

Product Application Reference Electric Control Valves

EBV series Electric Butterfly Valve



Summary

EBV series Electric Butterfly Valve is used in heating, ventilation, air-condition and refrigeration control system.

Characteristics

- Powerful Function: Intelligent Model, Rate Model, Open-close Model
- Small Size, Light Weight: Only 30% of other products
- Capabilities: Use for Axletree and electric components
- Outline: Aluminum alloy surface, can reduce electromagnetism interference
- High Strength: Special alloy worm wheel and output shaft
- Backlash: Combined worm wheel and output shaft
- Safety Guarantee: AC1500V test, special made cord lock
- Simple wiring, one phase power supply
- Convenience: No oil filling, no maintenance, waterproof, any angle setting
- Protection Equipment: Double stroke limit, protects from overheating and overloading
- Speeds: 15, 30, 60 or 120sec stroke time
- Anti-rust: Stainless steel yoke, coupling and screw
- Intellectual control: Digital setting, high precision display

Specifications

		Names of parts	Material
Valve		Body	Cast-iron (DN350)
		Disc	Ductile Iron Nylon Coating, Plated Ductile Iron Stainless steel
		Seat	NBR, EPDM, PTFE
		Stem	Stainless steel, Plated Carbon Steel
		Bushing	Lubricating Bronze
		"O"-Ring	EPDM, NBR
		Outside Coating	Epoxy powder coating
Pneumatic Drive		Housing	Die-casting Aluminum
		Worm wheel output shaft	Copper alloy
		Support frame coupling	Stainless Steel

		Capability	Capability Instruction	
Names			Dish Valve DN40-500(2"-20")	
Nominal Diameter DN mm(inch)				
Nominal Pressure PN MPa			1.0	1.6
Testing Pressure	Shell		1.5	2.4
	Sealing		1.1	1.76
Suitable Temperature			-20°C~180°C	
Applicable Medium			Drinking water, seawater, dirty water, food, gas, steam, oil, acid, alkali, salt, organic compound	
Electric Driver	Housing		PRO.Water IP65	
	Power supply		AC200/220V	
	Environment temperature		-30°C~+80°C	
	VOL.PROOF		1500V	
	Indicator		Serial position display	
	Manual		With handle	
	Self-lock		Worm wheel and Worm can self-lock	

Oversize:

Size	Model	D1		D2	H1	H2	L	L1	n-ø	
		1.0MPa	1.6MPa						1.0MPa	1.6MPa
350	LB-100A	460	470	417	263	565	76.5	324.6	2-23	2-28