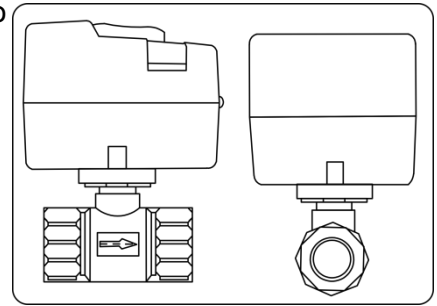


Energy-saving electric ball valve

Energy-saving electric ball valve replaces traditional electric two way valve, which is used for water control of air-conditioner terminal. Matching high efficiency and energy saving controller, and Rotating the ball valve switch to the location of the control signal, to achieve the best adjustment of hot and cold water, and the goal of comfort and energy-saving. The seal seat of ball valve uses high lubrication and abrasion resistance PTFE material which has high closing pressure and good leak-tightness.

Actuator has the function of manual adjustment which is convenient for on-site operation.



Actuator Parameters

Torque: ≥4Nm

Running Time: 45S (50Hz/90°)

Rated Voltage: 220V AC

Control Signal: Switching Signal

Protection Class: IP54

Dimensions and technical parameters of the valve body

Valve Size	Dimension (mm)				Flow coefficient KvS	Turn-off differential pressure (MPa)	Valve bearing (MPa)
	Thread	L	H	M			
DN20	3/4"	68	32	35	6.3	0.6	2.5
DN25	1"	84	37	44	10		

Valve Body Material and Parameters

Valve Body: Nickel plated brass

Valve Ball: Cast Stainless Steel

Valve Shaft: Nickel plated brass

Valve Seat: PTFE

Valve Seal: NBR

Valve body Pressure: 20bar

Working Medium: Cold/Hot water, 50% Ethylene glycol

Medium Temperature: -20 ~ 95

Power	Rotation angle
1-2	0°
2-3	90°

