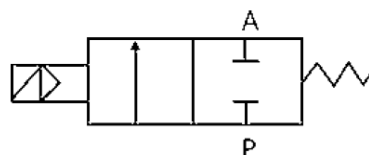


2L (US) Series Pilot Operated Steam Solenoid Valve :



Graphic Symbol

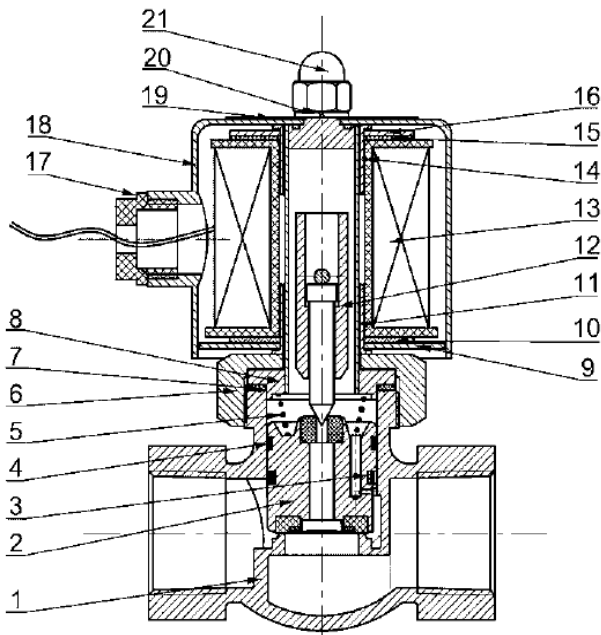
1.Ordering Code :

2L	170	-	15	-	AC110V	-	D
Solenoid Valve Type 2L(or US): Two position two way solenoid valve(steam type)							
Orifice size 160: 16mm 200: 20mm 250: 25mm 350: 35mm 400: 40mm 500: 50mm							
Connecting port size 10: 3/8"PT 15: 1/2"PT 20: 3/4"PT 25: 1"PT 35: 1 1/4"PT 40: 1 1/2"PT 50: 2"PT							
Voltage DC12V AC24V 50/60Hz AC110V 50/60Hz AC380V 50/60Hz DC24V AC36V 50/60Hz AC220V 50/60Hz							
Coil type Blank: Lead wire type D: Join connector type							

2.Characteristics:

- 1) The protection grade for this series solenoid valve is IP67.
- 2) These valves can work in a high pressure and high temperature working condition.
- 3) Pressure unit: $1\text{kgf/cm}^2=1\text{bar}=0.1\text{MPa}=100\text{KPa}=14.5\text{psi}$
- 4) The working temperature for PTFE can reach $-20^{\circ}\text{C}\sim 180^{\circ}\text{C}$.
- 5) Different thread types can be offered according to customers' requirements, e.g.: PT, NPT etc.

3.Internal Structure:

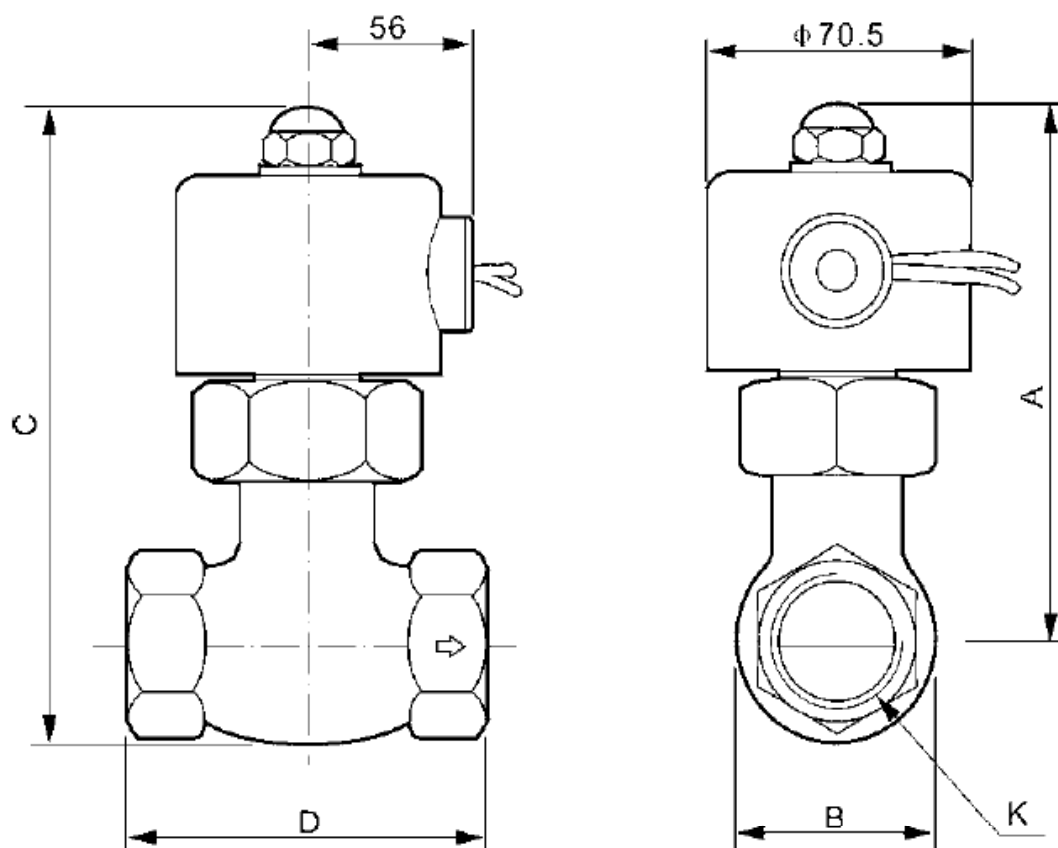


No.:	Designation	No.:	Designation
1.	Body of valve	12.	Assembly of iron core
2.	Assembly of piston	13.	Assembly of coil
3.	Spring spacer	14.	Bush
4.	Wear strip	15.	Gasket
5.	Spring	16.	Magnetic plate
6.	Nut	17.	Cord-locks
7.	O ring	18.	Iron cover
8.	Assembly of pilot head	19.	Name plate
9.	Magnetic plate	20.	Gasket
10.	Gasket	21.	Head cover nut
11.	Bush		

4.Specification:

Model	2L170-10	2L170-15	2L170-20	2L200-25	2L300-35	2L300-40	2L500-50
Applicable medium	Air, Water, Steam						
Motion pattern	Guide Type						
Normal open or close	Normal Close Type						
Working pressure	0.1~1.5 MPa						
Proof Pressure	2.25 MPa						
Temperature range	-5℃~180℃						
Port size	3/8"PT	1/2"PT	3/4"PT	1"PT	1¼"PT	1½"PT	2"PT
Orifice (mm)	17			20	30		50
CV Value	4.8			12	20		48
Available Voltage	DC12V,DC24V,AC24V,AC36V,AC110V,AC220V,AC380V						
Voltage range	±10%						
Operation fluid viscosity	≤20CST						
Material of body	Brass						
Sealing material	PTFE						

5. Overall and Dimension Sheet:



Model	A	B	C	D	K(PT)
2L170-10	127	38	148	83	3/8"
2L170-15	127	42	148	83	1/2"
2L170-20	127	48	156	83	3/4"
2L200-25	130	54	162	91	1"
2L300-35	148	76	185	111	1 ¹ / ₄ "
2L300-40	148	76	183	111	1 ¹ / ₂ "
2L500-50	171	91	216	168	2"