



WX Series Electric Valve

Product overview

1. Beautiful appearance, compact size, all-metal gear transmission mechanism, reliable performance, high output torque, long service life;
2. Electrical limit, accurate positioning, high consistency;
3. The actuator and valve can be assembled at multiple angles, convenient for space allocation needs;
4. The ball valve adopts floating seal structure, no dripping, suitable for heavy dirt and long-term no action occasions;
5. Replacement of solenoid valves or solenoid valves can not work properly in the environment;
6. Protection level can reach IP54, can be used in relatively humid environment.



WXDUQ...UPVC
BALL VALVE



WXD2UQ...UPVC
BALL VALVE



WXDPQ... STAINLESS STEEL
BALL VALVE



WXDPKQ...STAINLESS STEEL
CHUCK BALL VALVE



WXDTQ...BRASS
BALL VALVE



WXDT3L/TQ...BRASS
BALL VALVE



WXDP3L/TQ... STAINLESS STEEL
BALL VALVE

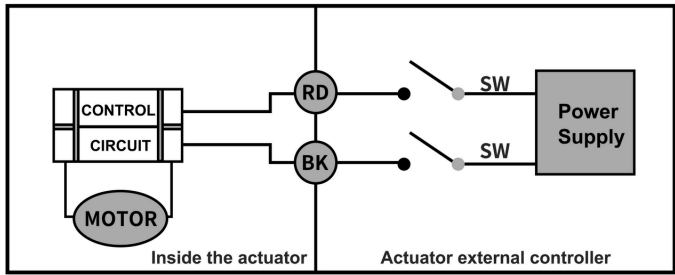
Product model

- WXDUQ-2K/2B(-S) UPVC Normally Open/Normally Closed (with feedback)
WXDUQ-31/32(-S) UPVC 3 wire onecontrol/3 wire two control(with feedback)
WXDPQ-2K/2B(-S) Stainless steel Normally Open/Normally Closed (with feedback)
WXDPQ-31/32(-S) Stainless steel 3 wire one control/3 wire two control(with feedback)
WXDTQ-2K/2B(-S) Brass Normally Open/Normally Closed (with feedback)
WXDTQ-31/32(-S) Brass 3 wire one control / 3-wire two control (with feedback)
WXD2UQ-2K/2B(-S) UPVC Dual Router Normally Open/Normally Closed (with feedback)
WXD2UQ-31/32(-S) UPVC Dual Router 3 wire one control / 3-wire two control(with feedback)
WXDPKQ-2K/2B(-S) Stainless Steel Chuck Normally Open/Normally Closed (with feedback)
WXDPKQ-31/32(-S) Stainless Steel Chuck 3 wire one control / 3-wire two control(with feedback)
WXDT3L/TQ-2K/2B(-S) Brass 3 Way Normally Open/Normally Closed (with feedback)
WXDT3L/TQ-31/32(-S) Brass 3 Way 3 wire one control / 3-wire two control(with feedback)
WXDP3L/TQ-2K/2B(-S) Stainless Steel 3 Way Normally Open/Normally Closed (with feedback)
WXDP3L/TQ-31/32(-S) Stainless Steel 3 Way 3 wire one control / 3-wire two control(with feedback)

Product Parameter

Model	WXD Series Electric Valve
Voltage	AC220V/AC12V/AC24V/DC12V/DC24V/AC110V
Power	3W
Operating Time	3~8s
Connection Type	Double Union Adhesive Bonding / BSPT Thread / NPT Thread / Chuck
Sound power level	≤45dB
Medium	Water, oil, air
Ambient Medium Temperature	0~100℃
Working Pressure	1.0MPa / 1.6MPa
Valve body Material	UPVC/ Stainless steel /copper
Wiring Method	Normally open and normally closed (with feedback)/3-wire one control (with feedback)/3-wire two control (with feedback)
Protection Level	IP54
Ambient Humidity	5%~95% RH, no condensation

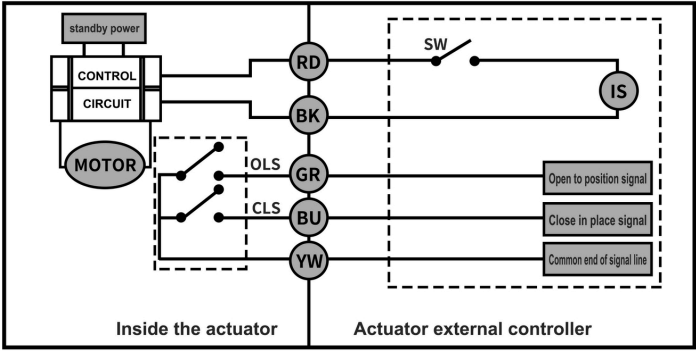
Wiring Diagram



2 wire power-off reset wiring diagram (CR04)

WXD...-2K/B Micro electric ball valve

- 1、 When SW is closed, the valve is open/closed; when in place, the internal power is automatically cut off, the valve stays in the open/closed state, and the backup power is charged;
- 2、 When SW is disconnected, the valve is closed/open; when in place, the internal power is automatically disconnected and the valve remains in the closed/open state.

