaphragm Solenoid Valve(Normal Close)

Ordering Code VPC Series Pilot-Diaphragm Solenoid Valve(Normal Close)

VPC 008B □ AC220V

- VPC — Type Code: VPC Pilot-Diaphragm Solenoid Valve
- 008B — Joint Size: 008B:1/4″; 010B:3/8″; 015B:1/2″; 020B:3/4″; 025B:1″; 032B:1-1/4″; 040B:1-1/2″; 050B:2″
- □ — Control Style: Blank:Normal Close; T:Normal Open
- AC220V — Standard Voltage: AC110V, AC220V, DC12V, DC24V

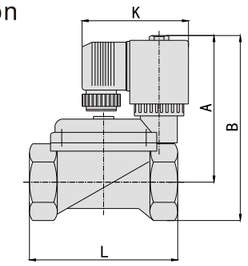


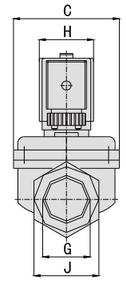


Specifications

Model	Orifice	Joint Size	Working Pressure	KV Value	Ambient Temp	Working Temp
VPC008B/VPC008BT	10mm	G1/4"	0.2~1.0Mpa	1.4m³/h	-10~50℃	-10~80℃
VPC010B/VPC010BT	10mm	G3/8"	0.2~1.0Mpa	1.4m³/h		
VPC015B/VPC015BT	10mm	G1/2"	0.2~1.0Mpa	1.4m³/h		
VPC015-14B	14mm	G1/2"	0.2~1.0Mpa	2.52m³/h		
VPC020B	14mm	G3/4"	0.2~1.0Mpa	2.52m³/h		
VPC020-20B	20mm	G3/4"	0.2~1.6Mpa	5.0m³/h		
VPC025B	20mm	G1"	0.2~1.6Mpa	5.0m³/h		
VPC032B	40mm	G1-1/4"	0.5~1.6Mpa	18m³/h		
VPC040B	40mm	G1-1/2"	0.5~1.6Mpa	18m³/h		
VPC050B	50mm	G2"	0.5~1.6Mpa	28m³/h		

Main Specification





Model	G	L	K	A		B		C	H	J
				N.C	N.O	N.C	N. O			
VPC008B VPC008BT	G1/4	50	76	71	-	85	-	38	36	26
VPC010B VPC010BT	G3/8	50	76	71	-	85	-	38	36	26
VPC015B VPC015BT	G1/2	50	76	71	-	85	-	38	36	26
VPC015-14B	G1/2	66	76	77	97	91	111	44	36	26
VPC020B	G3/4	60	76	80	-	96	-	44	36	31
VPC020-20B	G3/4	83	76	97	111	117	131	65	36	41
VPC025B	G1	83	76	97	111	117	131	65	36	41
VPC032B	G1-1/4	133	76	108	122	140	154	96	36	56
VPC040B	G1-1/2	133	76	108	122	140	154	96	36	56
VPC050B	G2	160	76	124	138	164	178	113	36	76

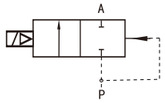
VPCE Series High Pressure Solenoid Valve

Ordering Code VPCE Series High Pressure Solenoid Valve

VPCE 008 - 13L □ AC220V

- VPCE — Type Code: VPCE High Pressure Solenoid Valve
- 008 — Joint Size: 008:1/4″ 010:3/8″ 015:1/2″ 020:3/4″ 025:1″
- 13L — Orifice: 13L:13mm 15L:15mm 20L:20mm 23L:23mm 25L:25mm
- □ — Valve Body: Blank:Brass S:SS316
- AC220V — Standard Voltage: AC220V 50/60Hz DC24V

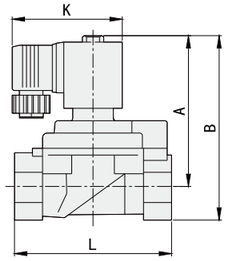


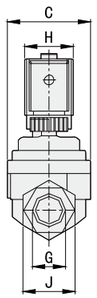


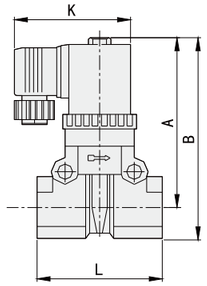
Specifications

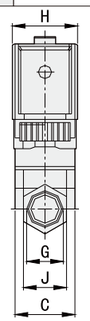
Model	Orifice	Joint Size	Working Pressure	KV Value	Ambient Temp	Working Temp
VPCE008-13L	13mm	G1/4"	0.1-5.0Mpa	2.52m³/h	-10~50℃	-10~80℃
VPCE008-15L	15mm	G1/4"	0.1-5.0Mpa	2.8m³/h		
VPCE010-13L	13mm	G3/8"	0.1-5.0Mpa	2.52m³/h		
VPCE010-15L	15mm	G3/8"	0.1-5.0Mpa	2.8m³/h		
VPCE015-13L	13mm	G1/2"	0.1-5.0Mpa	2.52m³/h		
VPCE015-15L	15mm	G1/2"	0.1-5.0Mpa	2.8m³/h		
VPCE020-15L	15mm	G3/4"	0.1-5.0Mpa	2.8m³/h		
VPCE020-20L	20mm	G3/4"	0.1-4.0Mpa	5.0m³/h		
VPCE020-23L	23mm	G3/4"	0.1-4.0Mpa	7.1m³/h		
VPCE025-23L	23mm	G1"	0.1-4.0Mpa	7.1m³/h		
VPCE025-25L	25mm	G1"	0.1-4.0Mpa	8.5m³/h		

Main Specification









Model	G	L	K	A	B	C	H	J
VPCE008-13L	G1/4″	71	76	83	97	32	36	27
VPCE008-15L	G1/4″	77	76	91	106	53	36	27
VPCE010-13L	G3/8″	71	76	83	97	32	36	27
VPCE010-15L	G3/8″	77	76	91	106	53	36	27
VPCE015-13L	G1/2″	71	76	83	97	32	36	27
VPCE015-15L	G1/2″	77	76	91	106	53	36	27
VPCE020-15L	G3/4″	66	76	77/97	91/111	44	36	26
VPCE020-20L	G3/4″	91	76	100	116	57	36	32
VPCE020-23L	G3/4″	100	76	90	113	70	36	40
VPCE025-23L	G1″	100	76	90	113	70	36	40
VPCE025-25L	G1″	117	76	106	123	71	36	41

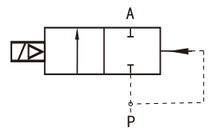
VPCT Series High Temperature Solenoid Valve

Ordering Code VPCT Series High Temperature Solenoid Valve

VPCT 008 AC220V

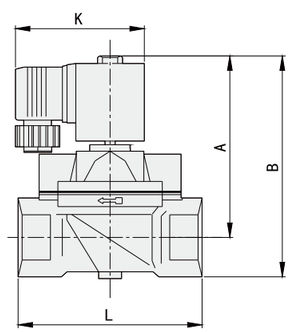
- VPCT — Type Code: VPCE High Temperature Solenoid Valve
- 008 — Joint Size: 008:1/4″ 010:3/8″ 015:1/2″ 020:3/4″ 025:1″
- AC220V — Standard Voltage: AC220V 50/60Hz DC24V

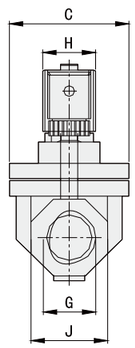




Specifications

Model	VPCT008	VPCT010	VPCT015	VPCT020	VPCT025
Working Medium	Neutral liquid gas or liquid				
Acting Type	Pilot Type				
Control Style	Normal Close				
Orifice	14mm			20mm	25mm
KV Value	2.52m³/h			5.0m³/h	8.5m³/h
Working Pressure	0.05-1.6Mpa				
Medium Viscidity	≤21mm²/s				
Ambient Temperature	-10~50℃				
Working Temperature	-10~180℃				
Valve Body	Brass				
Seal material	PTFE				
Joint Size	G1/4"	G3/8"	G1/2"	G3/4"	G1"





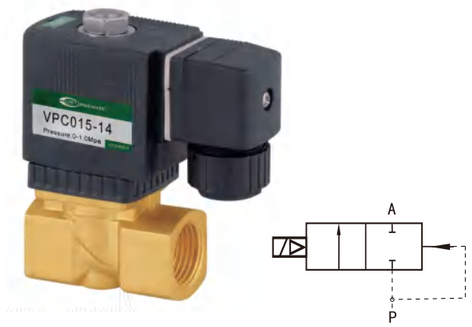
Model	G	L	K	A	B	C	H	J
VPCT008	G1/4″	66	88	102	115	40	45	26
VPCT010	G3/8″	66	88	102	115	40	45	26
VPCT015	G1/2″	66	88	102	115	40	45	26
VPCT020	G3/4″	91	76	100	116	57	36	32
VPCT025	G1″	117	76	102	123	71	36	41

VPC Series Step Direct Acting Diaphragm Solenoid Valve(Normal Close)

Ordering Code VPC Series Step Direct Acting Diaphragm Solenoid Valve

VPC | 008 | □ | AC220V

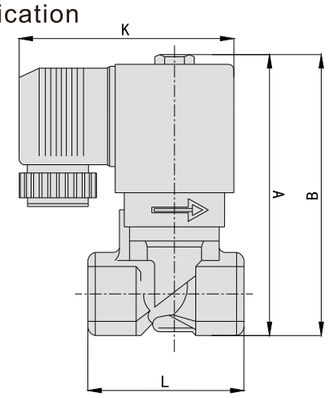
- VPC — Type Code: VPC Series Step Direct Acting Diaphram
- 008 — Joint Size: 008:1/4″ 010:3/8″ 015:1/2″ 020:3/4″ 025:1″
- □ — Control Style: Blank:Normal Close T:Normal Open
- AC220V — Standard Voltage: AC110V AC220V DC12V DC24V

