



YM-BVM... Series Electric Brass Ball Valves



Product Overview

Motorized ball valves are mainly used for on-off control in HVAC, central heating and water supply systems. It consists of an actuator and valve body. The actuator is driven by a synchronous motor, featuring low noise and stable operation. Built-in limit switches cut off power automatically when the valve is fully open or fully closed. The valve body is forged brass with sandblasted surface finish.

Product Parameter

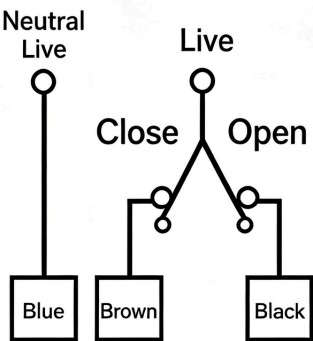
Motor Type	Synchronous Motor
Operating Time	25s
Power Cord Length	300mm
Connection	G Thread
Close-off Pressure Differential	≤0.6MPa
Nominal Pressure	PN16~PN20
Medium Temperature	2~95℃
Power Consumption	6W (only when valve is opening)
Applicable Medium	Cold water, hot water or 50% ethanol solution
Electrical Spec	(50/60Hz) 24VAC / 220VAC

Product Type

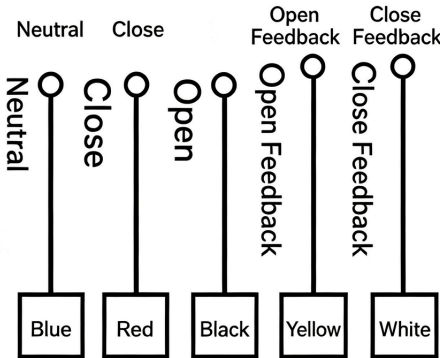
- 1. Control Mode: 3-wire 2-position control
Driven by bidirectional synchronous motor. Separate power supply for opening and closing circuits. The actuator cuts off power automatically once fully opened or fully closed.
- 2. Control Mode: 3-wire 2-position control with feedback
Driven by bidirectional synchronous motor. Separate power supply for opening and closing circuits. The actuator cuts off power automatically once fully opened or fully closed. Voltage feedback signal will be generated when fully open/closed.

Wiring Diagram

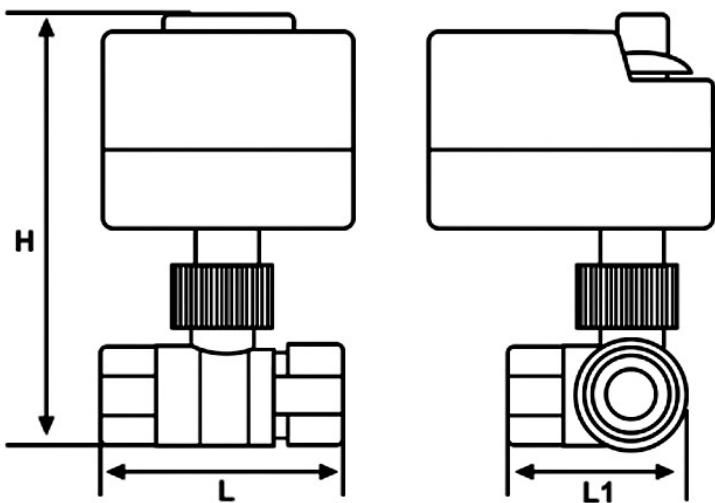
3-Wire 2-Position Wiring Diagram



3-Wire 2-Position with Feedback Wiring Diagram



Dimensions (mm)



Product Specification	Caliber	Dimensions (mm)			Kv value MPa
		H	L	L1	
2-way	DN15	110	54	-	11
	DN20	114	62	-	20
	DN25	120	65	-	60
	DN32	125	75	-	80
	DN40	130	95	-	110
3-way	DN15	106	54	43	11
	DN20	115	70	56	20
	DN25	120	83	63	60