



Proportional Control Electric Actuated Ball Valve For Water Treatment System

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: OEM
- Certification: CE
- Model Number: WVA4-306+WCBS232
- 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: Water Treatment, Solar Energy
- Material: Brass
- Temperature Of Media: Medium Temperature
- Pressure: Medium Pressure
- Power: Electric
- Media: Water ,50glycol
- Port Size: 1/2"-2"
- Structure: Ball
- Certificate: CE/ROHS
- Power Supply: 24VAC/DC
- Output Torque: 4N.m 6N.m 10N.m
- Power Consumption: 6VA
- Control Way: 0-10v/4-20ma
- Pipe Connection: G/BSP
- Attribute: Proportional Control Motorized Valve



Product Description

24V 0-10V/4-20mA Electric Motorized Actuator Proportional Control Ball Valve

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.

Application

HVAC system

Heating system

Water treatment system

Industrial equipments

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

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.

Model No.	DN(mm)	Inch	Kvs(m ³ /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

WVA4-3... 24VAC/DC±15%, 0-10V/4-20mA

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.

Model No.	Working Voltage	Actuator type	Output torque	Consumption	Valve body
WVA4-304	24VAC/DC±15% %	3-point	0-10V	6VA	DN25, DN20, DN15
WVA4-306			0(2)-10VDC&(0)4-20mA		DN50, DN40, DN32,
WVA4-310			0(2)-10VDC&(0)4-20mA		DN50

Connector

Model No	Commodity	Application	Actuator	Valve body	Spindle
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WCBV-1		WVA4-106,WVA4-206	WCB	WCBV-2
		WVA4-306,WVA4-110	V232	
		WVA4-210,WVA4-310	WCB	
			V240	
			WCB	
			S232	
			,WC	
			BS24	
			0	
	Connector	Be used to connect the actuator and the valve body	WCB	WCBS-
			S250	2
			,WC	WCBS-
WCBS-1		WVA4-104,WVA4-204	BS33	3
		WVA4-304,WVA4-106	2	
		WVA4-206,WVA4-306	WCB	
		WVA4-110,WVA4-210	S340	
		WVA4-310	,WC	
			BS35	
			0	