

# ZCF Series 2/2 Solenoid Valve(Normal Close)

## PTFE VALVE



ZCF15



ZCF25



ZCF32



ZCF25BF

### Feature of Valve Material

- ✓ Material of valve body, cap, core and pole: brand new PTFE resin.
- ✓ Sealing material: high tech sealing part, anti-corrosion for strong acid, strong alkali, strong oxidant and organic solvent.
- ✓ The unique patent design piston to replace the membrane sheets.
- ✓ Fluid and matel parts (pluger,spring) have no direct contact, that means the fluid only contact with the plastics parts such as CPVC, PTFE, O-ring, which is anti-corrosive absolutely .
- ✓ Push-in tyoe sealing structure,more reliable sealing properties.

### Outstanding Chemicals Resistance

- ✓ PTFE is always stable almost for any chemicals such as strong acid (98% H<sub>2</sub>SO<sub>4</sub>), HNO<sub>3</sub>, HCL and its weights and performance has no any change even if it is boiled in the aqua fortis.
- ✓ PTFE has the properties of no damping and FR as well as it is also stable for oxidant and UV light, therefore it is climate resistance, anti-oxidant, anti-stain and fragilization resistance.
- ✓ No pollution, no toxic, no odor, high purities and chemical inerthness, it will have no any effect on the fluid medium.
- ✓ Wide Temperature application range: -50°C~+200°C

### Technical Specification

Model		ZCF15	ZCF20	ZCF25	ZCF32	ZCF40	ZCF50	ZCF65
Orifice (mm)		15	20	25	32	40	50	60
CV Value		4	5.5	13	17	25	40	62
Connection Port		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"
Fluid Medium		Acid & alkali (gas, liquid)						
Working Temperature		Max.+180°C						
working Pressure		0.01~0.6(MPa)						
Compressive Strength		1.0(MPa)						
Seal		FKM、 VITON						
Voltage	AC220V	15W			Start : 200W Keep : 5W		Start : 350W Keep : 10W	
	DC24V	16W			28W		Start : 75W Keep : 25W	