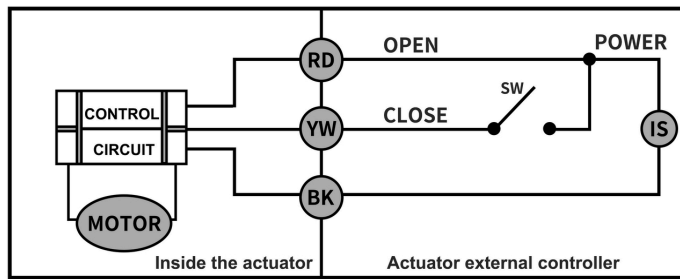


2-wire power-off reset with feedback

WXD...-2K/B-S Micro electric ball valve

- 1、 When SW is closed, the valve is open/closed; after being in place, the internal power is automatically cut off, the valve stays in the open/closed state, and at the same time outputs the open in place signal;
- 2、 When SW is closed, the valve is closed/open; in place after the internal automatic power-off, the valve remains in the closed/open state, while outputting the signal off in place.

Wiring Diagram



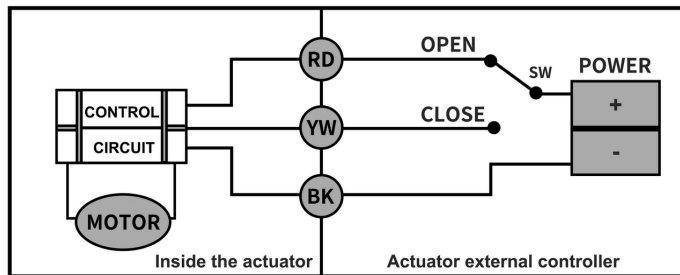
3-wire one control

WXD...-31 Micro Electric Ball Valve

1, SW connected, valve open: The valve will keep open after it open totally and the motor inside turned off automatically.

2, SW disconnected, valve close: The valve will keep close after it close totally and the motor inside turned off automatically.

Note: When the power is Direct Current, the Red(RD) line should be connected to the Positive Pole and the Black(BK) line should be connected to the Negative Pole.

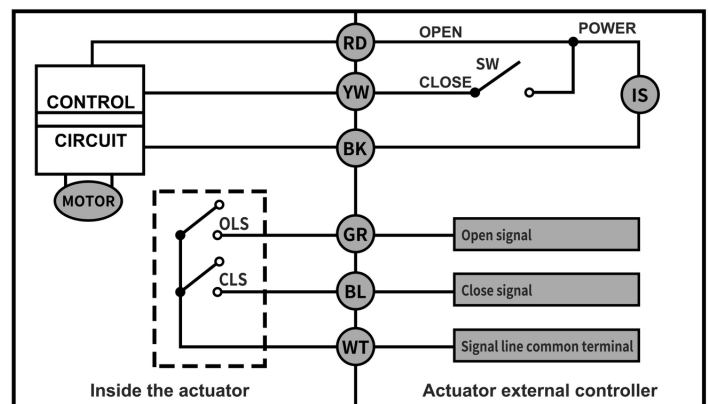


3-wire two control

WXD...-32 Micro Electric Ball Valve

1, While SW is connected with OPEN(RD), the valve will be opened. And it will keep open after the valve opened totally and the motor inside is turned off automatically;

2, While SW is connected with CLOSE(YW), the valve will be closed. And it will keep close after the valve closed totally and the motor inside is turned off automatically;



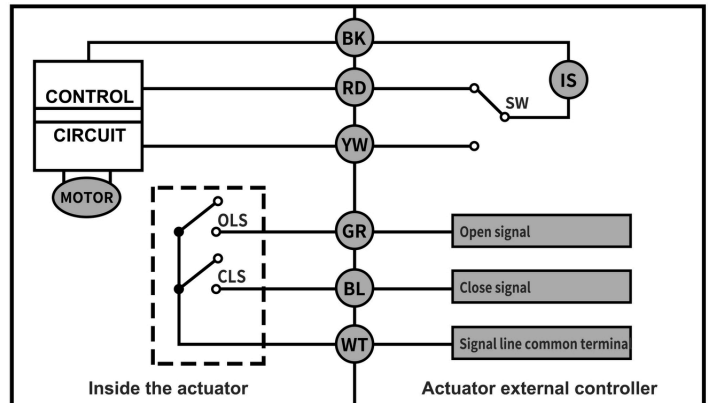
3-wire one control with feedback

WXD...-31-S Micro Electric Ball Valve

1, SW closed, valve open: in place after the internal automatic power-off, the valve remains in the open state; at the same time output open in place signal

2, SW disconnect, the valve tube: in place after the internal automatic power-off, the valve remains in the closed state; at the same time, the output off in place signals

Note: When the voltage is DC voltage, the red line connects to the positive pole and the black line connects to the negative pole.



