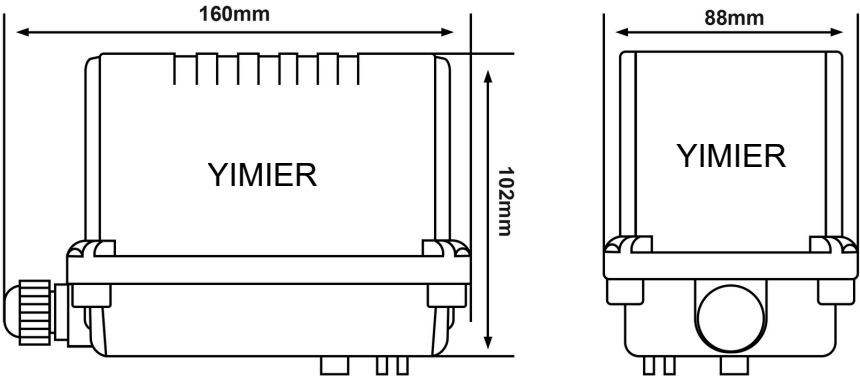


ME SERIES ELECTRIC ACTUATORS

Product Overview

ME... Series electric ball valves are electric actuators operated by a variety of wiring methods. The valve body is characterized by strong corrosion resistance, rapid installation, instant opening and lightweight body. The electric actuator has a small appearance, wear-resistant shell, and has been equipped with protective guards. Electric actuator working power usually have: AC100.... . 240V, AC/DC24V and so on.



Product Model

- MEA220 MEA/D24 MED12 Three-wire two-control control
- MEA220-31 MEA/D24-31 MED12-31 Three-wire one-control control
- MEA220-2K MEA/D24-2K MED12-2K 2-wire normally open control
- MEA220-2B MEA/D24-2B MED12-2B 2-wire normally closed control

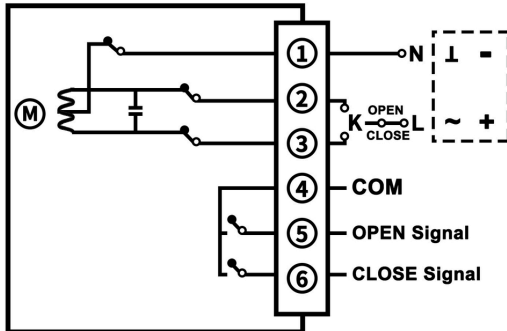
Product Parameter

Actuator Parameter			
Product Brand	YIMIER	Wiring Method	3-wire 1-control/ 3-wire 2-control/ 2-wire power failure reset
Product type	XXX+ME...	Form	Electric
Product name	Electric Valve	Temperature	-30℃~60℃
Nominal current	0.10A	Running time	15s
Operating Pressure	1.0MPa	Caliber	DN15-DN50
Protection Class	IP54	Angle of Rotation	0~90℃



Wiring Diagram

1. Suitable for MEA220, MEA24, MED24, MED12 actuators

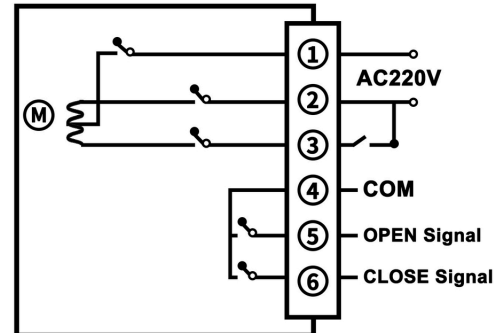


Three-wire two-control wiring diagram

①, ② energized, valve open, ④, ⑤ connected, valve open in place Feedback;

①, ③ energized, valve closed, ④, ⑥ connected, valve closed in place Feedback

2. Applicable to MEA220-31 actuator

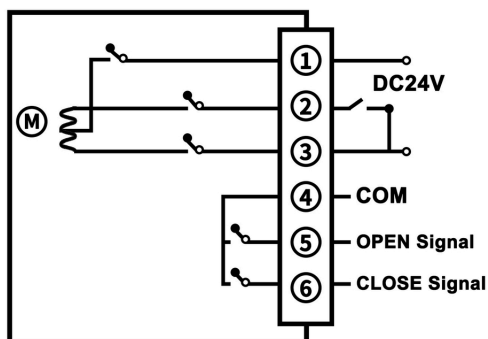


Three-wire one-control wiring diagram(AC220V)

①,②,③ Power on and open the valve;

