Electric Actuated 3 Way Ball Valve Stainless Steel For Chilled Water

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: OEM
- Certification: CE
- Model Number: WRA-4224+WSBV325
- 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: Stainless Steel
- Temperature Of Media: Medium Temperature
- Pressure: Medium Pressure
- Power: Other
- Media: Water
- Port Size: 1"
- Structure: Ball
- Standard Or Nonstandard: Standard
- Product Name: 3 Way Actuator Electric 1/2" Control Valves
- OEM: Acceptable
- Warranty: 18 Months
- Pipe Connection: G/BSP
- Control Way: ON/OFF
- Power Consumption: <5W

More Images

Product Description

1 Inch Ball Valve 3 Way Actuator Electric Control Valves For Chilled Water

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

Service

1. Provide your technical requirements and drawings
2. Get primary reply from us within 12 hours
3. Get technical solution and quotation from us within 24 hours
4. Technical solution and quotation confirmation
5. Provide samples if necessary
6. Contract review and signing
7. Arrange production and shipment
8. After sales service

Description

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

Application

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

Operational mode

DC motorized ball valve is motor-operated by a type of WRA-42…, and WRA-42…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.

Technical data

Valve body:

Medium: cold/hot water, with 50% glycol
Temperature of medium: -10°C...120°C
Rated pressure: PN20
Pipe connector: internal thread
Ambient temp. range: -20…+70°C;0…95%RH
Size: 1/2'', 3/4'' and 1''
Valve type: 2-way and 3-way

Material

Valve body: Stainless Steel SS304
Seal: ball: EPDM+PTFE, with double O-ring
Ball: SS304 ; stem: EPDM O-rings, with double O-ring

Model No.	Inner Dia.	Inch	Kvs(m^3/h)	Pvmax(KPa)	Ps(KPa)
WSBV215	15mm	1/2"	6.15	1000	1400
WSBV220	20mm	3/4"	10.5	1000	1400
WSBV225	25mm	1"	16.1	1000	1400
WSBV315	15mm	1/2"	3.95	1000	1400
WSBV320	20mm	3/4"	6.8	1000	1400
WSBV325	25mm	1"	15.8	1000	1400

Actuator

WRA-42… DC3/6-12/24V, 3-point
WRA-42…A DC3/6-12/24V, on/off
Output torque: 2N.m
Angle of rotation: 90°
Protect rank: IP55/IP54
On/off time: 2-12S

Image

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-42… 3-point type
Brown wire is power on, Valve open
Black wire is power on, Valve close
Brown or black 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-42…A on/off type
Blue wire is the control wire
Power on: valve open; power off: valve close
Black wire is connected to the com.
Brown wire is connected to the power wire.
Only can be used as on/off type.

Model No.	Working Voltage	Actuator type	Output torque	Consumption	On/off time	Valve body
WRA-4224	DC24V	3-point or on/off	2N.m	2W	2-6S	WSBV215 WSBV220 WSBV225 WSBV315 WSBV320 WSBV325
WRA-4224A		ON/OFF				
WRA-4212	DC12V	3-point or ON/OFF				
WRA-4212A		ON/OFF				
WRA-4203	DC3V	3-point or ON/OFF				
WRA-4203A		ON/OFF				

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

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