3-wire two control with feedback

WXD...-32-S Micro Electric Ball Valve

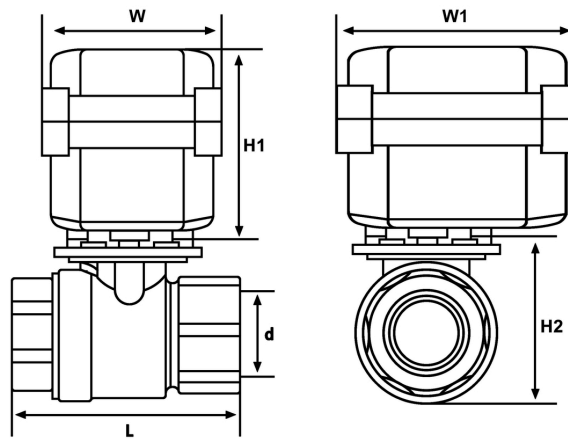
1. SW is connected to the yellow line, the valve opens, the internal power is automatically cut off when it is in place, the controller detects the OLS signal on the green line and keeps the valve in the open state.

2. SW is connected to the red line, the valve is closed, the internal power is automatically cut off when it is in place, the controller detects the CLS signal on the blue line and keeps the valve in the closed state; and the controller detects the OLS signal on the green line and keeps the valve in the closed state.



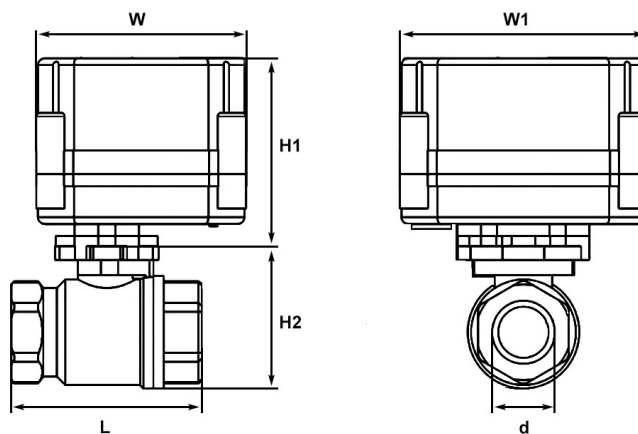
Dimensions (mm)

Mini Stainless Steel ball valve



MODEL	Caliber	W	W1	H1	d	L	H2
WXDPQ	DN8	51	67	62	12	44	28.8
	DN10	51	67	62	15	50	32.8
	DN15	51	67	62	19	54	37.8
	DN20	51	67	62	24	60	45.8
	DN25	51	67	62	30.5	73	59
	DN32	51	67	62	39	78	61

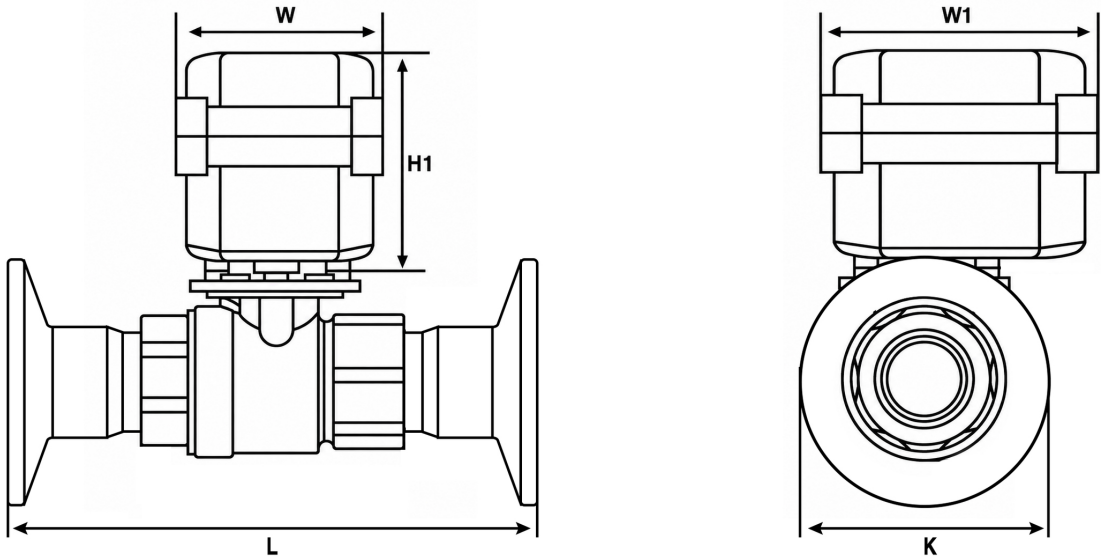
Mini Brass ball valve



MODEL	Caliber	W	W1	H1	d	L	H2
WXDTQ	DN10	54	66	51	15	47	38
	DN15	54	66	51	19	57.5	46
	DN20	54	66	51	24	58	48
	DN25	54	66	51	30.5	71	52
	DN32	54	66	51	39	78	61

