

DF (ZCS) series liquid solenoid valve

Internal structure & profile size figure



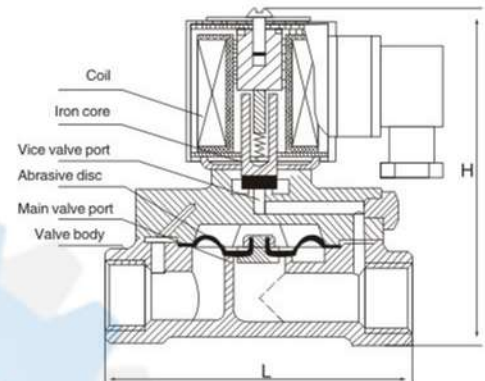
DF-15K



DF-50



DF-100FS



Product features

- Suitable medium: liquid, gas, oil ($\leq 20\text{CST}$)
- Medium temp.: $-5^{\circ}\text{C} - 80^{\circ}\text{C}$
- Action type: pilot operated type
- Working pressure: normally closed: 0.5 ~ 16 bar
normally open: 0.5 ~ 10 bar
- Valve body material: brass (forged), cast iron
- Diaphragm sealing: material: NBR
- Coil Protection level: Plastic coil IP65, iron clad coil IP54

Applications

- Applicable to building control, HVAC, water factory, electricity factory, water conservancy project, environmental protection water treatment, solar equipment, petrochemical industry etc.

Structure features

- Pilot operated diaphragm structure with good sealing
- Low requirement for medium clearness, high generality, need to work under certain pressure differential.
- If the medium contains impurity, a filter should be installed before the valve. (strainer $\geq 80\text{mesh}/\text{cm}^2$)

Technology data

Model	Connecting Method	Diameter	Cv value	Length (mm)	Height (mm)	Valve body material	Working pressure (pressure differential)	Rated voltage
DF-15	G1/2"	15	4	85	115	Brass	Normally closed: 0.5-16 bar Normally open: 0.5-10 bar	220VAC/50HZ 110VAC/50HZ 22VA-70VA DC24 DC12 16W-50W Tolerance: $\pm 10\%$ Other voltage can be customized
DF-20	G3/4"	20	7	90	120			
DF-25	G1"	25	11	110	130			
DF-32	G1 1/4"	40	20	140	145			
DF-40	G1 1/2"	40	24	140	145			
DF-50	G2"	50	40	177	165			
DF-40F	4- $\phi 17.5$ aperture $\phi 110$	40	24	165	205			
DF-50F	4- $\phi 17.5$ aperture $\phi 125$	50	35	200	225			
DF-65F	4- $\phi 17.5$ aperture $\phi 145$	65	50	256	270			
DF-80F	4- $\phi 17.5$ aperture $\phi 160$	80	80	275	290			
DF-100F	8- $\phi 17.5$ aperture $\phi 180$	100	125	350	305	Cast iron		
DF-125F	8- $\phi 17.5$ aperture $\phi 210$	125	220	400	400			
DF-150F	8- $\phi 22$ aperture $\phi 240$	150	280	450	440			
DF-65FS	4- $\phi 17.5$ aperture $\phi 145$	65	50	250	260			
DF-80FS	4- $\phi 17.5$ aperture $\phi 160$	80	80	275	280			
DF-100FS	8- $\phi 17.5$ aperture $\phi 180$	100	125	340	305	SS 304		