

MOTORIZED BUTTERFLY VALVE

Pre-insulated
Butterfly Valve
also Available



- Size: DN 50 (2") – DN 900 (36")
- Pressure rating PN10 / PN16 / PN20
- 600 kPa / 1000 kPa / 1300 kPa Close off pressure available
- Body in Cast Iron / Ductile Iron / Carbon Steel / Stainless Steel
- Nylon Coated SGI (Standard) or SS 410 / SS 304 / SS 316 Disc
- IP-68 rated (suitable) for outdoor applications
- Water proof, Anti rust & Anti corrosive design
- ON/OFF & Modulating Actuator available
- Self-locking facility
- Suitable for installation in at an angle / position

Changing the way you think about valves...

TECHNICAL SPECIFICATION OF ACTUATOR

Specification	Details
Supply Voltage	Single phase 230V +/-10%, 50 Hz +/-5%, also available in 24 V AC / 110 V AC Supply & 24 VDC.
Duty	S2-10 min, S4-30% - 1200 cycles / hour.
Insulation resistance	100 MW – 500 VDC
Actuator life	At least 1×10^6 operations with a running time of 0.75 s at the rated torque.
Self-locking	Self-locking facility of the actuators is provided by mechanical locking feature of worm-worm wheel mechanism.
Local Position Indicator	A continuous local mechanical position Indicator is provided with actuator which always gives a faithful indication of actuator position, independent of power supply.
Adjustable mechanical stoppers	Two adjustable mechanical stoppers are provided with actuator in open & close direction. This feature gives backup safety to final control device.
Auxillary limit switches	Maximum four numbers of micro limit switches for end position can be provided. Type: 1 NO+1 NC change over contact, Contact rating: 10A, 125 – 250 V AC.
Thermostat	Protect against overload condition
Protection Class	IP 68
Feed back Potentiometer	High resolution potentionmeter Feedback – Continuous Type : 100 to 235Ω
Position controller unit (PCU)	Field/Panel mounted having input signal: 4-20mA / 0-10 V DC for Remote monitoring & Control.
Position Transmitter	Actuator mounted having input from actuator mounted Potentiometer & output will be 4-20mA proportionate.
Remote position indicator	Panel mounted digital position indicator for 0-100% opening indication.
Space heater	Prevent water condensation. The actuator are fitted with an anti condensation heater called as space heater, the later can be connected to the AC or DC voltage of 230 V.

- Powerful Function
- Compact Design
- Light Weight
- Beautiful appearance : Alloy die casting body
- Specially design worm-worm wheel for high strength
- Detachable type hand lever
- Super wear resistance : Forged with special copper alloy
- ISO 5211 mounting base
- Maintenance free – Fit & Forget type
- Specially designed induction motor to generate high starting torque & high efficiency inbuilt with thermal protection