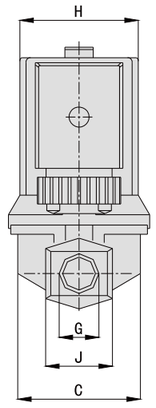


Specifications

Model	Orifice	Joint Size	Working Pressure	KV Value	Ambient Temp	Working Temp
VPC008/VPC008T	10mm	G1/4"	0~1.0Mpa	1.4m³/h	-10~50℃	-10~80℃
VPC010/VPC010T	10mm	G3/8"	0~1.0Mpa	1.4m³/h		
VPC015/VPC015T	10mm	G1/2"	0~1.0Mpa	1.4m³/h		
VPC015-14	14mm	G1/2"	0~1.0Mpa	2.52m³/h		
VPC020	14mm	G3/4"	0~1. 0Mpa	2.52m³/h		
VPC020-20	20mm	G3/4"	0~1.0Mpa	5.0m³/h		
VPC025	20mm	G1"	0~1.0Mpa	5.0m³/h		

Main Specification





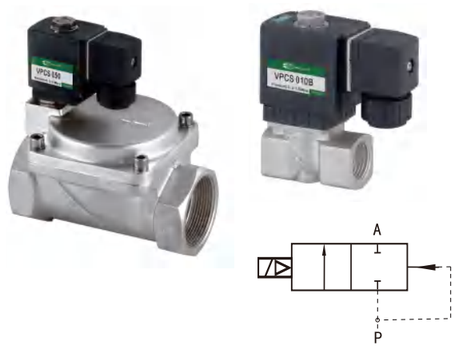
Model	G	L	K	A	B	C	H	J
VPC008 VPC008T	G1/4	50	76	71	85	38	36	26
VPC010 VPC010T	G3/8	50	76	71	85	38	36	26
VPC015 VPC015T	G1/2	50	76	71	85	38	36	26
VPC015-14	G1/2	66	76	77	91	44	36	26
VPC020	G3/4	60	76	80	96	44	36	31
VPC020-20	G3/4	83	88	111	131	65	45	41
VPC025	G1	83	88	111	131	65	45	41

VPCS Series Stainless Steel Pilot-Diaphragm Solenoid Valve(Normal Close)

Ordering Code VPCS Series Stainless Steel Pilot-Diaphragm Solenoid Valve

VPCS | 008 | □ | AC220V

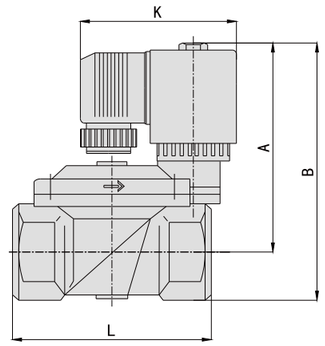
- VPCS — Type Code: VPCS Stainless Steel Pilot-Diaphragm
- 008 — Joint Size: 008B:1/4″ 010B:3/8″ 015B:1/2″ 020B:3/4″ 025:1″ 032:1-1/4″ 040:1-1/2″ 050:2″
- □ — Control Style: Blank:Normal Close T:Normal Open
- AC220V — Standard Voltage: AC220V DC24V

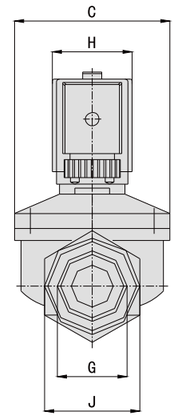


Specifications

Model	Orifice	Joint Size	Working Pressure	KV Value	Ambient Temp	Working Temp
VPCS008B	10mm	G1/4"	0.2-1.0Mpa	1.4m³/h	-10~50℃	-10~80℃
VPCS010B	10mm	G3/8"	0.2-1.0Mpa	1.4m³/h		
VPCS015B	10mm	G1/2"	0.2-1.0Mpa	1.4m³/h		
VPCS020-20	22mm	G3/4"	0-1.0Mpa	6.4m³/h		
VPCS025	22mm	G1"	0-1.0Mpa	6.4m³/h		
VPCS032	40mm	G1-1/4"	0.2-1.6Mpa	18m³/h		
VPCS040	40mm	G1-1/2"	0.2-1.6Mpa	18m³/h		
VPCS050	50mm	G2"	0.2-1.6Mpa	28m³/h		

Main Specification

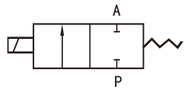




Model	G	L	K	A		B		C	H	J
				N.C	N.O	N.C	N.O			
VPCS008B	G1/4	52	76	72	-	85	-	38	36	26
VPCS010B	G3/8	52	76	72	-	85	-	38	36	26
VPCS015B	G1/2	52	76	72	-	85	-	38	36	26
VPCS020-20	G3/4	84	88	112	-	132	-	60	45	40
VPCS025	G1	84	88	112	-	132	-	60	45	40
VPCS032	G1-1/4	136	76	104	119	132	147	95	36	55
VPCS040	G1-1/2	136	76	104	119	132	147	95	36	55
VPCS050	G2	161	76	110	125	145	160	112	36	70

PU220 Series Solenoid Valve



Ordering Code PU220 Series Solenoid Valve

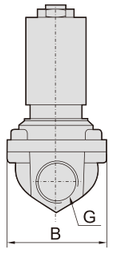
P U 2 2 0 - 0 1 □ □ A C 1 1 0 V

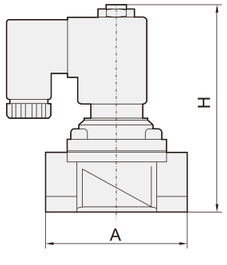
- Type Code
- Joint Size: 01:1/8" 02:1/4" 03:3/8" 04:1/2" 06:3/4" 08:1"
- Mounting Type: Blank:Standard F:With Flange
- Coil Type: Blank:Standard coil T:Coil with Timer
- Standard Voltage: DC12V DC24V AC24V 50/60Hz AC110V 50/60Hz AC220V 50/60Hz AC380V 50/60Hz

Specifications

Model	PU220-01	PU220-02	PU220-03	PU220-04	PU220-06	PU220-08
Working Medium	Air、Water、Oil、Gas					
Acting Type	Direct Acting Type					
Control Style	Normal Close					
Orifice	1.5mm	2.3mm	8.0mm	13.0mm	20.0mm	25.0mm
CV Value	0.10m^3/h	0.18m^3/h	1.00m^3/h	4.00m^3/h	8.60m^3/h	11.00m^3/h
Joint Size	G1/8"	G1/4"	G 3/8"	G1/2"	G3/4"	G1"
Working Pressure	0~0.7Mpa					
Max.Pressure	1.05Mpa					
Working Temperature	-10~90℃					
Valve Body	Brass					
Seal material	NBR、EPDM、VITON					

Main Specification

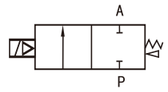




Model	A	B	C	K
PU220-01	22.0	72.0	22.0	G1/8"
PU220-02	22.0	72.0	25.4	G1/4"
PU220-03	55.0	79.5	30.0	G3/8"
PU220-04	66.5	101.0	48.0	G1/2"
PU220-06	71.0	107.0	48.0	G3/4"
PU220-08	96.0	120.0	70.0	G1"

PU225 Series Solenoid Valve



Ordering Code PU225 Series Solenoid Valve

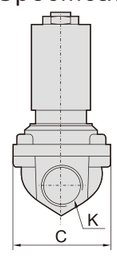
P U 2 2 5 - 0 3 □ □ A C 1 1 0 V

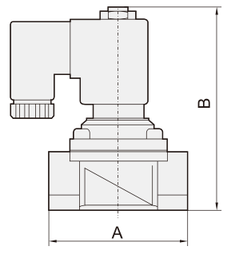
- Type Code: PU225:Brass SPU225:Stainless Steel
- Joint Size: 03:3/8" 04:1/2" 06:3/4" 08:1" 12:1-1/4" 14:1-1/2" 20:2"
- Mounting Type: Blank:Standard F:With Flange
- Coil Type: Blank:Standard coil T:Coil with Timer
- Standard Voltage: DC12V DC24V AC24V 50/60Hz AC110V 50/60Hz AC220V 50/60Hz AC380V 50/60Hz

Specifications

Model	PU225-03	PU225-04	PU225-06	PU225-08	PU225-12	PU225-14	PU225-20
	SPU225-03	SPU225-04	SPU225-06	SPU225-08	SPU225-12	SPU225-14	SPU225-20
Working Medium	Air、Water、Oil、Gas						
Acting Type	Pilot Type						
Control Style	Normal Close						
Orifice	13mm	13mm	25mm	25mm	38mm	38mm	50mm
CV Value	4.5m^3/h	4.5m^3/h	12.0m^3/h	12.0m^3/h	22m^3/h	30m^3/h	48m^3/h
Joint Size	G3/8"	G1/2"	G3/4"	G1"	G1-1/4"	G1-1/2"	G2"
Working Pressure	0.5~1.0Mpa						
Max.Pressure	1.5Mpa						
Working Temperature	-5~80℃						
Valve Body	Brass、Stainless Steel						
Seal material	NBR、EPDM、VITON						

Main Specification

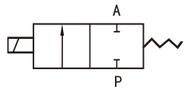




Model	A	B	C	K
PU225-03	66.5	106.5	48.0	G3/8"
PU225-04	66.5	106.5	48.0	G1/2"
PU225-06	96.0	126.0	70.0	G3/4"
PU225-08	96.5	126.0	70.0	G1"
PU225-12	131.0	145.5	96.0	G1-1/4"
PU225-14	131.0	145.5	96.0	G1-1/2"
PU225-20	160.0	160.5	112.0	G2"

2W Series Solenoid Valve



Ordering Code 2W(UD) Series 2/2 Direct Acting Solenoid Valve(Small Orifice)

2 W | 0 2 5 - 0 8 | F | D | □ | A C 1 1 0 V

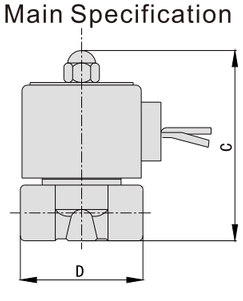
- **Type Code**: 2W: Standard; 2WH: High Pressure
- **Orifice**: 012:1.2mm; 020:2mm; 025:2.5mm; 040:4mm
- **Joint Size**: 06:1/8"; 08:1/4"; 10:3/8"
- **Mounting Type**: Blank:Tube Joint Type; F:With Flange
- **Coil Type**: Blank:Flying leads; D:DIN Type; E:Anti-explosion Coil; G:Water-Proof Coil
- **Control Style**: Blank:Normal Close; T:Normal Open
- **Standard Voltage**: DC12V; DC24V; AC24V 50/60Hz; AC110V 50/60Hz; AC220V 50/60Hz; AC380V 50/60Hz

