

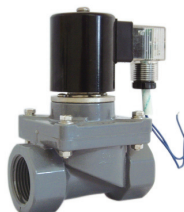
UPVC,CPVC SERIES SOLENOID VALVE



2W15ZP
2W15ZC



2W20ZP
2W20ZC



2W25ZP
2W25ZC



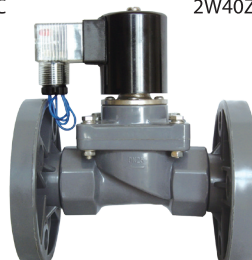
2W40ZP
2W40ZC



2W15ZPF (Flange)
2W15ZCF (Flange)



2W20ZPF (Flange)
2W20ZCF (Flange)



2W25ZPF (Flange)
2W25ZCF (Flange)



2W40ZPF (Flange)
2W40ZCF (Flange)

UPVC Material Introduction

UPVC is a kind of stiff PVC, which has strong properties of strong force, abrasion resistant, flammability and electrical insulation. It is suitable for the general corrosive fluid.

Unique Structure

- ✓ Fluid and metal parts (armature, spring) have no direct contact, which is anti-corrosive absolutely from structure.
- ✓ The unique patented design piston to replace the membrane sheets, which increase the shelf life greatly.
- ✓ Oversize piloted orifice with short and straight path, which is not easy to be jammed by the particles, sediment and crystallized substance (such as sediment, crystal substance of brine etc).
- ✓ Push-in type sealing structure, more reliable sealing properties.

Advantage

- ✓ Zero leakage.
- ✓ Nominal flow orifice diameter.
- ✓ Anti-jamming design for particles and sediments. It is suitable to be used in the field of wastewater treatment, irrigation, ocean water treatment and marine culture. It has special advantage on the industry fluid such as acid, alkali and phosphoric acid easy to be crystallized.
- ✓ All UPVC material and sealing material has passed the certification of NSF, which is suitable for the drinking water industry standard.

CPVC Material Introduction

CPVC is the modified products of PVC resin, which is a kind of new resin by the chlorination process. Comparing to the traditional PVC resin, the CPVC has better chemical stabilities and the anti-corrosion properties are improved, it has better performance in the working condition with high heat, acid, alkali, salt and oxidant. The max. working temperature up to 110°C, the regular working temperature is 95°C. CPVC is a kind of new engineering material with wide application.

Unique Structure

- ✓ Fluid and metal parts (plunger, spring) have no direct contact, which is anti-corrosive structure absolutely.
- ✓ The unique patented design piston to replace the membrane sheets, the shelf life increased greatly.
- ✓ Oversize piloted orifice with short and straight path, which is not easy to be jammed by the particles, sediment and crystallized substance (such as sediment, crystal substance of brine etc).
- ✓ Push-in type sealing structure, more reliable sealing properties.

Advantage

- ✓ Zero leakage.
- ✓ Nominal flow orifice diameter.
- ✓ Can be used in the pipeline of hot wastewater, electroplating solution, hot chemicals, chloralkali plant.
- ✓ All CPVC material and sealing material has passed the certification of NSF, which is suitable for the drinking water industry standard.

Ordering Code

2W - 25 - Z - P - B - F - AC220 - Z

Specification
Code
2W: 2/2 Way

Port Size

Injection
type

Material
P: UPVC
C: CPVC

B: Explosion-proof
Blank: Non Explosion-proof
NO: Normal Open

F: Flange
Z: Bonding
Blank: Screw thread

Voltage

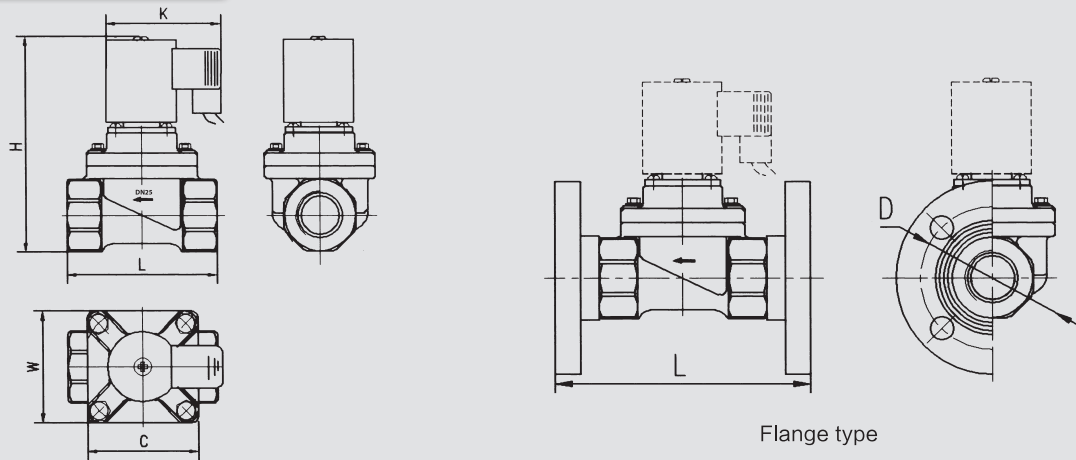
Z: Direct Acting
Blank: Pilot Operated

UPVC, CPVC SERIES SOLENOID VALVE

Technical Specification

Model		2W15ZP / ZC	2W20ZP / ZC	2W25ZP / ZC	2W32ZP / ZC	2W40ZP / ZC	2W50ZP / ZC
Orifice (mm)		15	20	25	32	40	50
CV Value		4	5.5	13	17	25	40
Connection Port		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Fluid Medium		Weak acid & alkali (gas, liquid)					
Working Temperature		Max.+50°C					
Pressure Difference		0.01~0.6MPa			Direct Acting : 0~2mH ₂ O		
Seal		EPDM, FKM					
Voltage	AC220V	15W			Start : 200W Keep : 5W		Start : 350W Keep : 10W
	DC24V	16W			28W		Start : 75W Keep : 25W

Overall Dimension



Dimension Sheet

Model	Connection Port	Overall Dimension (mm)					
		L	H	W	C	K	D
2W15ZP / ZC	G1/2	74	132	63.5	63.5	92	Φ64
	Flange	108					
2W20ZP / ZC	G3/4	80	137	63.5	63.5	92	Φ75
	Flange	125					
2W25ZP / ZC	G1	100	147	74	74	92	Φ85
	Flange	152					
2W32ZP / ZC	G1 1/4	120	171	94	94	94	Φ100
	Flange	183					
2W40ZP / ZC	G1 1/2	130	180	94	94	94	Φ110
	Flange	201					
2W50ZP / ZC	G2	172	225	155	155	94	Φ125
	Flange	250					