

Fan coil electric two-way valve YM-D2/D3



Product Features

- 1. High-end breaking force can effectively ensure that the valve closes tightly, synthetic rubber gasket, no air bubbles when closing.
- 2.The driver is separated from the valve body, can be quickly disassembled, can easily replace the accessories.
- 3. Built-in return spring, valve spool structure optimisation, without reducing the kv value of the case allows a large differential pressure.
- 4. Valve body brass forging, stainless steel stem and spring and spring, small size and corrosion resistance.

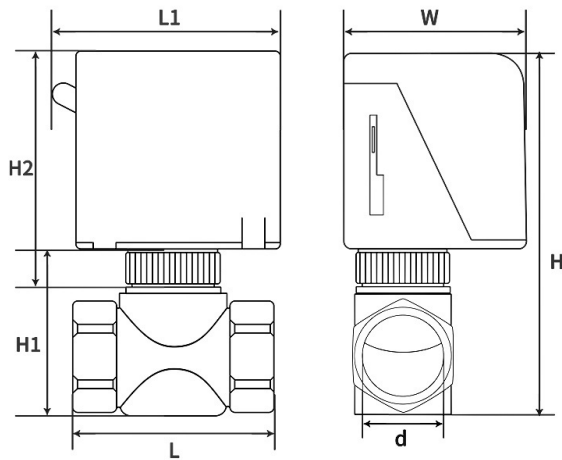
Parameter & Dimension (mm)

Actuator parameters	
Operation model	Switching
Motor Type	hysteresis synchronous motor
Electrical Specifications	AC24V AC110V AC220V (50/60Hz)
Power consumption	2VA
Active force	5Nm
Travel time	10s
Total travelling time	5s
Protection level	IP40
Ambient temperature	Operating: 0℃~60℃ Storage: -20℃~65℃
Max. relative temperature	non-condensing

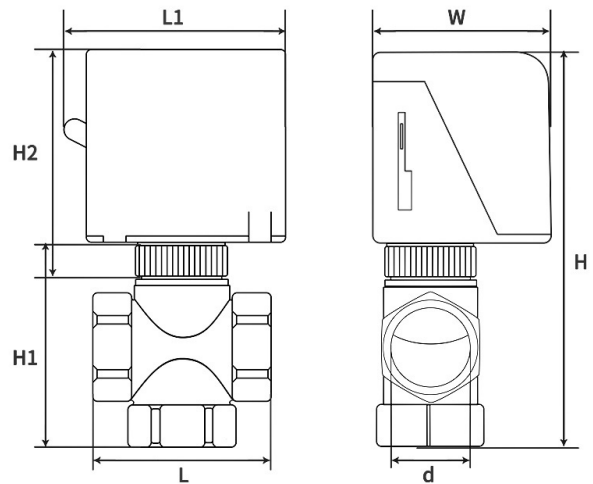
Valve body parameters	
Valve Body	One piece of brass.
Valve core	Brass
Sealed butterfly	EPDM
Sealing ring	FKM
Valve stem	316 round ground stainless steel
Spring	Stainless steel



Model	Type	Caliber	KV value	Closing pressure difference(MPa)	Medium	Temperature	Pressure(MPa)
YM-D2-20	Normally closed two-way valves	3/4"	3.5	0.25	Refrigeration/hot water	2~94°C	2.5
YM-D3-20	Mixing 3-way valve	3/4"	3.5	0.25			
YM-D2-25	Normally closed two-way valves	1"	4.0	0.1			
YM-D3-25	Mixing 3-way valve	1"	4.0	0.1			



YM-D2 2-way



YM-D3 3-way

Valve body					Actuator			
Connection	Caliber	d	L	H1	H2	L1	W	H
2-way	DN20	25	59	68	73	90	65	119
	DN25	31	72	75	73	90	65	126
3-way	DN20	25	66	87	73	90	65	139
	DN25	31	71	89	73	90	65	140