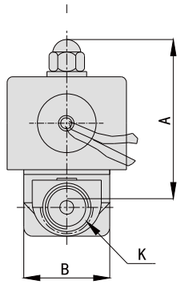
Note:Only 2W040 valve can make normal open type

Specifications

Model	2W025-06	2W025-08	2W040-10	2WH012-06	2WH012-08	2WH020-10
Working Medium	Air、Water、Oil、Gas					
Acting Type	Direc Acting Type					
Control Style	Normal Close					
Orifice	2.5mm		4mm	1.2mm		2mm
CV Value	0.23		0.60	0.05		0.15
Joint Size	G1/8"	G1/4"	G 3/8"	G1/8"	G1/4"	G3/8"
Working Pressure	Air、Water、Oil、Gas:0~0.7Mpa			Air、Water、Oil:0~2.0Mpa		
Max.Pressure	1.0Mpa			3.5Mpa		
Working Temperature	-5~80℃（The temperature can reach -5~150℃ if change the seal）					
Valve Body	Brass					
Seal material	NBR、EPDM、VITON					

Main Specification

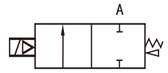




Model	A	B	C	D	K
2W025-06	66	30.3	75.0	40.5	ZG1/8
2W025-08	66	30.3	75.0	40.5	ZG1/4
2W040-10	74	32.2	85.5	52.5	ZG3/8
2WH012-06	66	30.3	75.0	40.5	ZG3/8
2WH012-08	66	30.3	75.0	40.5	ZG1/2
2WH020-10	74	32.2	85.5	52.5	ZG3/4

2W Series Solenoid Valve



Ordering Code 2W(UW) Series 2/2 Direct Acting Solenoid Valve(Big Orifice)

2 W | 1 6 0 - 1 5 | F | D | □ | A C 1 1 0 V

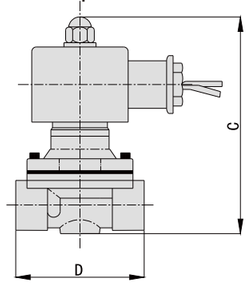
- **Type Code**: 2W: Direction Solenoid Valve
- **Orifice**: 160:16mm; 200:20mm; 250:25mm; 300:30mm; 350:35mm; 400:40mm; 500:50mm
- **Joint Size**: 10:3/8"; 15:1/2"; 20:3/4"; 25:1"; 35:1 1/4"; 40:1 1/2"; 50:2"
- **Mounting Type**: Blank:Standard; F:With Flange
- **Coil Type**: Blank:Flying leads; D:DIN Type; E:Anti-explosion Coil; G:Water-Proof Coil
- **Control Style**: Blank:Normal Close; T:Normal Open
- **Standard Voltage**: DC12V; DC24V; AC24V 50/60Hz; AC110V 50/60Hz; AC220V 50/60Hz; AC380V 50/60Hz

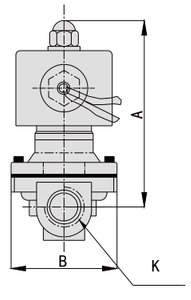
Note:Only 2W160、2W200、2W250 valve can make normal open type

Specifications

Model	2W160-10	2W160-15	2W200-20	2W250-25	2W350-35	2W400-40	2W500-50
Working Medium	Air、Water、Oil、Gas						
Acting Type	Direct Acting Type						
Control Style	Normal Close/Normal Open						
Orifice	16mm		20mm	25mm	35mm	40mm	50mm
CV Value	4.8		7.6	12	24	29	48
Joint Size	G3/8"	G1/2"	G 3/4"	G1"	G1 1/4"	G1 1/2"	G2"
Working Pressure	Air: 0~0.7Mpa ; Water: 0~0.5Mpa ; Oil: 0~0.5Mpa; Gas: 0~0.7Mpa						
Max.Pressure	1.05Mpa						
Working Temperature	-5~80℃（The temperature can reach -5~150℃ if change the seal）						
Valve Body	Brass						
Seal material	NBR、VITON						

Main Specification

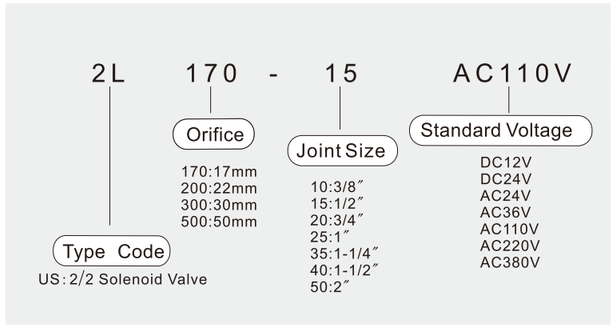




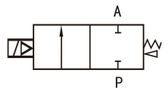
Model	A	B	C	D	K
2W160-10	101.5	57.0	117	69	3/8"
2W160-15	101.5	57.0	117	69	1/2"
2W200-20	107.0	57.0	123.5	73	3/4"
2W250-25	111.5	73.5	134.5	99	1"
2W350-35	142.0	95.0	172	123	1 1/4"
2W400-40	142.0	95.0	172	123	1 1/2"
2W500-50	172	123	209	168	2"

2L Series Solenoid Valve

Ordering Code 2L(US) Series 2/2 Solenoid Valve



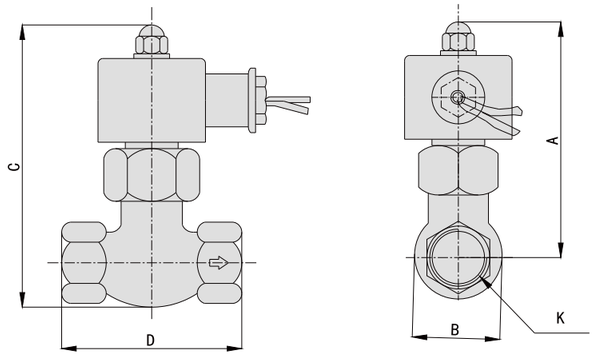




Specifications

Model	2L170-10	2L170-15	2L170-20	2L200-25	2L300-35	2L300-40	2L500-50
Working Medium	Air、Water、Oil						
Acting Type	Pilot Type						
Control Style	Normal Close						
Orifice	17mm			22mm	30mm		50mm
CV Value	4.8			12	20		48
Joint Size	G3/8"	G1/2"	G3/4"	G1"	G1-1/4"	G1-1/2"	G2"
Medium Viscidity	≤20CST						
Working Pressure	0.1~1.5Mpa						
MAX.Pressure	2.25Mpa						
Working Temperature	-5~180℃						
Voltage Range	±10%						
Valve Body	Brass						
Seal material	PTFE						

Main Specification



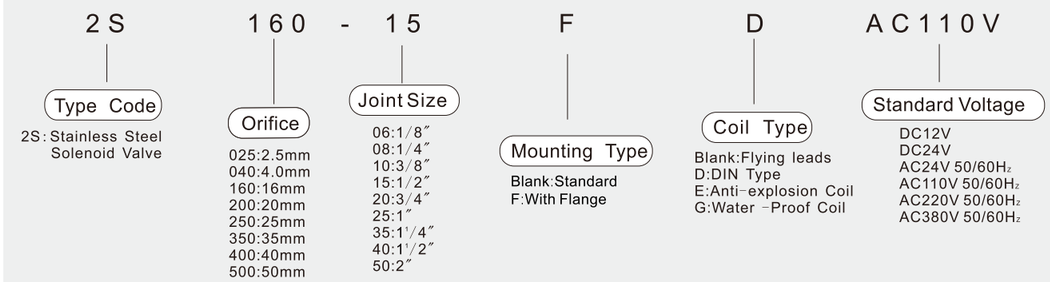
Model	A	B	C	D	K
2L170-10	125	42.0	146	82	3/8"
2L170-15	125	42.0	146	82	1/2"
2L170-20	125	42.0	146	82	3/4"
2L200-25	136	52.0	162	90.5	1"
2L300-35	148	74.0	185	111	1¹/4"
2L300-40	148	74.0	183	111	1¹/2"
2L500-50	176	94.5	223	163	2"

IS09001 CE
VPC PNEUMATIC®

2S Series Stainless Steel Solenoid Valve



Ordering Code 2S Series Stainless Steel Direct Acting Solenoid Valve



Specifications

Model	2S025-06	2S025-08	2S040-10	2S160-10	2S160-15	2S200-20	2S250-25	2S350-35	2S400-40	2S500-50
Working Medium	Air、Water、Oil、Gas									
Acting Type	Direct Acting Type									
Control Style	Normal Close									
Orifice	2.5mm		4mm	16mm		20mm	25mm	35mm	40mm	50mm
CV Value	0.23		0.60	4.8		7.6	12	24	29	48
Joint Size	G1/8"	G1/4"	G 3/8"	G3/8"	G1/2"	G3/4"	G1"	G1¹/4"	G1¹/2"	2"
Medium Viscidity	≤20CST									
Working Pressure	0~0.7Mpa			Air、Gas:0~0.7Mpa; Water、Oil:0~0.5Mpa						
MAX.Pressure	1.05Mpa									
Working Temperature	-5~80℃									
Voltage Range	± 10%									
Valve Body	Stainless Steel									
Seal material	NBR、EPDM、VITON									

Note:The dimension of 2S Series solenoid valve please refer to 2W series

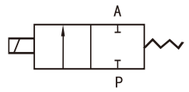
2P Series Solenoid Valve



Brass Valve Body



Plastic Valve Body



Ordering Code 2P Series Solenoid Valve

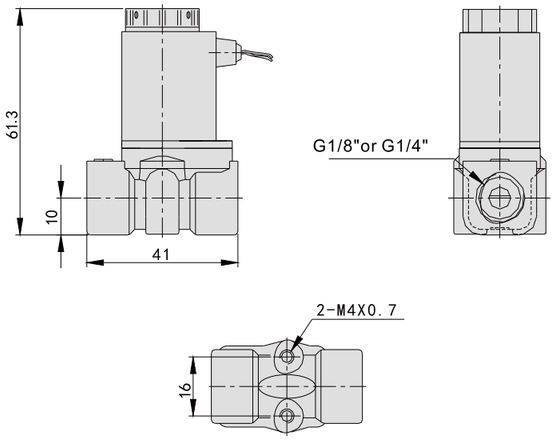
2P 025 - 06 P AC110V

- 2P: Type Code — 2P: 2P Series Solenoid Valve
- 025: Orifice — 025:2.5mm
- 06: Joint Size — 06:1/8″, 08:1/4″
- P: Valve Body — P: Plastic Valve Body, B: Brass Valve Body
- AC110V: Standard Voltage — DC12V, DC24V, AC24V 50Hz/60Hz, AC110V 50Hz/60Hz, AC220V 50Hz/60Hz, AC380V 50Hz/60Hz

