

## 1 1/2" - 2" BSP SS304 Electric Actuated Ball Valve 2 Wires with MO and Visual Indicator



Motorized Water Valve is ideal for water heater, water treatments, brewing and water meters.

### Design Features

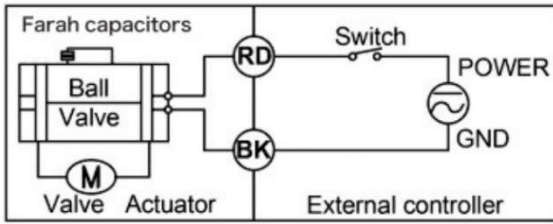
- All-copper gear design, high accuracy output torque, especially for multi-channel scaling system.
- Small size, compact structure.
- A variety of control methods, either to accept remote valve position control signal, but also the feedback signal in place for computer intelligence unit testing.
- Manual Override, IP 67, On/off indicator

### Technical Data

<b>Product size</b>	1 1/2" & 2" BSP	<b>Valve Body Material</b>	Stainless Steel SS304
<b>Maximum working pressure</b>	1.0 MPa (10 bar)	<b>Actuator Material</b>	Engineering Plastics
<b>Circulation medium</b>	Fluid, air	<b>Sealing Material</b>	FKM & PTFE
<b>Working voltage</b>	AC/DC 9 - 24V & AC 110 - 230V	<b>Actuator rotation</b>	90°
<b>Wiring control methods</b>	CR202	<b>Max. torque force</b>	15 N.m
<b>Working current</b>	≤500mA	<b>Cable Length</b>	0.5m
<b>Open/close time</b>	≤5S	<b>Environment temperature</b>	-15°C~50°C
<b>Lifetime</b>	70,000 times at least	<b>Liquid temperature</b>	2°C~90°C



## 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

PART CODE :

No.	Name	Material	Specification	Quantity
13	Hexagon wrench	stainless steel	303	1
12	Indicator	PC		1
11	Oil-seal	NBR		1
10	Screw x 4	stainless steel	303	1
9	O-ring	FKM		2
8	Stem	stainless steel	304	1
7	Gasket	PTFE		1
6	Ball	stainless steel	304	1
5	Sealing	PTFE		2
4	Sealing	PTFE		1
3	O-ring	FKM		2
2	Body Cover	Brass		1
1	Actuator	PPO		1

Description	D1/D2	d1	L1	L2/L3	E1	H1	H2
50-B2-B	2"	49±1	130±1	25±1	66	141.4	44.5
40-B2-B	1-1/2"	38±1	114±1	25±1	52	130	36
32-B2-B	1-1/4"	32±1	102±1	23±1	47	122	31
25-B2-B	1"	25±1	71±1	15±1	38	114	24
20-B2-B	3/4"	20±1	66±1	14±1	31	106	20
15-B2-B	1/2"	15±1	56±1	12±1	25	102	17

MATERIAL	DRN & DATE	TITLE	MODEL NO.
QTY/SET	2017-10-14	A150 Electric valve	
FINISH	CHK & DATE		
TREATMENT	APPD & DATE		
COLOUR	MM		SHEET NO.
UNIT	SCALE	DRG NO/IPDD REF NO	ISSUE

