



## **Basic Information**

Place of Origin: China
Brand Name: OEM
Certification: CE
Model Number: WRA3
Minimum Order Quantity: 1

Price: Negotiable
Packaging Details: Plywood Cases
Delivery Time: 15-60 Days
Payment Terms: L/C, T/T

Supply Ability: Based On Order



# **Product Specification**

Application: HVAC System

Material: Brass

Temperature Of Media: Medium Temperature
Pressure: Medium Pressure
Power: Motorized
Media: Water
Port Size: 1/2"-1
Structure: Ball
Standard Or Nonstandard: Standard

• Certificate: CE, RoHS

Used For: HVACR, Solar Power, Water Treatment

• Warranty: 18 Months

• Life Time: More Than 5 Years

Product Name: 0-10v Dn20 Analog Sensor 2 Way Electric

Water Flow Control Valve



## More Images









## **Product Description**

#### 0-10v dn20 dn40 output analog sensor 2 way electric water level flow control valve

#### Description

Fast running control ball valve consists of WRA3-...S series stepping motor actuator and W8BV... series ball valve. Equal percentage flow characteristic guarantees the valve performances of stability. Stepping motor control ball valve. The characteristic of it is accurate, fast, strong anti-interference. It is a typical digital control mode.

### **Forming Machine Process**

- 1. CNC Lathe Processing
- 2. High precision CNC machining center processing
- 3. General lathe processing
- 4. The machine punch the product parts
- 5. Cold Forming Molding
- 6. Welding Assembly

#### Operational mode

control ball valve is motor-operated by a type of WRA3-S series actuator. The actuator is controlled by a modulating on/off, 3-point or proportional control system and move the ball of the valve, to the opening position dictated by the control signal. The standard product is 0-10VDC proportional control, on/off or flowing point but can be customized according to customer requirements quickly dc switch proportion, floating control products.

### Application

HVAC system Heating system Water treatment system Industrial equipment

### Valve body:

Medium: cold/hot water, with 50% glycol Temperature of medium: 2°C...90°C

Rated pressure: PN20 Pipe connector: internal thread

Ambient temp. range: -5...+60°C;0...90%RH Size: G 1/2" - G 2"

Valve type: 2-way and 3-way

Flow characteristic: equal percentage, on/off

#### **ACTUATOR:**

Cover: PC

Rotating shaft: POM & Stainless steel(Optional)

Power supply: 24VAC/DC( Support customize the driver of the power supply for 12 ~ 28 VDC)

On-Off time: 2N.m--8S; 6N.m--20S; 10 N.m--48S (On/off time can be set according to customer needs, set up, the value will be fixed.)

Angle of rotation: 90° Manual handle available Protect rank: IP65

## Material

Valve body: forged brass, Hpb59-1

Seal: ball: EPDM+PTFE

Ball:stainless -steel or chromeplate brass. stem: EPDM

## Matching Valve body parameters:

Timing Turre body para						
Model No.	Description	DN(mm)	Inch	Kvs(m <sup>3</sup> /h)	Pvmax(MPa)	P s ( K P a )
W8BV215		DN15	1/2"	6.15		
W8BV220		DN20	3/4"	10.5		
W8BV225	2-way	DN25	1"	16.1		
W8BV232		DN32	11/4"	16		
W8BV240		DN40	11/2"	25		
W8BV315		DN15	1/2"	3.95	2.5Mpa	1400
W8BV320		DN20	3/4"	6.8		
W8BV325		DN25	1"	15.8		
W8BV332	3-way	DN32	11/4"	16		
W8BV340		DN40	11/2"	25		
W8BV350		DN50	2"	40		

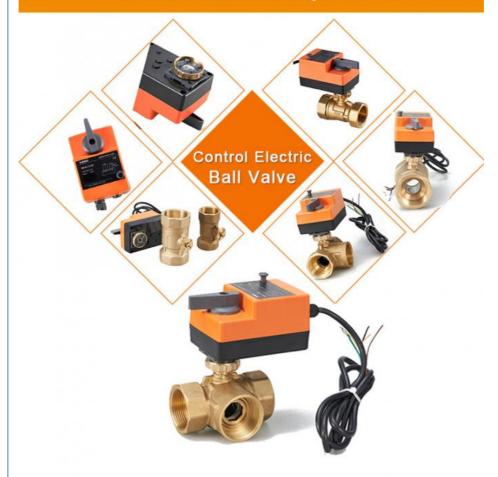
## **Actuator** technical parameters:

Model	Control	Power	Torque (N.m)	On/off Time (s)
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Note: We can customize the driver of the power supply for 12 ~ 28 VDC, for details please consult weiner engineering and technical personnel.



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