Specifications

Model	2P025-06P	2P025-08P
	2P025-06B	2P025-08B
Working Medium	Air、Water、Oi、Gas	
Acting Type	Direct Acting Type	
Control Style	Normal Close	
Orifice	2.5mm	
CV Value	0.23	
Joint Size	G1/8"	G1/4"
Medium Viscidity	⩽20CST	
Working Pressure	0-0.7Mpa	
MAX.Pressure	1.0Mpa	
Working Tempe.	-5~80℃	
Voltage Range	±10%	
Valve Body	Engineering Plastic、Brass	
Seal material	NBR、EPDM、VITON	

Main Specification



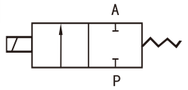
2V Series Solenoid Valve

Ordering Code 2V Series Solenoid Valve

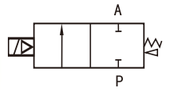
2V 025 - 06 AC110V

- 2V: Type Code — 2V Series Solenoid Valve
- 025: Orifice — 025:2.5mm, 130:13mm, 250:25mm
- 06: Joint Size — 06:1/8″, 08:1/4″, 10:3/8″, 15:1/2″, 20:3/4″, 25:1″
- AC110V: Standard Voltage — DC12V, DC24V, AC24V 50Hz/60Hz, AC110V 50Hz/60Hz, AC220V 50Hz/60Hz, AC380V 50Hz/60Hz







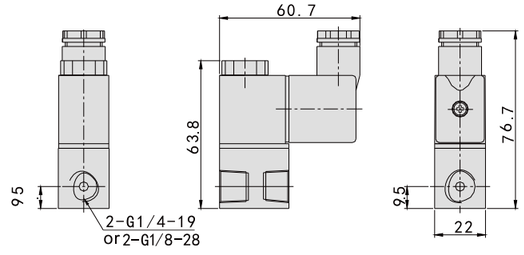


Specifications

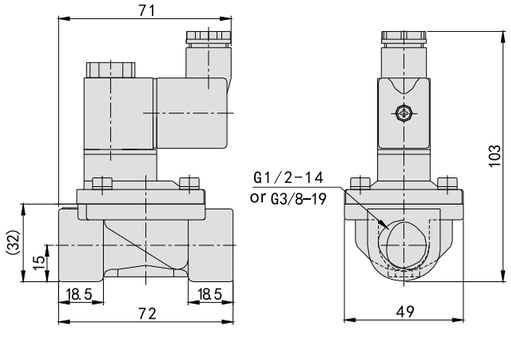
Model	2V025-08	2V130-15	2V250-25
Working Medium	Air、Water、Oil		
Acting Type	Direct Acting	Pilot Type	
Control Style	Normal Close		
Orifice	2.5mm	13mm	25mm
CV Value	0.23	6.2	23
Joint Size	G1/4"	G1/2"	G1"
Medium Viscidity	⩽20CST		
Working Pressure	0-0.8Mpa	0. 05-0.7Mpa	
MAX.Pressure	1.2Mpa	1.05Mpa	
Working Tempe.	-5~80℃		
Voltage Range	±10%		
Valve Body	Brass		
Seal material	NBR、VITON	NBR	
Shortest Activate Time	0.05S		

Main Specification

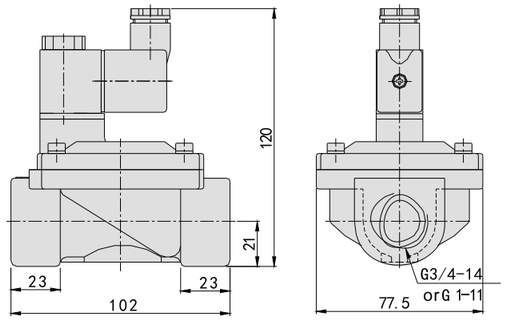
2V025



2V130



2V250



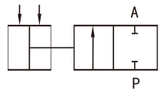
2Q Series Air Control Valve

Ordering Code 2Q Series Air Control Valve(Normal Close)

2Q – 200 – 20

- 2Q — Type Code: 2Q Series Air Control Valve
- 200 — Orifice: 160:16mm; 200:20mm; 250:25mm; 350:35mm; 400:40mm; 500:50mm
- 20 — Joint Size: 15:1/2″; 20:3/4″; 25:1″; 35:1-1/4″; 40:1-1/2″; 50:2″

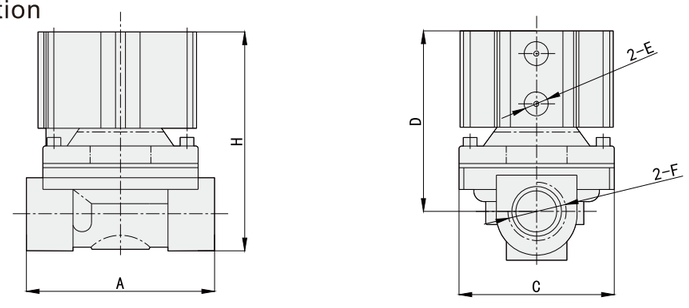




Specifications

Model	2Q160-15	2Q200-20	2Q250-25	2Q350-35	2Q400-40	2Q500-50
Working Medium	Air、Water、Oil、Gas					
Acting Type	Direct Acting Type					
Orifice	16mm	20mm	25mm	35mm	40mm	50mm
CV Value	4.8m^3/h	12 m^3/h	7.6 m^3/h	24 m^3/h	29m^3/h	48m^3/h
Joint Size	G1/2"	G3/4"	G1"	G1-1/4"	G1-1/2"	G2"
Medium Viscidity	≤50CST					
Working Pressure	0~0.7Mpa					
MAX.Pressure	1.05Mpa					
Control Pressure Range	0.3~0.6Mpa					
Working Temperature	-5℃~100℃					
Valve Body	Brass					
Seal material	PTFE					
Control Joint Size	2-M5	2-G1/8"		2-G1/4"		

Main Specification



Model	A	H	C	D	E	F
2Q160-15	67	89	57	75	M5	1/2″
2Q200-20	99	116	57	95	1/8″	3/4″
2Q250-25	99	116	57	95	1/8″	1″
2Q350-35	127	123	93	97	1/4″	1-1/4″
2Q400-40	123	146	95	116	1/4″	1-1/2″
2Q500-50	170	155	118	114	1/4″	2″

VX Series Solenoid Valve

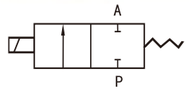
Ordering Code VX Series Solenoid Valve

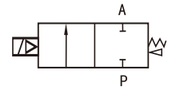
VX2120 - 08 AC110V

- VX2120 — Type Code: VX Series Solenoid Valve
- 08 — Joint Size: 06:1/8″; 08:1/4″; 10:3/8″; 15:1/2″
- AC110V — Standard Voltage: DC12V; DC24V; AC24V; AC110V; AC220V; AC380V







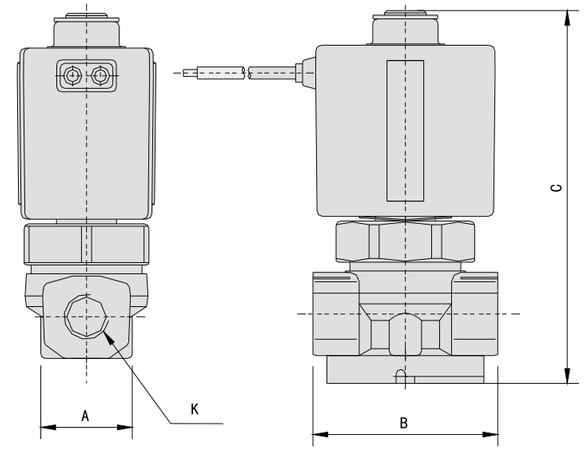


Specifications

Model	VX2120-06	VX2120-08	VX2120-10	VX2120-15
Working Medium	Air、Water、Oil			
Acting Type	Direct Acting Type			
Control Style	Normal Close			
Working Pressure	0~1.0Mpa			
Orifice	3mm		13mm	
Joint Size	G1/8"	G1/4"	G3/8"	G1/2"
Working Temperature	-5~150℃		-5~80℃	
Seal material	VITON		NBR	

Main Specification

Model	K	A	B	C
VX2120-06	G1/8"	25	40	64
VX2120-08	G1/4"	25	40	64
VX2120-10	G3/8"	48	68	110
VX2120-15	G1/2"	48	68	110



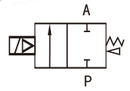
SLH Series High Temperature Stainless Steel Solenoid Valve

Ordering Code SLH Series High Temperature Stainless Steel Solenoid Valve

SLH — 15 — □ — 10L — □ — AC220V

- SLH — Type Code
- 15 — Joint Size: 10:3/8" 15:1/2" 20:3/4" 25:1" 35:1-1/4" 40:1-1/2" 50:2" F:With Flange
- □ — Seals: T:Teflon
- 10L — Orifice: 15L:15.0 20L:20.0 25L:25.0 35L:35.0 40L:40.0 50L:50.0 (Cancel if same with port size)
- □ — Valve Body: S:SS304
- AC220V — Standard Voltage: AC110V AC220V DC24V

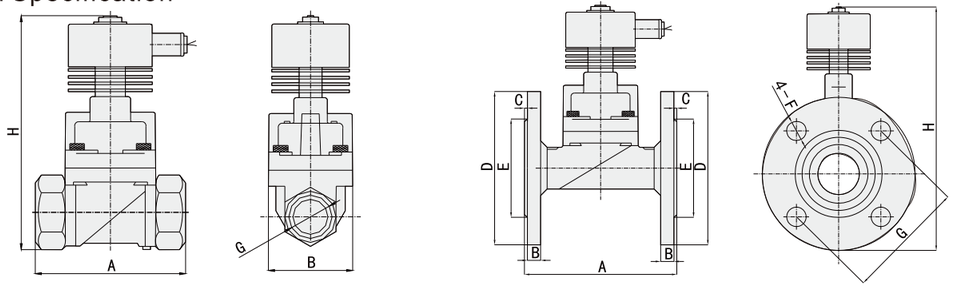




Specifications

* Coil type:Standard H Class Metallic Housing,lead wires(W type);
* Medium Temperature:5℃~250℃(seals telfon+metal);
* Working Medium:Steam,heat-conducting oil etc(pls choose according to the related seals);
* Action:Pilot structure solenoid valve.started by operation pressure;
* Body Material:Stainless steel.

