

PTFE MATERIAL SOLENOID 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 metal 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 type sealing structure, more reliable sealing properties.

Outstanding Chemicals Resistance

- ✓ PTFE is always stable almost for any chemicals such as strong acid (98% H₂SO₄), HNO₃, 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 inertness, it will have no any effect on the fluid medium.
- ✓ Wide Temperature application range: -50°C~+200°C.

Technical Specification

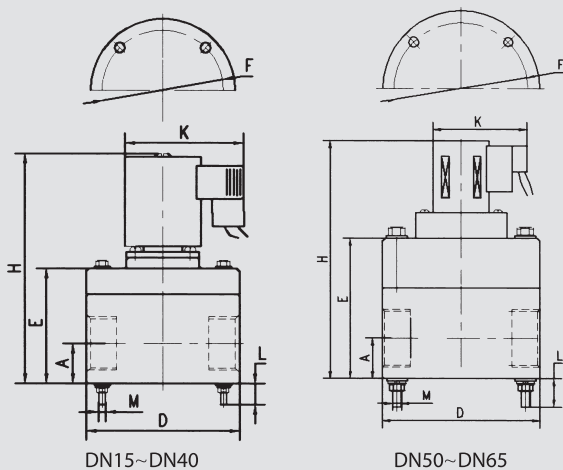
Model		ZCF15	ZCF20	ZCF25	ZCF32	ZCF40	ZCF50	ZCF65
Orifice (mm)		15	20	25	32	40	50	60
CV Value		4	5.5	13	17	25	40	62
Connection Port		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"
Fluid Medium		Acid & alkali (gas, liquid)						
Working Temperature		Max.+180℃						
Pressure Difference		0.01~0.6MPa			Direct Acting：0~2mH ₂ O			
Seal		FKM、VITON						
Voltage	AC220V	15W			Start：200W Keep：5W		Start：350W Keep：10W	
	DC24V	16W			28W		Start：75W Keep：25W	

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Ordering Code

ZCF	-	25	-	B	-	F	-	Z	-	AC220
PTFE Material		Port Size		B : Explosion-proof Blank : Non Explosion-proof NO : Normal Open		F : Flange Blank : Thread		Z : Direct Acting Blank : Pilot Operated		Voltage

Overall Dimension

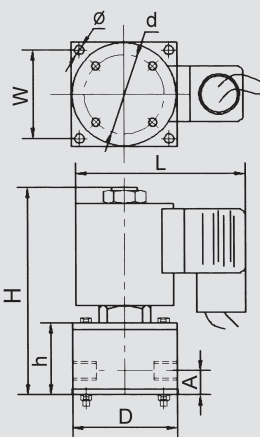


Dimension Sheet

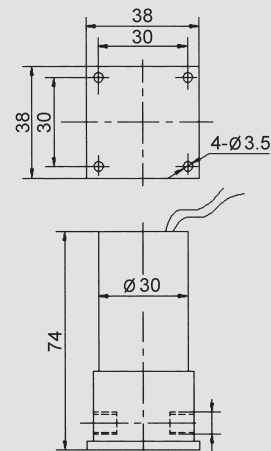
Model	Overall Dimension (mm)							
	D	H	E	A	M	L	K	F
ZCF15	Φ70	127	56.5	18.5	M5	14	92	Φ58
ZCF20	Φ80	136	70.5	20	M6	10	92	Φ67
ZCF25	Φ95	145	78	25	M6	12	92	Φ75
ZCF32	Φ120	200	110	31	M8	20	94	Φ98
ZCF40	Φ130	220	113	33.5	M8	18	94	Φ106
ZCF50	Φ150	249	140	43	M10	20	94	Φ116
ZCF65	Φ180	262	152	49	M10	25	94	Φ116

Dimension

ZCF(1.2~6)J1



ZCF3MS



Dimension Sheet

Model	Port Size	Connection	H mm	H mm	A mm	D mm	D mm	L mm	Φ mm	M
ZCF(1.2~6)J1	1.2~6	G1/4"	88	34	12.5	Φ44.5	Φ34	72	Φ4.5	M4
ZCF8BZ	8	G3/8"	88	31.5	10	Φ50	Φ34	72	Without manifold	M4
ZCF10BZ	10	G3/8"	88	31.5	10	Φ50	Φ34	72	Without manifold	M4