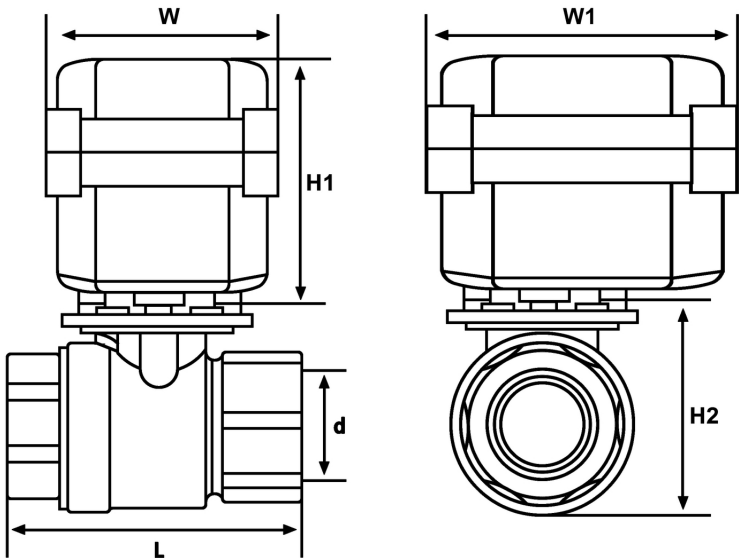
YIMIER Mini Electric Ball Valve

Mini Stainless Steel Chuck Ball Valve



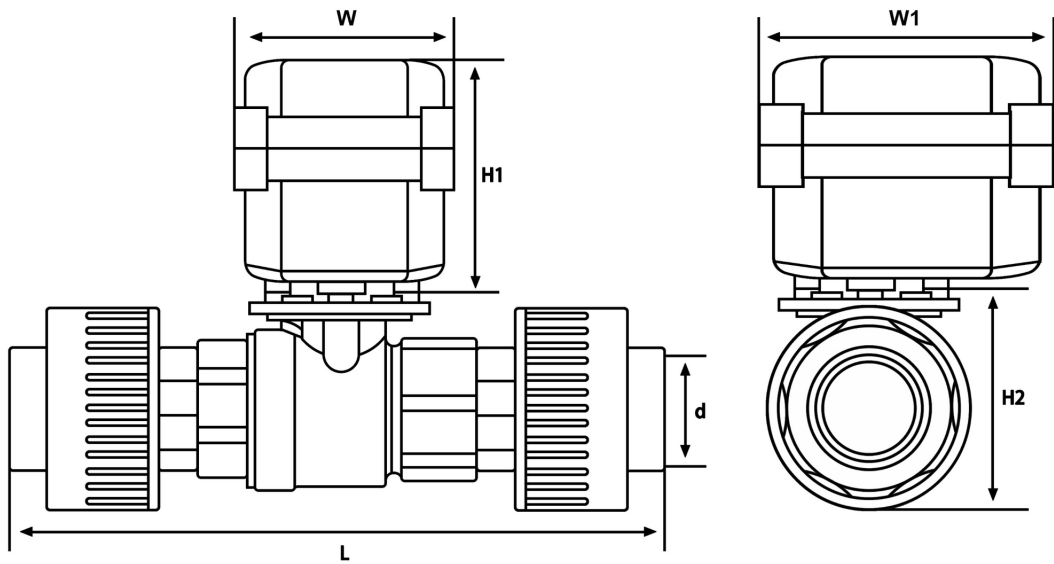
MODEL	Caliber	W	W1	H1	K	L
WXDPKQ	DN15	51	67	623	50.5	135
	DN20	51	67	62	50.5	137
	DN25	51	67	62	50.5	141

Mini UPVC Ball Valve



MODEL	Caliber	W	W1	H1	d	L	H2
WXDUQ	DN15	51	67	62	19	59	54
	DN20	51	67	62	24	72	59
	DN25	51	67	62	30.5	79	68

Mini UPVC Union Ball Valve



MODEL	Caliber	W	W1	H1	d	L	H2
WXD2UQ	DN15	51	67	62	19	151	54
	DN20	51	67	62	24	168	59
	DN25	51	67	62	30.5	179	68