Main Specification



Joint Size (G)	Orifice (mm)	CV Value	Pressure Differential(Bar)			Max Liquid Temperature (℃)	External Dimension LXWXH AXBXH	Model Code
			Min. Pressure	Max.Working Pressure				
				Heat-conducting oil	Steam			
3/8"	15	4.5	0.5	16	16	250	75X52X159	SLH10T-15LS
1/2"	15	4.5	0.5	16	16	250	75X52X159	SLH-15TS
3/4"	20	8.0	0.5	16	16	250	85X60X171	SLH-20TS
1"	25	12	0.5	16	16	250	100X70X178	SLH-25TS
1-1/4"	35	22	0.5	16	16	250	120X90X198	SLH-35TS
1-1/2"	35	22	0.5	16	16	250	120X90X198	SLH-40TS
2"	50	45	0.5	16	16	250	150X110X220	SLH-50TS
Flange Connection	25	12	0.5	16	16	250	See Following List	SLHFT-25LS
	32	22	0.5	16	16	250		SLHFT-32LS
	40	22	0.5	16	16	250		SLHFT-40LS
	50	45	0.5	16	16	250		SLHFT-50LS

Flange Connection Selection List

Model	A	B	C	ΦD	ΦE	ΦF	ΦG	H
DN25	134	13	2	110	58	14	80	215
DN32	160	15	2	135	76	18	100	230
DN40	160	15	2	145	84	18	125	235
DN50	200	16	2	155	88	18	125	280

SLDF Series Special For The Under-Water Solenoid Valve

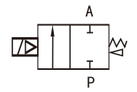
Ordering Code SLDF Series Special For The Under-Water Solenoid Valve

SLDF — 15 — AC220V

- SLDF — Type Code: SLDF:Brass SLDF-S:Stainless Steel
- 15 — Joint Size: 15:1/2" 20:3/4" 25:1" 35:1-1/4" 40:1-1/2" 50:2"
- AC220V — Standard Voltage: AC220V DC24V

65F:Flange 4 Holes,Φ 17.5 Aperture,Φ145 Pitch of Holes
80F:Flange 4 Holes,Φ17.5 Aperture,Φ160 Pitch of Holes
100F:Flange 8 Holes,Φ17.5 Aperture,Φ180 Pitch of Holes
150F:Flange 8 Holes,Φ22 Aperture,Φ240 Pitch of Holes



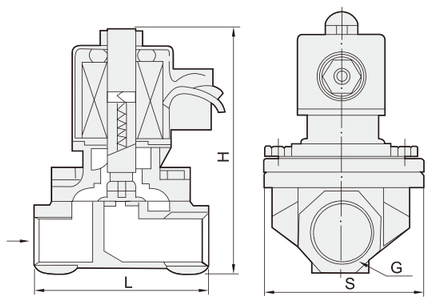


* SLDF series solenoid valve provides on-off control of fluid media on auto-control system. This series is designed for music fountain and dancing fountain.
* SLDF series is direct acting solenoid valve which utilize pressure differential to open the valve. They feature diaphragm construction, and together with rapid on-off, stable capability, easy use, and long-life. This valve has strong dirty-tight, can be used long time in river, lake, sea, and kinds of under water areas.

Specifications

Model	SLDF-15	SLDF-20	SLDF-25	SLDF-35	SLDF-40	SLDF-50
	SLDF-S-15	SLDF-S-20	SLDF-S-25	SLDF-S-35	SLDF-S-40	SLDF-S-50
Working Medium	Water					
Working Pressure	≤Φ50 0~0.6Mpa; ≥Φ65 0.06~0.5Mpa					
Working Temperature	0℃~60℃					
Ambient Temperature	-10~50℃					
Power	220V 50Hz Power:AC 25W					
Voltage Range	±10%					
Insulation Class	B Class					
Response Time	0.2S					
Service Life	20 Million Times					
Joint Size	G1/2"	G3/4"	G1"	G1-1/4"	G1-1/2"	G2"

Main Specification



Model		L (mm)	H (mm)	Joint Size(G)
SLDF-15	SLDF-S-15	69	117	1/2"
SLDF-20	SLDF-S-20	73	123.5	3/4"
SLDF-25	SLDF-S-25	99	134.5	1"
SLDF-35	SLDF-S-35	112	172	1-1/4"
SLDF-40	SLDF-S-40	123	172	1-1/2"
SLDF-50	SLDF-S-50	168	209	2"
SLDF-65F		250	260	Flange 4 Holes
SLDF-80F		270	275	Flange 4 Holes
SLDF-100F		350	310	Flange 8 Holes
SLDF-150F		450	405	Flange 8 Holes

IS09001 CE
PNEUMATIC®

VPC Series Angle Valve(Full Stainless Steel)





Ordering Code VPC Series Angle Valve(Full Stainless Steel)

VPC 10 - 40 A □ S1

- VPC — Type Code: VPC Series Angle Valve
- 10 — Joint Size: 10:3/8″ 15:1/2″ 20:3/4″ 25:1″ 35:1-1/4″ 40:1-1/2″ 50:2″ 65:2-1/2″ 80:3″ 100:4″
- 40 — Actuator Size

Orifice	Actuator	Orifice	Actuator
DN10	40, 50	DN40	63, 90
DN15	40, 50	DN50	63, 90
DN20	50, 63, 90	DN65	90, 125
DN25	50, 63, 90	DN80	125
DN32	63, 90	DN100	125

- A — Type: A:Single Acting Normal Close; B:Single Acting Normal Open; C:Double Acting Normal Close; D:Double Acting Free Installation
- □ — Mounting Type: Blank:Female Thread Type; F:With Flange Type; Q:Fast Installation Type
- S1 — Valve Body: S1:SS316; S2:SS304

Specifications

Model	VPC10~50A/B/C/D
Joint Size	DN10~DN100
Thread	G3/8″~G4″
Body Material	CF8M
Actuator Material	CF8
Armature Seal	PTFE
Pision Seal	PTFE/FKM
Control Pressure	0.3~1.0Mpa

Model	VPC10~50A/B/C/D
Working Temp.	PTFE:-10℃~180℃
Ambient Temp.	-10℃~60℃
Medium Viscidity	≤600mm²/s
Installation	Arbitrary Position
Control Medium	Air,Neutral Gas
Working Medium	Water,Neutral Gas or Liquid,Alcohol,Oil, Organic Solvent,Water Vapor,Weak Acid or Weak Base Solution

Single Acting Normal Close/Normal Open

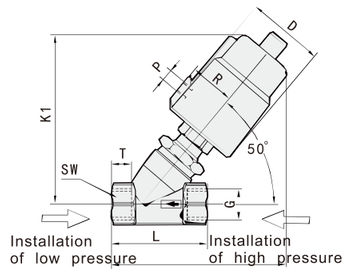
Model	Joint Size	Orifice (mm)	Actuator (mm)	Kv Value	Working Pressure (Mpa)	Normal Close (Mpa)		Normal Open (Mpa)		Model Code	
						Pressure Differential	Control Pressure	Pressure Differential	Control Pressure	Single Close	Single Open
DN10	G3/8″	13	40	4.7	1.6	0~1.6	≥0.4	-	-	VPC10-40A	VPC10-40B
DN10	G3/8″	13	50	4.7		0~1.6	≥0.3	0~1.6	0.3	VPC10-50A	VPC10-50B
DN15	G1/2″	13	40	4.7		0~1.6	≥0.4	-	-	VPC15-40A	VPC15-40B
DN15	G1/2″	13	50	4.7		0~1.6	≥0.3	0~1.6	0.3	VPC15-50A	VPC15-50B
DN20	G3/4″	18	50	9.5		0~1.6	0.3~0.4	0~1.6	0.3	VPC20-50A	VPC20-50B
DN20	G3/4″	18	63	9.5		0~1.6	0.3~0.4	0~1.6	0.3	VPC20-63A	VPC20-63B
DN25	G1″	24	50	18.1		0~1.6	0.3~0.55	-	-	VPC25-50A	VPC25-50B
DN25	G1″	24	63	18.1		0~1.6	0.3~0.35	0~1.6	0.35	VPC25-63A	VPC25-63B
DN32	G1-1/4″	31	63	23.1		0~1.6	0.3~0.5	0~1.4	0.39	VPC32-63A	VPC32-63B
DN40	G1-1/2″	35	63	32.9		0~1.6	0.3~0.6	0~1.1	0.39	VPC40-63A	VPC40-63B
DN50	G2″	45	63	52.8		0~1.0	0.3~0.65	0~0.6	0.39	VPC50-63A	VPC50-63B
DN50	G2″	45	80	52.8		0~1.6	0.3~0.65	0~1.2	0.4	VPC50-80A	VPC50-80B
DN65	G2-1/2″	61	80	90		0~1.6	0.3~0.65	0~1.2	0.4	VPC65-80A	VPC65-80B
DN80	G3″	80	100	135		0~1.0	0.35~0.6	0~0.6	0.39	VPC80-100A	VPC80-100B

