PU series
Two-Position Two-way Solenoid valve

VMPU

Compact and good appearance, small dimension
It can work at low pressure
Coil made from thermosetting plastic encapsulating

Ordering Code

VMPU - 225S - 10 - A - AC220V

Pu series

Specification
- 220 Brass two-position,two-way valve
- 225 Brass two-position,two-way valve
- 225S Stainless steel two-positon,two-way valve

Connection port
- 06 1/8"
- 08 1/4"
- 10 3/8"
- 15 1/2"
- 20 3/4"
- 25 1"
- 35 $1\frac{1}{4}$"
- 40 $1\frac{1}{2}$"
- 50 2"

Installing form
- A standard
- F flange form

Standard voltage
- DC12V
- DC24V
- AC24V
- AC36V
- AC110V
- AC220V
- AC380V

Parameters

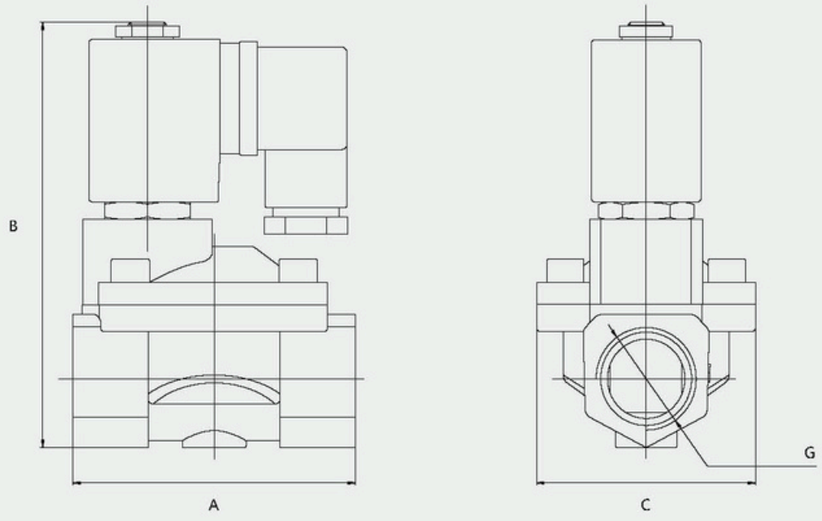
Model	Media	Working type	Pattern	Orifice (mm)	Cv Value	Connection ports	Medium viscosity	Working pressure	Max. pressure	Rated voltage	Power	Working temp
VMPU225-10A	Air Water Oil	Direct Action / Pilot Type	Normally close	13	4.5	3/8"	< 50CST	0.5 ~10bar	12bar	DC12-24V AC24V-380V ±10%	DC22W AC27VA	-5 ~ 80℃
VMPU225-15A				13	4.5	1/2"						
VMPU225-20A				25	12	3/4"						
VMPU225-25A				25	12	1"						
VMPU225-35A				38	22	$1\frac{1}{4}$"						
VMPU225-40A				38	30	$1\frac{1}{2}$"						
VMPU225-50A				50	48	2"						

Overall Dimension

Speciality

- Compact and good appearance, small dimension
- Direct acting, diaphragm structure, it can work at low pressure
- Coil made from thermosetting plastic encapsulating, the protection class IP65,the temperature class can reach H Class.

Overall Dimension

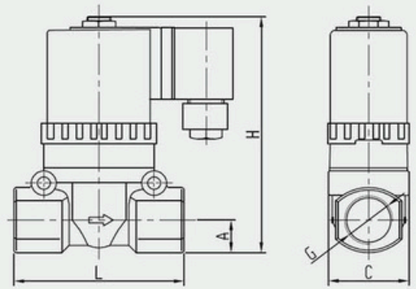


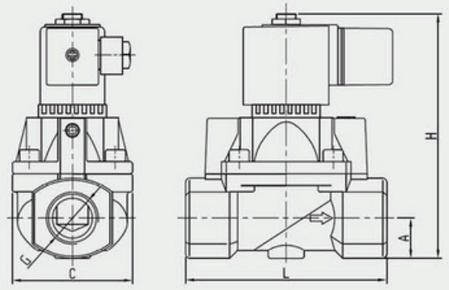
Model	A	B	C	G
VMPU225-10A	66.5	106.5	48.0	G3/8"
VMPU225-15A	66.5	106.5	48.0	G1/2"
VMPU225-20A	96.0	126.0	70.0	G3/4"
VMPU225-25A	96.0	126.0	70.0	G1"
VMPU225-35A	131.0	145.5	96.0	G$1\frac{1}{4}$"
VMPU225-40A	131.0	145.5	96.0	G$1\frac{1}{2}$"
VMPU225-50A	160	160.0	112.0	G2"

