

ECBV64 series Electric Control Ball Valves



Summary

ECBV64 series electric control ball valve is designed to regulate the flow of hot or chilled water and for some models, low-pressure steam in response to the demand of a controller in HVAC system.

Characteristics

1. ECBV64 series electric control ball valve wide selection for a variety of applications

- From DN15 To DN50, NPT / BSP Connection
- 2-way & 3-way, Mix & diversion
- Maintenance-Free Design
- Maintains equal percentage flow
- Adjustable flux proportion
- Blowout-Proof Stem
- Different Nominal Diameter Styles can be chosen
- Control On/Off, Floating, or proportional control

2. ECBV64 series electric control ball valve designed for heavy working

- pressure and fitting for all kinds of HVAC working system requirements
- Working pressure: 4.0Mpa
- Cut pressure: 1.4MPa
- Max working different pressure: 0.35Mpa KG
- Max static working different pressure: 0.25Mpa KG

3. ECBV64 series electric control ball valve provides accurate control under all load conditions

4. Forged brass body, Chrome-Plated brass or Stainless Steel ball and stem assembly stand (available)

5. ECBV64 series electric control ball valve adopt stainless steel core and stem, fitting for all HVAC project applications:

- Working temperature -5 to 120 °C
- Can be used in 50% glycol liquor
- Can be used in 100 kPa steam
- Can be used in rust water system

6. ECBV64 series electric control ball valve can be connected with the following actuator:

Nominal Diameter	DN15 ~ DN40	DN50
Non-Spring Return	EDAM(O)-04	EDAM(O)-08



Product Application Reference Electric Control Ball Valves

7. ECBV64 series electric control ball valve as following:

- Hard Rigidity
- Fitting for high or low temperature ambient
- Resist chemistry cauterization
- Compatible with EDA series actuator

8. ECBV64 series electric control ball valve with poly-tetra-fluoro-ethylene (PTFE) seats and ethylene-

- propylene-diene-monomer (EPDM)
- Double O-Ring stem seal
- Supper resist abrasion
- Graphite-reinforced poly-tetra-fluoro-ethylene (PTFE) seats

9. ECBV64 series electric control valve is available in a wide variety of Cvs to cover a broad range of applications:

- VAV fan coil system
- Single air-condition system
- Roof model air-condition system
- Boiler system and cool water system

Technical data

Nominal Diameter DN(mm)	DN15	DN20	DN25	DN32	DN40	DN50
Rated Flow Factor Kv	4	6.3	10	16	25	40
Angle Range	0 ~ 90°					
Max Different Pressure	0.35MPa					
Close-off Pressure	1.36MPa					
Running Time	See EDAM Series Damper Actuator					
Electric Control Valve	On/Off					
	Floating Point					
	Analogue					

Specification	G	L	H	S
DN15/ DN20	G3/4	75	44	32
DN25	G1	168	94	39
DN32	G1-1/4	175	108.5	49
DN40	G1-1/2	173.3	116.5	45.1
DN50	G2	184.9	136.5	56.8

Ordering code

ECBV64-X XXX X