Double Acting Normal Close/Normal Open

Model	Joint Size	Orifice (mm)	Actuator (mm)	Kv Value	Working Pressure (Mpa)	Pressure Differential (Mpa)	Normal Close (Mpa)		Model Code	
							Double Acting	Double Acting Free State	Double Acting N.C	Double Acting Free State
DN10	G3/8″	13	40	4.7	1.6	0~1.6	≥0.4	0~0.2	VPC10-40C	VPC10-40D
DN10	G3/8″	13	50	4.7		0~1.6	≥0.3	0~0.1	VPC10-50C	VPC10-50D
DN15	G1/2″	13	40	4.7		0~1.6	≥0.4	0~0.2	VPC15-40C	VPC15-40D
DN15	G1/2″	13	50	4.7		0~1.6	≥0.3	0~0.1	VPC15-50C	VPC15-50D
DN20	G3/4″	18	50	9.5		0~1.6	0.3~0.4	0~0.2	VPC20-50C	VPC20-50D
DN25	G1″	24	50	18.1		0~1.6	0.3~0.55	0~0.35	VPC25-50C	VPC25-50D
DN25	G1″	24	50	18.1		0~1.6	0.3~0.55	0~0.35	VPC25-50C	VPC25-50D
DN25	G1″	24	63	18.1		0~1.6	0.3~0.35	0~0.2	VPC25-63C	VPC25-63D
DN32	G1-1/4″	31	63	23.1		0~1.6	0.3~0.5	0~0.4	VPC32-63C	VPC32-63D
DN40	G1-1/2″	35	63	32.9		0~1.6	0.3~0.6	0~0.5	VPC40-63C	VPC40-63D
DN50	G2″	45	63	52.8		0~1.0	0.3~0.65	0~0.8	VPC50-63C	VPC50-63D
DN50	G2″	45	80	52.8		0~1.6	0.3~0.65	0~0.5	VPC50-80C	VPC50-80D
DN65	G2-1/2″	61	80	90		0~1.0	0.3~0.65	0~0.8	VPC63-80C	VPC63-80D
DN80	G3″	80	100	135		0~1.6	0.3~0.65	0~0.5	VPC80-100C	VPC80-100D

Main Specification

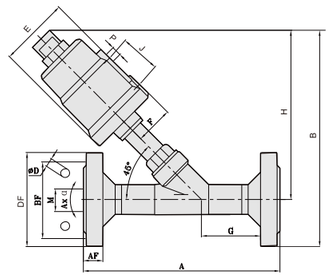
Female Thread Type



Thread Connection Mode

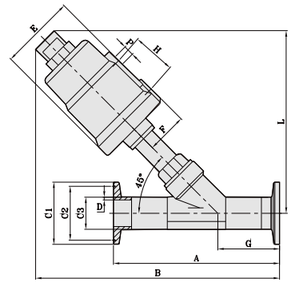
Model	Actuator (mm)	D (mm)	R (mm)	P	Thread (mm)					
					G	K1	A1	L	T	SW
DN10	40	45.5	27	G1/8″	G3/8″	115	120	68	12	26.6
DN10	50	60	35	G1/8″	G3/8″	126	133	68	12	26.6
DN15	40	45.5	27	G1/8″	G1/2″	115	120	68	15	26.6
DN15	50	60	35	G1/8″	G1/2″	126	133	68	15	26.6
DN20	50	60	35	G1/8″	G3/4″	131	137	75	16	32
DN25	50	60	35	G1/8″	G1″	140	149	90	17	39.5
DN25	63	77	43	G1/8″	G1″	165	174	90	17	39.5
DN32	63	77	43	G1/8″	G1-1/4″	175	188	116	21	50
DN32	80	98	52	G1/4″	G1-1/4″	185	203	116	21	50
DN40	63	77	43	G1/8″	G1-1/2″	178	190	116	21	55.3
DN40	80	98	52	G1/4″	G1-1/2″	187	204	116	21	55.3
DN50	63	77	43	G1/8″	G2″	184	203	138	22	70
DN50	80	98	52	G1/4″	G2″	195	218	138	22	70
DN50	100	121	63	G1/4″	G2″	215	230	138	22	70

With Flange Type



Model	Joint Size	Actuator (mm)	A	B	D	E	F	G	H	J	M	P	AF	BF	DF
DN15	1/2″	50	130	190	14	56	35	24	142	38	15	G1/8	15	65	95
DN20	3/4″	50	130	203	14	56	35	25	152	38	18	G1/8	15	75	102
DN25	1″	50	140	215	14	56	35	30	155	38	25	G1/8	15	85	114
DN25	1″	63	140	235	14	70	43	30	176	44	25	G1/8	15	85	114
DN32	1-1/4″	63	150	245	18	70	43	30	177	44	30	G1/8	17	100	133
DN40	1-1/2″	63	180	245	18	70	43	45	182	44	36	G1/8	17	110	143
DN50	2″	63	195	274	18	70	43	50	196	44	47	G1/8	17	125	158
DN50	2″	80/90	195	295	18	94	56	50	206	67	47	G1/4	17	125	158
DN65	2-1/2″	80/90	230	305	18	94	56	55	215	67	68	G1/4	18	145	180
DN80	3″	125	240	395	18	135	73	70	295	67	80	G1/4	20	160	194
DN80	4″	125	265	445	18	135	73	90	332	67	100	G1/4	20	180	215

Fast Installation Type



Model	Joint Size	Actuator (mm)	A	B	C1	C2	C3	D	E	F	G	L	H	P
DN15	1/2″	50	133	202	50.5	43.5	20.5	2	56	35	49	142	38	G1/8
DN20	3/4″	50	143	209	50.5	43.5	25.5	2.4	56	35	56.5	152	38	G1/8
DN25	1″	50	143	227	50.5	43.5	31.3	2.4	56	35	58	155	38	G1/8
DN25	1″	63	143	227	50.5	43.5	31.3	2.4	70	43	58	176	44	G1/8
DN32	1-1/4″	63	153	242	50.5	43.5	38.3	2.4	70	43	57.5	177	44	G1/8
DN40	1-1/2″	63	182	245	64	56.5	47.2	2.6	70	43	69	182	44	G1/8
DN50	2″	63	200	269	64	56.5	55.5	2.6	70	43	77.5	196	44	G1/8
DN50	2″	80/90	200	289	64	56.5	55.5	2.6	94	56	77.5	206	67	G1/4
DN65	2-1/2″	80/90	232	320	91	83.5	68	2.6	94	56	90	215	67	G1/4

VPCP Series Angle Valve(Plastic Actuator)



Ordering Code VPCP Series Angle Valve(Plastic Actuator)

VPCP — 10 — 40 — A — □ — S1

- **Type Code**: VPCP Series Angle Valve
- **Joint Size**: 10:3/8″ 15:1/2″ 20:3/4″ 25:1″ 35:1-1/4″ 40:1-1/2″ 50:2″ 65:2-1/2″ 80:3″ 100:4″
- **Actuator Size**:

Orifice	Actuator	Orifice	Actuator
DN10	40. 50	DN40	63. 90
DN15	40. 50	DN50	63. 90
DN20	50. 63. 90	DN65	90. 125
DN25	50. 63. 90	DN80	125
DN32	63. 90	DN100	125

- **Type**: A:Single Acting Normal Close; B:Single Acting Normal Open; C:Double Acting Normal Close; D:Double Acting Free Installation
- **Mounting Type**: Blank:Female Thread Type; F:With Flange Type; Q:Fast Installation Type
- **Valve Body**: S1:SS316; S2:SS304

Specifications

Model	VPCP10~50A/B/C/D
Joint Size	DN10~DN100
Thread	G3/8″~G4″
Body Material	SS316/SS304
Actuator Material	Engineering Plastics
Armature Seal	PTFE/FPM
Pision Rod Seal	PTFE/FPM
Pision Seal	NBR/FPM
Control Pressure	0.3~1.0Mpa

Model	VPCP10~50A/B/C/D
Working Temp.	PTFE:-10℃~180℃ FPM:-10℃~100℃
Ambient Temp.	-10℃~60℃
Medium Viscidity	≤600mm²/s
Installation	Arbitrary Position
Control Medium	Air,Neutral Gas
Working Pressure	0~1. 6Mpa
Working Medium	Water,Neutral Gas or Liquid,Alcohol,Oil, Organic Solvent,Water Vapor,Weak Acid or Weak Base Solution

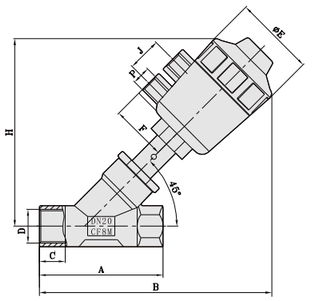
Single Acting Normal Close/Normal Open

Model	Joint Size	Orifice (mm)	Actuator (mm)	Kv Value	Working Pressure (Mpa)	Normal Close (Mpa)		Normal Open (Mpa)		Model Code	
						Pressure Differential	Control Pressure	Pressure Differential	Control Pressure	Single Close	Single Open
DN10	G3/8″	13	40	4.7	1.6	0~1.6	≥0.4	-	-	VPCP10-40A	VPCP10-40B
DN10	G3/8″	13	50	4.7		0~1.6	≥0.3	0~1.6	0.3	VPCP10-50A	VPCP10-50B
DN15	G1/2″	13	40	4.7		0~1.6	≥0.4	-	-	VPCP15-40A	VPCP15-40B
DN15	G1/2″	13	50	4.7		0~1.6	≥0.3	0~1.6	0.3	VPCP15-50A	VPCP15-50B
DN20	G3/4″	18	50	9.5		0~1.6	0.3~0.4	0~1.6	0.3	VPCP20-50A	VPCP20-50B
DN20	G3/4″	18	63	9.5		0~1.6	0.3~0.4	0~1.6	0.3	VPCP20-63A	VPCP20-63B
DN25	G1″	24	50	18.1		0~1.6	0.3~0.55	-	-	VPCP25-50A	VPCP25-50B
DN25	G1″	24	63	18.1		0~1.6	0.3~0.35	0~1.6	0.35	VPCP25-63A	VPCP25-63B
DN32	G1-1/4″	31	63	23.1		0~1.6	0.3~0.5	0~1.4	0.39	VPCP32-63A	VPCP32-63B
DN40	G1-1/2″	35	63	32.9		0~1.6	0.3~0.6	0~1.1	0.39	VPCP40-63A	VPCP40-63B
DN50	G2″	45	63	52.8		0~1.0	0.3~0.65	0~0.6	0.39	VPCP50-63A	VPCP50-63B
DN50	G2″	45	80	52.8		0~1.6	0.3~0.65	0~1.2	0.4	VPCP50-80A	VPCP50-80B
DN65	G2-1/2″	61	80	90		0~1.6	0.3~0.65	0~1.2	0.4	VPCP65-80A	VPCP65-80B
DN80	G3″	80	100	135		0~1.0	0.35~0.6	0~0.6	0.39	VPCP80-100A	VPCP80-100B

