



2 Way Motorized Ball Valve For Heating System / Water Treatment System

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: OEM
- Certification: CE
- Model Number: WRA-6320+W8BV220
- 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

- Material: Brass
- Temperature Of Media: Medium Temperature
- Application: General
- Power: Electric
- Media: Water
- Standard Or Nonstandard: Standard
- Highlight: electrically operated valve

Product Description

HVAC System WRA-63 Electric Actuator Brass Ball Valve 2 Way DN20 for Fan Coil Units**Description of Electric Brass Ball Valve**

motorized ball valve consists of on/off type or 3-point type actuator and W8BV... series ball valve, which have compact structure, stable operation, excellent capacity of water stoppage, large water flow rate, zero dirt block and low torque. Motorized ball valves are widely used in HVAC system, heating system, water treatment system and some industrial equipment.

Technical data**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

Material

Valve body: forged brass, Hpb59-1 Seal: ball: EPDM+PTFE

Ball: chrome-plated brass stem: EPDM O-rings

How do we ensure finished product quality (FQC inspection)

1. Visual Inspection
2. Material Grade Measurement
3. Dimension Inspection
4. Roughness Detection
5. Roughness Detection
6. Leakage Test

Surface Treatment

We offer the following processes to choose:

1. Mechanical Polishing (MP) to improve brightness (gloss, matte)
2. Acid Cleaning for Anti-corrosion
3. Electrolysis Polish (EP) to improve surface smoothness
4. Custom Process: Bright Annealing treatment eliminate stresses to improve toughness

Application of Electric Brass Ball Valve

HVAC system, heating system, Water treatment system, Industrial equipment

Operational mode of Electric Brass Ball Valve

motorized ball valve is motor-operated by a type of WRA-63..., and WRA-63...A actuator. The actuator is controlled by a modulating on/off or 3-point control system and move the ball of the valve, to the opening position dictated by the control signal.

Ball Valve

Model No.		Inner Dia.	Inch	Kvs(m ³ /h)	Pmax(KPa)	Ps(KPa)
WBBV215	2-way	12mm	1/2"	8.6	1000	1400
W8BV220		15mm	3/4"	21	1000	1400
W8BV225		20mm	1"	26	1000	1400
W8BV315	3-way	10mm	1/2"	8.6	1000	1400
W8BV320		14mm	3/4"	21	1000	1400
W8BV325		18mm	1"	22	1000	1400

Actuator

WRA-63... AC230/110/24V, 50/60Hz, 3-point

WRA-63...A AC230/110/24V, 50/60Hz, on/off

Output torque: >3.5N.m Angle of rotation: 90°

Protect rank: IP55/IP54 On/off time: 16S

Function (3-point or on/off type)

The actuator is controlled by a modulating on/off or 3-point control signal, using reversible synchronous motor and gear speed reducer drive to fix and lock.

WRA-63... 3-point type

Black wire is power on Valve closed

Brown wire is power on Valve open

Black or brown wire is power off Valve keep the current position

Blue wire is connected to the null wire. Also can be used as on/off type.

WRA-63...A on/off type

Black wire is the control wire. Power on: valve open, power off: valve close

Brown wire is connected to the power wire.

Blue wire is connected to the com. Only can be used as on/off type.

Installation

insert the valve stem to the bottom of the actuator, and insert 2 pin, located in the bottom of the actuator to the valve's mounting hole. Then screw down the brass cap nut

Actuator

Model No.	Working Voltage	Actuator type	Output torque	Consumption	On/off time	Valve body
WRA-6320	230VAC±15%	3-point or on/off	3.5N.m	5W	50Hz:16S 60Hz:12S	W8BV215
						W8BV220
WRA-6320A	50/60Hz	On/off				W8BV225 W8BV315 W8BV320 W8BV325



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