EM-FLOW ENVIRONMENTAL TECHNOLOGY CO., LTD.

MOTORIZED BALL VALVE

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www.emflow.tw

Product overview

Series motorized ball valve are suitable for on-off control of normal temperature water system. The driver is a de motor with a built-in limit contactor, which can make the valve fully open or fully closed when the power is off. The valve body is brass cast or stainless steel.

Product features

- Certain size, simple structure, easy to operate.
- Light weight, small installation space.
- Valves can be quickly opened and closed
- It has low flow resistance

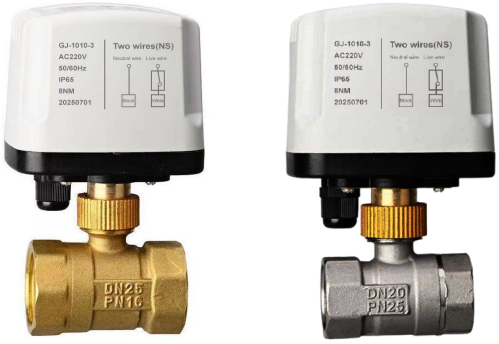
Drive parameters

The motor type	DC motor	The power cord length	300mm
The action time	5/15 seconds	The connection method	Pipe thread G
Shut down the differential	≤0.6Mpa	Nominal pressure	Pn16
Medium temperature	12~95°C	Voltage specification	DC9V-30V / AC110V-220V
Power consumption	50/60hz 4W(when valve is open only)		
Applicable medium	Cold, hot water or 50% ethanol solution		
Valve body sealing materia	Gasket material polytetrafluoroethylene/ PTFE		

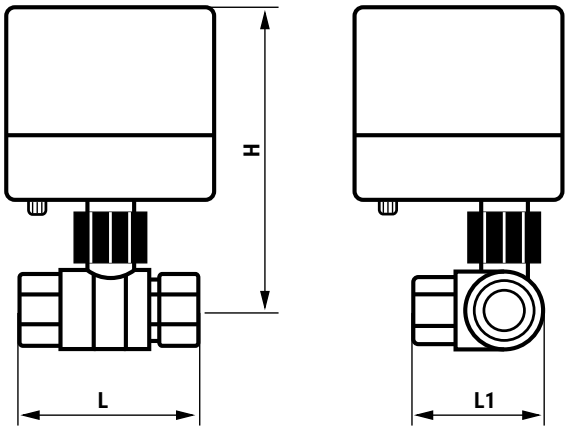
Body parameters

Product specification	Size	Dimension			Ball bore diameter	Weight
		H	L	L1		
Two-way	DN15	127	51		12	0.48
	DN20	135	58		18	0.55
	DN25	140	65		23	0.64
	DN32	152	76		27	0.87
	DN40	157	85		32	0.95
	DN50	170	96		40	1.36
Three-way	DN15	127	56	43	10	0.54
	DN20	136	68	53	15	0.67
	DN25	141	78	61	17	0.83
	DN32	159	98	76	24	1.3
	DN40	173	120	94	31	2.3

Photos shown



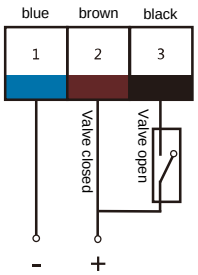
Selection of instructions



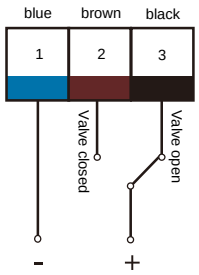
The product type

Product model	The control mode	Works
GX	Three-wire control normally open, often closed	The driver is a dc motor drive, fire and zero-wire circuit direct supply, normally open or normally closed circuit Controlled, automatic power off in the drive when the valve is opened or closed.
GY	Three line two	The driver is driven by a dc motor, the open or close valve circuit is supplied separately, and the open or close valve is in place Automatically power off inside the drive.
GJ	Two line a control often open, often closed	The driver is driven by dc motor, normally open or normally dose circuit controlled, open or close the valve when the valve is in place When the external circuit is cut off, the internal capacitor discharges, making the valve close or open.
GH	Three-wire two-control passive feedback	The driver is driven by a bidirectional synchronous motor, and the valve opening or closing circuit is powered independently. When the valve opening or closing is in place, the driver is automatically powered off. Dry contact feedback signal after opening or closing in place.

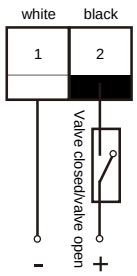
Wiring graphic



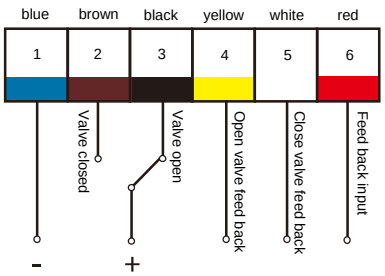
Three-wire one control (normally on/normally off type)



Three-wire two control wiring diagram



Two-wire one control (normally on/normally off type)



Three-wire two control passive feedback wiring diagram