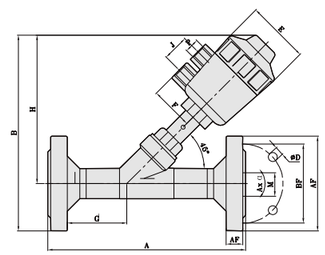
Double Acting Normal Close/Normal Open

Model	Joint Size	Orifice (mm)	Actuator (mm)	Kv Value	Working Pressure (Mpa)	Pressure Differential (Mpa)	Normal Close (Mpa)		Model Code	
							Double Acting N.C	Double Acting Free State	Double Acting N.C	Double Acting Free State
DN10	G3/8″	13	40	4.7	1.6	0~1.6	≥0.4	0~0.2	VPCP10-40C	VPCP10-40D
DN10	G3/8″	13	50	4.7		0~1.6	≥0.3	0~0.1	VPCP10-50C	VPCP10-50D
DN15	G1/2″	13	40	4.7		0~1.6	≥0.4	0~0.2	VPCP15-40C	VPCP15-40D
DN15	G1/2″	13	50	4.7		0~1.6	≥0.3	0~0.1	VPCP15-50C	VPCP15-50D
DN20	G3/4″	18	50	9.5		0~1.6	0.3~0.4	0~0.2	VPCP20-50C	VPCP20-50D
DN25	G1″	24	50	18.1		0~1.6	0.3~0.55	0~0.35	VPCP25-50C	VPCP25-50D
DN25	G1″	24	50	18.1		0~1.6	0.3~0.55	0~0.35	VPCP25-50C	VPCP25-50D
DN25	G1″	24	63	18.1		0~1.6	0.3~0.35	0~0.2	VPCP25-63C	VPCP25-63D
DN32	G1-1/4″	31	63	23.1		0~1.6	0.3~0.5	0~0.4	VPCP32-63C	VPCP32-63D
DN40	G1-1/2″	35	63	32.9		0~1.6	0.3~0.6	0~0.5	VPCP40-63C	VPCP40-63D
DN50	G2″	45	63	52.8		0~1.0	0.3~0.65	0~0.8	VPCP50-63C	VPCP50-63D
DN50	G2″	45	80	52.8		0~1.6	0.3~0.65	0~0.5	VPCP50-80C	VPCP50-80D
DN65	G2-1/2″	61	80	90		0~1.0	0.3~0.65	0~0.8	VPCP63-80C	VPCP63-80D
DN80	G3″	80	100	135		0~1.6	0.3~0.65	0~0.5	VPCP80-100C	VPCP80-100D

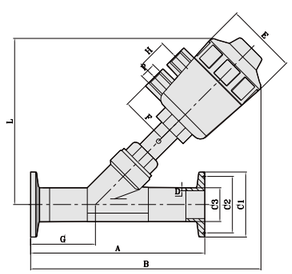
Main Specification



With Flange Type



Fast Installation Type



Model	Actuator (mm)	Orifice (mm)	D	A (mm)	B (mm)	C (mm)	H (mm)	E (mm)	P	J (mm)	F (mm)
DN10	50	13	3/8″	85	170	14	138	64	G1/4″	24	44
DN15	50	13	½″	85	170	14	138	64	G1/4″	24	44
DN20	50	20	3/4″	95	179	17	145	64	G1/4″	24	44
DN20	63	20	3/4″	95	206	17	170	79.5	G1/4″	24	44
DN25	63	25	1″	105	211	19.5	173	79.5	G1/4″	24	54
DN25	80	25	1″	105	234	19.5	195	101	G1/4″	24	54
DN32	80	32	1-1/4″	120	255	16	210	101	G1/4″	24	54
DN32	100	32	1-1/4″	120	297	16	256	125	G1/4″	24	54
DN40	80	40	1-1/2″	130	250	18	213	101	G1/4″	24	54
DN40	100	40	1-1/2″	130	301	18	260	125	G1/4″	30	54
DN50	80	50	2″	150	270	20	225	101	G1/4″	24	62
DN50	100	50	2″	150	316	20	271	125	G1/4″	30	62
DN65	80	65	2-1/2″	185	296	22	239	101	G1/4″	24	62
DN65	100	65	2-1/2″	185	344	22	287	125	G1/4″	30	62

Model	Joint Size	Actuator (mm)	A	B	D	E	F	G	H	J	M	P	AF	BF	DF
DN15	1/2″	50	130	165	14	64	44	24	115	24	15	G1/4	15	65	95
DN20	3/4″	50	130	185	14	64	44	25	131	24	18	G1/4	15	75	102
DN25	1″	50	140	195	14	64	44	30	138	24	25	G1/4	15	85	114
DN25	1″	63	140	225	14	79.5	54	30	166	24	25	G1/4	15	85	114
DN32	1-1/4″	63	150	240	18	79.5	54	30	172	24	30	G1/4	17	100	133
DN40	1-1/2″	63	180	245	18	79.5	54	45	174	24	36	G1/4	17	110	143
DN50	2″	63	195	275	18	79.5	54	50	193	24	47	G1/4	17	125	158
DN50	2″	80	195	285	18	101	62	50	202	24	47	G1/4	17	125	158
DN65	2-1/2″	80	230	300	18	101	62	55	209	24	68	G1/4	18	145	180
DN80	3″	100	240	365	18	125	71	70	268	30	80	G1/4	20	160	194
DN80	4″	125	265	420	18	158	93	90	314	30	100	G1/4	20	180	215

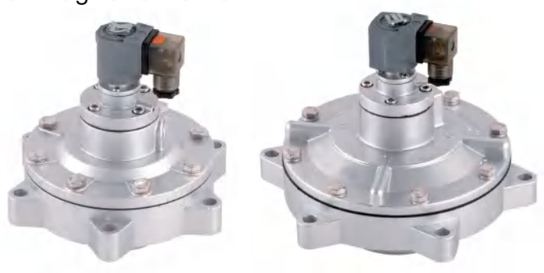
Model	Joint Size	Actuator (mm)	A	B	C1	C2	C3	D	E	F	G	L	H	P
DN15	1/2″	50	133	188	50.5	43.5	20.5	2	64	44	49	115	24	G1/4
DN20	3/4″	50	143	195	50.5	43.5	25.5	2.4	64	44	56.5	131	24	G1/4
DN25	1″	50	143	206	50.5	43.5	31.3	2.4	64	44	58	138	24	G1/4
DN25	1″	63	143	238	50.5	43.5	31.3	2.4	79.5	54	58	166	24	G1/4
DN32	1-1/4″	63	153	248	50.5	43.5	38.3	2.4	79.5	54	57.5	172	24	G1/4
DN40	1-1/2″	63	182	252	64	56.5	47.2	2.6	79.5	54	69	174	24	G1/4
DN50	2″	63	200	272	64	56.5	55.5	2.6	79.5	54	77.5	193	24	G1/4
DN50	2″	80	200	283	64	56.5	55.5	2.6	101	62	77.5	202	24	G1/4
DN65	2-1/2″	80	232	310	91	83.5	68	2.6	101	62	90	209	24	G1/4

VPCYF Series Electro-Magnetic Valve

Ordering Code VPCYF Series Electro-Magnetic Valve

VPCYF - 50 - AC220V

- VPCYF: Type Code — Electro-Magnetic Valve
- 50: Orifice — 50:50mm, 62:62mm, 76:76mm
- AC220V: Standard Voltage — AC220V, DC24V



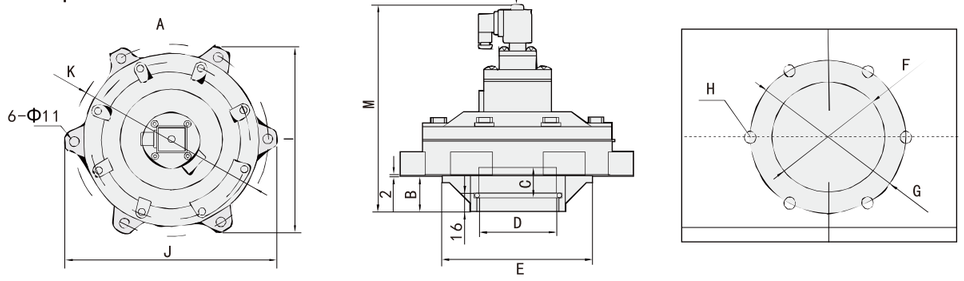
Features

* Normal close,aluminium body.
* Especially for dusty collection.
* Bigger size from 1" to 3"
* Diaphragm pilot solenoid valve,with lower working pressure.

Specifications

Model	VPCYF-50	VPCYF-62	VPCYF-76
Working Medium	Air		
Acting Type	Pilot Type(Normal Close)		
Working Pressure	0.2-0.8Mpa		
MAX.Pressure	0.9Mpa		
Working Temperature	-10~55℃		
Voltage Range	-15~10%		
Relative Humidity	≤85%		
Service Life	≥1Million		
Valve Body	Aluminum		
Seal material	NBR		
Orifice	Φ50	Φ62	Φ76
Joint Size	Φ65	Φ80	Φ99

Main Specification



Model	M	B	C	D	E	F	G	H	I	J	K
VPCYF-50	188	31	24	$\Phi 60^{-0.44}_{-0.22}$	Φ118	Φ118	Φ180	6-M10	178	202	Φ180
VPCYF-62	196	35	34	$\Phi 75^{-0.44}_{-0.22}$	Φ142	Φ142	Φ208	6-M10	202	230	Φ208
VPCYF-76	200	35	44	$\Phi 89^{-0.44}_{-0.22}$	Φ140	Φ142	Φ226	6-M10	219	249	Φ226

VPCF Series Electro-Magnetic Valve

Ordering Code VPCF Series Electro-Magnetic Valve

VPCF - 25 AC220V

- VPCF: Type Code — Electro-Magnetic Valve
- 25: Orifice — 25:25mm, 40:40mm, 50:50mm, 65:65mm, 76:76mm
- AC220V: Standard Voltage — AC220V, DC24V





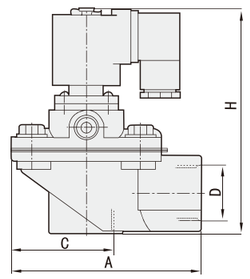
Features

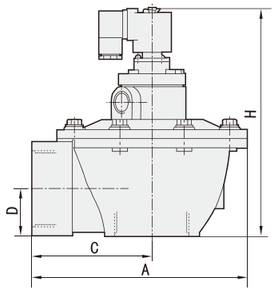
* Normal close,aluminium body.
* Especially for dusty collection.
* Bigger size form 1" to 3"
* Diaphragm pilot solenoid valve,with lower working pressure.

