



## On Off Type Electric Inlet Ball Valve Hand Operated For Water Running Control

### Basic Information

- Place of Origin: China
- Brand Name: OEM
- Certification: CE
- Model Number: WVA4-104
- 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: General
- Material: Brass
- Temperature Of Media: Medium Temperature
- Pressure: Medium Pressure
- Power: Motorized
- Media: Water, 50% Glycol
- Port Size: 1/2" ~ 2"
- Structure: Ball
- Product Name: 220vac On/off Type Electric Solenoid Water Inlet Ball Valve Actuator
- Certificate: CE, RoHS
- Color: Various
- Temperature Of Medium: 2°C...90°C
- Rated Pressure: PN20
- Pipe Connector: Internal Thread



## Product Description

### 220VAC on/off type hand operated electric solenoid water inlet ball valve actuator

#### 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: G1/2" -G2"

Valve type: 2-way and 3-way Flow characteristic: equal percentage, on/off

#### Material

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

Ball: stainless steel brass stem: EPDM

Valve connector: PC Valve spindle: aluminum alloy

#### Description

control ball valve consists of WAV4-... series rotary actuator and WCBS... series ball valve. Equal percentage flow characteristic guarantees the valve performances of stability. Control ball valves are widely used in HVAC system, heating system, water treatment equipment, and water running control in industrial automation, such as: AHU, fresh air-handling unit, differential pressure control unit and heat exchanger for flow regulation and on/off control.

#### Operational mode

control ball valve is motor-operated by a type of WVA4-1..., WAV4-2..., and WAV4-3... 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.

#### Application

HVAC system

Heating system

Water treatment system

Industrial equipments

Model No.	DN(mm)	Inch	Kvs(m <sup>3</sup> /h)	Pvmax (MPa)	Ps (KPa)
WCBS215	DN15	1/2"	6.3	2.5Mpa	1400
WCBS220	DN20	3/4"	6.3	2.5Mpa	1400
WCBS225	DN25	1"	10	2.5Mpa	1400
WCBS250	DN50	2"	43	2.5Mpa	1400
WCBS315	DN15	1/2"	6.3	2.5Mpa	1400
WCBS320	DN20	3/4"	6.3	2.5Mpa	1400
WCBS325	DN25	1"	10	2.5Mpa	1400
WCBS350	DN50	2"	43	2.5Mpa	1400

#### Actuator

**WVA4-2...** 24VAC/DC±15%, 3-point

#### Function (3-point, or proportional type)

The actuator is controlled by a modulating on/off, 3-point, and proportional control signal, using high transmitting ratio gear drive to fix and lock.

**WVA4-2...** 24VAC/DC±15%, 3-point

Brown wire is power on counterclockwise rotation, valve open

Red wire is power on clockwise rotation, valve close

Brown or red wire is power off Valve keep the current position



Model No.	Working Voltage	Actuator type	Output torque	Consumption	Valve body
WVA4-104	230AC±15%	3-point	4N.m	6VA	DN25,DN20,DN15
WVA4-106			6N.m		DN50,DN40,DN32,
WVA4-110			10N.m		DN50

#### Connector

Model No	Commodity	Application	Actuator	Valve body	Spindle
WCBV-1			WVA4-106,WVA4-206 WVA4-306,WVA4-110 WVA4-210,WVA4-310	WC BV2 32	WCBV -2
				WC BS2 32, WC BS2 40	
WCBS-1	Connector	Be used to connect the actuator and the valve body	WVA4-104,WVA4-204 WVA4-304,WVA4-106 WVA4-206,WVA4-306 WVA4-110,WVA4-210 WVA4-310	WC BS2 50, WC BS3 32 WC BS3 40, WC BS3 50	WCBS -2 WCBS -3



**Beijing Silk Road Enterprise Management Services Co.,LTD**



17733330123



miclecleanmo@gmail.com



watercontrol-valve.com

18-2 JinFu East Rd. Ulks Village. Futian New district. Shenzhen. China.