Specification

Model	Orifice	Connection ports	Working pressure	Ambient Temp.	Medium Temp.	Kv value (m3/h)	Power consumption		Response Frequency	Voltage
							AC(VA)	DC(W)		
VMSB116-41308	13mm	G1/4"	0.1 ~1.6MPa	-20~+55℃	-10~180℃	3.6	20	13	≥ 1Hz	DC12V DC24V AC24V AC36V AC110V AC220V AC380V ±10%
VMSB116-41310	13mm	G3/8"				3.6	20	13	≥ 1Hz	
VMSB116-41315	13mm	G1/2"				3.6	20	13	≥ 1Hz	
VMSB116-41320	25mm	G3/4"				11	20	13	≥ 0.5Hz	
VMSB116-41325	25mm	G1"				11	20	13	≥ 0.5Hz	

Overall Dimension



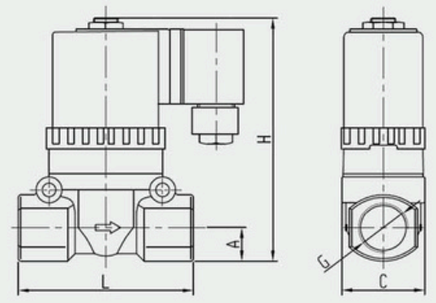


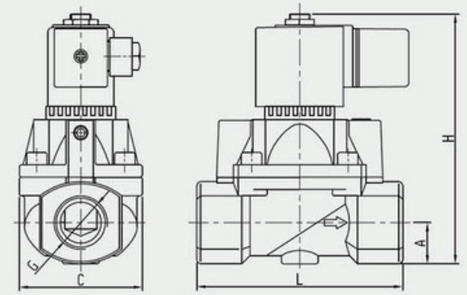
Model	G	K	L	B	A
VMSB116-41308	G1/4"	33.5	72	98	13
VMSB116-41310	G3/8"	33.5	72	98	13
VMSB116-41315	G1/2"	33.5	72	98	13
VMSB116-41320	G3/4"	60	100	120	20
VMSB116-41325	G1"	60	100	120	20

Specification

Model	Orifice	Connection ports	Working pressure	Ambient Temp.	Medium Temp.	Kv value (m3/h)	Power consumption		Response Frequency	Voltage
							AC(VA)	DC(W)		
VMSB116-51308	13mm	G1/4"	0.1 ~4.0MPa	-20~+55℃	0~+90℃	2.52	20	13	≥ 1Hz	DC12V DC24V AC24V AC36V AC110V AC220V AC380V ±10%
VMSB116-51310	13mm	G3/8"				2.52	20	13	≥ 1Hz	
VMSB116-51315	13mm	G1/2"				2.52	20	13	≥ 1Hz	
VMSB116-52520	25mm	G3/4"				5.0	20	13	≥ 0.5Hz	
VMSB116-52525	25mm	G1"				8.5	20	13	≥ 0.5Hz	

Overall Dimension





Model	G	K	L	B	A
VMSB116-51308	G1/4"	33.5	72	85	13
VMSB116-51310	G3/8"	33.5	72	85	13
VMSB116-51315	G1/2"	33.5	72	85	13
VMSB116-52520	G3/4"	60	100	120	20
VMSB116-52525	G1"	60	100	120	20

Two-position Two-way Solenoid valve

VM2L

Ordering Code

VM2L - 170 - 15 - □

Steam Valve	Orifice	Connection port	Standard Voltage
	170 17mm	10 3/8"	AC110V
	200 20mm	15 1/2"	AC220V
	300 30mm	20 3/4"	AC380V
	500 50mm	25 1"	
		35 1 1/4"	
		40 1 1/2"	
		50 2"	

Parameters

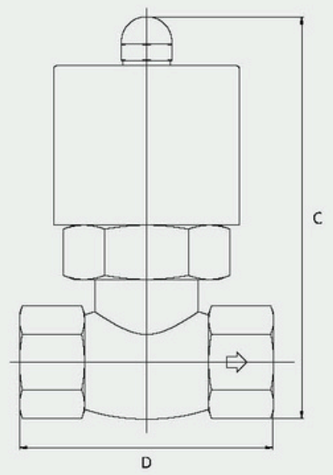
Model	Media	Working type	Pattern	Orifice (mm)	Cv Value	Connection ports	Fluid viscosity	Working pressure (MPa)	Max. pressure (MPa)	Working temp (℃)	Rated voltage	Power	Valve body material	Seal material
VM2L170-10	Air Water Oil	Piston Type	Normally close	17	4.8	3/8"	< 20CST	0.1~1.5	2.5	-5-180	DC12-24V AC24V-380V ±10%	DC40W AC50VA	Brass	PTFE
VM2L170-15				17	4.8	1/2"								
VM2L170-20				17	4.8	3/4"								
VM2L200-25				22	12	1"								
VM2L300-35				30	20	1 1/4"								
VM2L300-40				30	20	1 1/2"								
VM2L500-50				50	48	2"								