①,② Power on, ③Disconnect, valve closed

3. Suitable for MEA24-31, MED24-31 MED12-31 actuators.

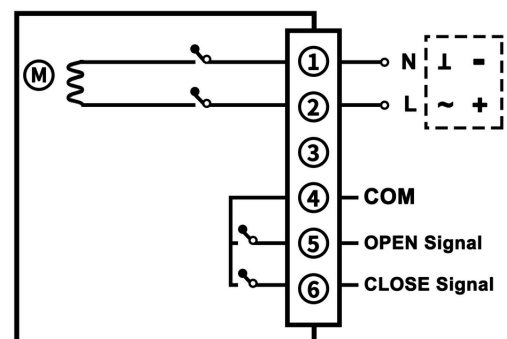


Three-wire one-control wiring diagram(DC24V)

① ②, ③ Power on and open the valve;

① ③ Power on, ② Disconnect, valve closed

4. Applicable to MEA220-2B, MEA24-2B, MED24-2B MED12-2B MEA220-2K, MEA24-2K, MED24-2K, MED12-2K actuator



Power off reset wiring diagram

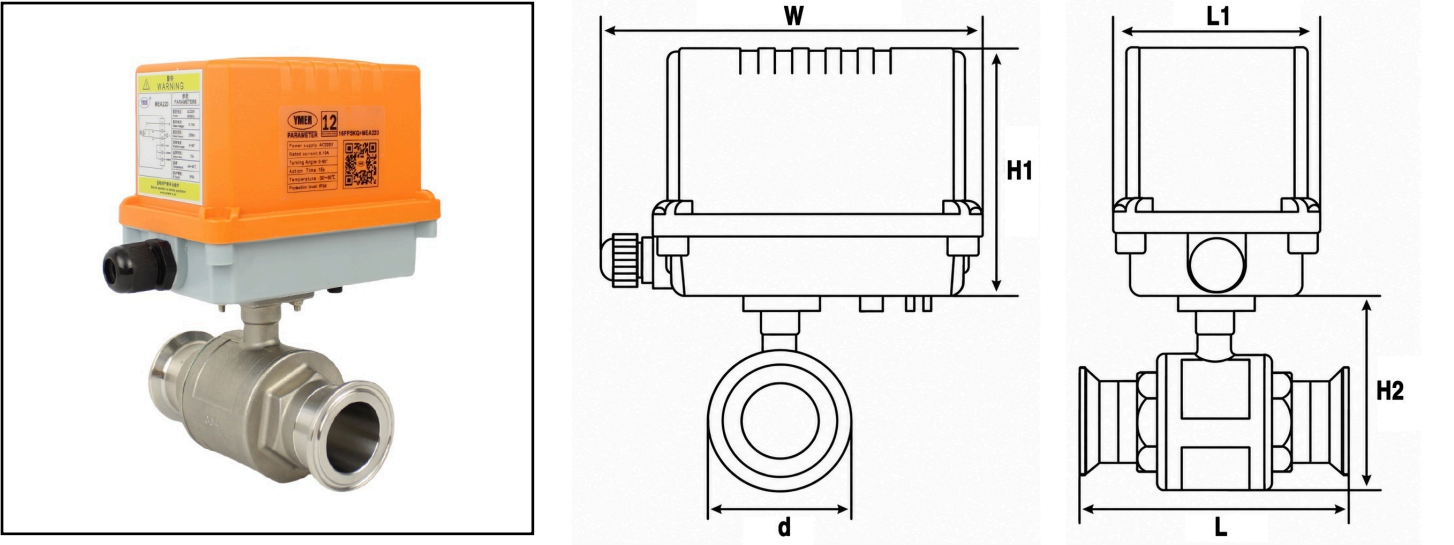
①, ② energized, valve open ④, ⑤ energized, valve open in place Feedback;

①, ② de-energized, valve closed ④, ⑥ energized, valve closed in place Feedback

Manual operation

- ◆ Do not operate manually until the power is off.
- ◆ Top up the manual device with M5 hexagonal wrench, so when it is tighter, you can shake the wrench left and right for a few times, and then turn left for opening the valve and right for closing the valve after topping up.
- ◆ When using manual adjustment, please note that the pointer of the window should not exceed the range of the switching scale accidentally to avoid the damage of the internal parts.

16PPKQ+ME... SERIES ELECTRIC STAINLESS STEEL BALL VALVE



Parameter & Dimensions (mm)

Valve parameter		
Caliber		DN15-DN50
Pressure		PN16
Material	Body	Stainless steel
	Plate	Stainless steel
	Seat sealing	PTFE
Temperature		0~120°C
Connection		chuck
Applicable Medium		Water, air, oil, corrosive medium

型号	口径	L1	W	H1	D	L	H2
16PPKQ+ME	DN15	160	88	102	50.5	99	71
	DN20	160	88	102	50.5	109	74
	DN25	160	88	102	50.5	116	79
	DN32	160	88	102	50.5	128	89
	DN40	160	88	102	63.5	145	101
	DN50	160	88	102	70	158	115