Specifications

Model	VPCF-25	VPCF-40	VPCF-50	VPCF-65	VPCF-76
Working Medium	Air				
Acting Type	Pilot Type(Normal Close)				
Working Pressure	0.3-0.8Mpa				
MAX.Pressure	0.9Mpa				
Working Temperature	-10~55℃				
Voltage Range	-15~10%				
Relative Humidity	≤85%				
Service Life	≥1Million				
Valve Body	Aluminum				
Seal material	NBR				
Orifice	Φ25	Φ40	Φ50	Φ65	Φ76
Joint Size	G1"	G1-1/2"	G2"	G2-1/2"	G3"

Main Specification



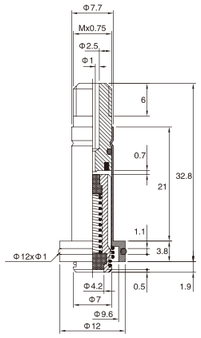


Model	H	A	C	D
VPCF-25	125	110	63	21.5
VPCF-40	170	140	78	32.5
VPCF-50	200	210	112	40
VPCF-65	225	210	115	48
VPCF-76	254	217	117	66

Armature+Connector+Coil

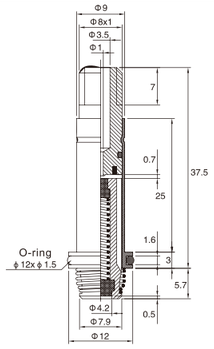
4V110-A





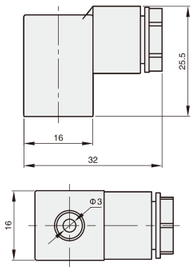
4V220-A





4V110-C





4V220-C



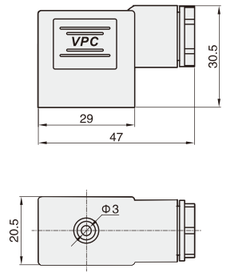


Photo	Model	For Valve	Size(mm)
	VC1-F	4V110	Orifice:Φ8mm LxWxH 22x17x23.5
	ZSC-D1	ZS10-25mm (N.C.) SLP15-50mm (N.O.)	Orifice:Φ16.3mm LxWxH 54x38.5x40
	VC1-D	4V110	Orifice:Φ8mm LxWxH 22x17x23.5
	ZSC-D2	ZS32-50mm	Orifice:Φ20.3mm H:50
	VC2-F	4V210 4V310 4V410	Orifice:Φ9.2mm H:29mm
	SLPC-H	SLP10-50 (N.O.)	Orifice:Φ16.3mm LxWxH 54x38.5x40
	VC2-D	4V210 4V310 4V410	Orifice:Φ9.2mm LxWxH 28.5x22x29
	SLP-C	SLP3-50mm	Orifice:Φ14.7mm LxWxH 38.5x29x42
	ZSC-F	ZS4-25mm	Orifice:Φ16.3mm LxWxH 54x38.5x40
	2W1-C	2W35-50 2S10-50	Orifice:Φ23mm H:55mm

Coil

Photo	Model	For Valve	Size(mm)
	2W2-C	2W6-8	Orifice:Φ14mm H:31mm
	2W3-C	2W10-25	Orifice:Φ16mm H:37mm
	PU-C	PU15-20	Orifice:Φ14mm H:42mm

Photo	Model	For Valve	Size(mm)
	VPC-C1	VPC22 VPC23 Series	Orifice:Φ12mm LxWxH 47x36x40
	VPC-C2	VPC Diaphragm type 08-25	Orifice:Φ14.5mm LxWxH 47x36x40
	VPCF-C	VPCF type pulse valve	Orifice:Φ12.3mm LxWxH 42.5x37.5x41.5

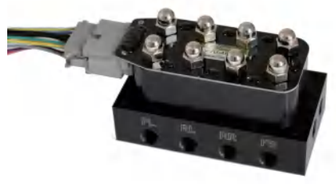
Air Suspension Valve Block



VUX-4F
G1/4" G3/8"
NPT1/4" NPT3/8"



VU-2F
G1/4" G3/8"
NPT1/4" NPT3/8"



VU-4F
G1/4" G3/8"
NPT1/4" NPT3/8"



VUX-2F
G1/4" G3/8"
NPT1/4" NPT3/8"



2W160-2F
NPT1/2"



2W160-4F
NPT1/2"

IS09001 CE
VPC PNEUMATIC®

VAT Series Pneumatic Actuators





Design and Features

Through research,development and design,VAT series pneumatic actuators incorporate the latest mechanical technology,material,and innovative ideas.The product proudly boasts the following features:

* Full conformance to the latest specification:ISO5211 DIN3337 VD\VDE3845 and NAMUR.
* The extruding high intensity aluminum body possess a honed internal surface coated with hone anode oxygenation for long life,low coefficient of friction and swift performance.
* Excellent,compact and modernized construction along with multi-specifications make the selection both economic and beneficial.
* All acting surfaces adopt high quality bearings,resulting in low friction,high cycle life and no noise.
* The two independent external travel stop adjustment bolts can easily and precisely adjust ±5 at both open and close directions.
* Same outline actuator have the functional modes of double acting and spring,and the spring return has the normal-open and normal-close styles.
* Multi-function position indicator with NUMER is convenient for mounting accessories.
* Pre-compressed load spring is convenient for safe mounting and tear down procedures.
* Die-casting aluminum pistons and end caps have high intersity and light weight.
* Different O-rings materials are available for high and low temperature.
* According to different demands we can offer Multi-travel rotations(e.g. 120 135 180)and three position actuators.
* Solenoid valves are easily mounted without any connecting plank.

Operating Conditions

Operating Media

* Dry or lubricated air,or inertia gas,which should be compatible with inside parts and lubricant of the cylinder.
* The temperature of the operating media is a minimum of -20℃
* The dimension of the impurity particle is at the largest of 30μ .If the positioner is needed,the dimension may be at the largest of 5μ.

Air Source Pressure

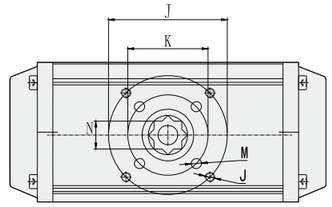
3bar to 8bar.

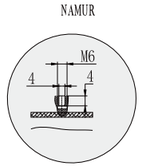
Operating Temperature

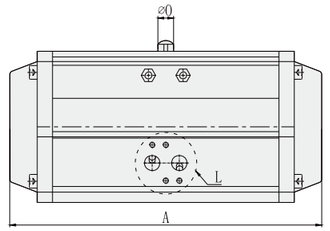
Standard:-20℃~+80℃
Low temperature:-40℃~+80℃
High temperature:-20℃~160℃

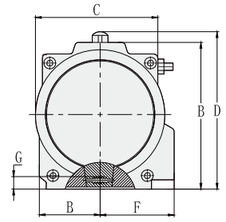
Dimension

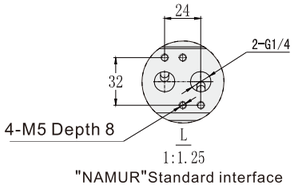
Main Specification











"NAMUR"Standard interface

Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	A120	A180	Airconnection
VAT032	110	45	45	65	22.5	23	12	50	25		F03 Φ36		M5*5	9				G1/8
VAT052	143	72	55	92	30	41	14	80	30	F05 Φ50	F03 Φ36	M6*8	M5*8	11	Φ40	158	200	G1/4
VAT063	190	88	69	108	35	45	18	80	30	F07 Φ70	F05 Φ50	M8*13	M6*10	14	Φ40	184	233	G1/4
VAT075	207	99.5	100.5	119.5	38.5	52.5		80	30	F07 Φ70	F05 Φ50	M8*10	M6*8	14	Φ40	103	243	G1/4
VAT083	213	109	88	129	46	52.5	21	80	30	F07 Φ70	F05 Φ50	M8*13	M6*10	17	Φ40	221	280	G1/4
VAT092	258	117	98.5	137	50	61	21	80	30	F07 Φ70	F05 Φ50	M8*12	M6*10	17	Φ40	280	274	G1/4
VAT105	267	133	109	153	57	64	26	80	30	F10 Φ102	F07 Φ70	M10*13	M8*10	22	Φ40	304	388	G1/4
VAT125	340	155	120.5	175	67.5	70	27.5	80	30	F10 Φ102	F07 Φ70	M10*16	M8*13	22	Φ65	365	470	G1/4
VAT140	414	171.5	132	191.5	75	76	32	80	30	F12 Φ125	F10 Φ102	M12*20	M10*15	27	Φ65	442	568	G1/4
VAT160	476	197	159.5	217	87.5	87.5	34	80	30	F12 Φ125	F10 Φ102	M12*20	M10*15	27	Φ65	507	654	G1/4
VAT190	515	230	184	260	102	102	40	130	30	F14 Φ140		M16*22		36	Φ78	575	742	G1/4
VAT210	580	255	205	285	113	113	40	130	30	F14 Φ140		M16*24		36	Φ78	642	831	G1/4
VAT240	654	290	240	320	130	130	50	130	30	F16 Φ165		M20*26		46	Φ78	739	965	G3/8(G1/2)
VAT270	725	320	269	350	147	147	50	130	30	F16 Φ165		M20*26		46	Φ78	823	1075	G1/2(G1/4)
VAT300	742	357	315	387	190	190	57	130	30	F16 Φ165		M20*26		46	Φ78			G1/2
VAT350	865	406	385	436	215	215	60	130	30	F16 Φ165		M20*26		46	Φ78			G1/2
VAT400	925	462	408	492	258	258	60	130	30	F16 Φ254		M20*28		55	Φ78			G1/2

Note:A120 and A180 separately represent the acting length of the 120 rotation travel and 180 rotation travel.