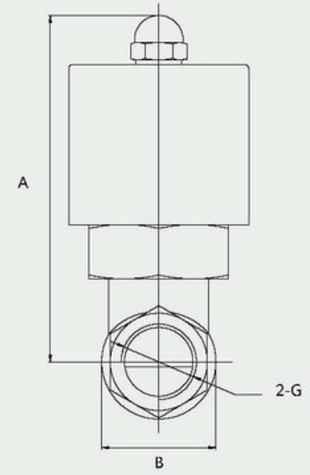
Overall Dimension

Speciality

- Using PTFE sealing, it is suitable for high temperature fluid flow.
- Top-centre structure, automatic sealing compensation extended the service life of valve
- Solenoid magnetic field design can make this valve reach higher pressure
- The balance of piston gap design enhance the reliable of valve in high temperature.

Overall Dimension





Model	A	B	C	D	G
VM2L170-10	125	42	146	82	3/8"
VM2L170-15	125	42	146	82	1/2"
VM2L170-20	125	42	146	82	3/4"
VM2L200-25	136	52	162	90.5	1"
VM2L300-35	148	74	185	111	1 1/4"
VM2L300-40	148	74	185	111	1 1/2"
VM2L500-50	176	94.5	223	163	2"

Two-Position Two-Way Solenoid Valve

VMR2W/S (Large Orifice)

Various material for you chose,
Reasonable design , Reliable quality

Ordering Code

VMR	-	2W	-	160	-	15	-	K	-	□	-	□
RFS product		Valve body **2W** Brass **2S** stainless steel		Orifice **160** 16mm **200** 20mm **250** 25mm **350** 35mm **400** 40mm **500** 50mm		Connection port **10**（**15**） 3/8" 1/2" **20** 3/4" **25** 1" **35** 1 1/4" **40** 1 1/2" **50** 2"		Initial state **Blank** normal close **K** normal open		Standard voltage **DC12V** **DC24V** **AC24V** **AC36V** **AC110V** **AC220V**		Seal code **Blank** NBR **H** VITON **E** EPDM

Parameters

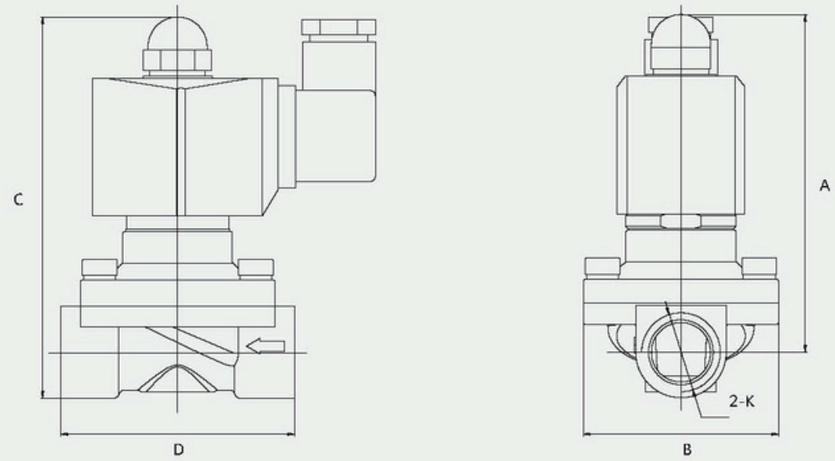
Model	Media	Working type	Pattern	Orifice (mm)	Cv Value	Connection ports	Fluid viscosity	Working pressure (MPa)	Max. pressure (MPa)	Working temp (℃)	Rated voltage	Power	Valve body material	Seal material
VMR2W160-10	Air Water Oil	Direct action	Normally close	16	4.8	3/8"	< 20CST	0-0.7	1.0	-5-80	DC12-24V AC24V-380V ±10%	DC23.4W AC26VA	Brass Stainless steel	NBR EPDM VITON
VMR2W160-15				16	4.8	1/2"								
VMR2W200-20				20	7.6	3/4"								
VMR2W250-25				25	12	1"								
VMR2W350-35				35	24	1 1/4"								
VMR2W400-40				40	29	1 1/2"						DC40W AC50VA		
VMR2W500-50				50	48	2"								

Overall Dimension

Speciality

- Direct acting, diaphragm structure, can be work at zero pressure,
  expanding the using area.
- Plate diaphragm structure, high reliability, long life.
- Valve body can be made from brass, stainless steel.
- plastic encapsulating coil , be able to use under numerous environment.

Overall Dimension



Model	A	B	C	D	K
VMR2W160-10	97	57	110	66	G3/8
VMR2W160-15	97	57	110	66	G1/2
VMR2W200-20	106	57	115	70	G3/4
VMR2W250-25	106	73	122	99	G1
VMR2W350-35	136	90.5	167	124	G1-1/4
VMR2W400-40	136	90.5	167	124	G1-1/2
VMR2W500-50	151	124	186	164	G2