

## A150 Electric Actuator



Electric Actuator is ideal for water heater, water treatments, brewing and water meters.

### Design Features

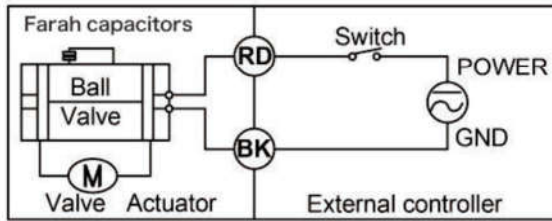
- All-copper gear design, high accuracy output torque, especially for multi-channel scaling system.
- Small size, compact structure.
- Manual Override, IP 67, On/off indicator

## Technical Data

Maximum working pressure	1.0 MPa (10 bar)	Actuator Material	Engineering Plastics
Working voltage	<ul style="list-style-type: none"> <li>• DC12-24V &amp; AC24V</li> <li>• AC 110 - 230V</li> </ul>	Actuator rotation	90°
Wiring control methods	<ul style="list-style-type: none"> <li>• CR202</li> <li>• CR303</li> <li>• CR306</li> </ul>	Max. torque force	15 N.m
Working current	≤1.5 A	Cable Length	0.5m
Open/close time	≤12S	Environment temperature	-15°C~50°C
Lifetime	70,000 times at least	Mounting Positions	F03/F04/F05



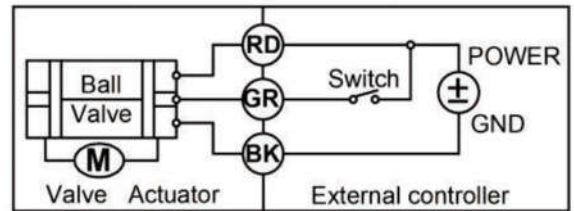
### ■ CR202 Wiring Diagram ( 2 wires control – Capacitors return in case of the power is failure)



- When SW is closed , the valve OPEN. the actuator automatically power off after in place
- When SW is open, the valve CLOSED, the actuator automatically power off after in place
- Suitable Working Voltage: AC/DC9-24V AC110-230V
- Exceeding the working voltage is forbidden

### ■ CR303 Wiring Diagram (3 wires control)

- RD& GR connect with positive, the BK connect with negative
- SW CLOSED, the valve OPEN, the actuator automatically power off after in place
- SW OPEN, the valve CLOSED, the actuator automatically power off after in place
- Suitable Working Voltage: AC/DC9-24V,AC110-230V
- Exceeding the working voltage is forbidden



### ■ CR306 Wiring Diagram ( 3 wires control – Capacitors return in case of the power is failure)

- RD& GR connect with positive, the BK connect with negative
- SW CLOSED, the valve OPEN, the actuator automatically power off after in place
- SW OPEN, the valve CLOSED, the actuator automatically power off after in place
- When external power off, the valve CLOSED, the actuator automatically power off after in place
- Suitable Working Voltage: AC/DC9-24V,AC110-230V
- Exceeding the working voltage is forbidden

