

Electrical actuator

The electrical actuator manufactured by JJ BCN international S.A., is a new concept in 1/4 turn actuators, which gives all solutions that modern fluid control process that use that use reversible electric actuators need in order to drive ball valves, butterfly valves, plug valves, dampers etc.

The actuators include six models of single phase and for 24VDC and 220VAC with torque rating of 20,35,55,85, 140and 300NM.

Standard features :

ATC- Automatic temperature control.
AVS- Auto voltage sensing.
ETL- Electronic torque limiter.
MO - Manual overdrive
PES- Protected electrical supply.
VCO- Visual control of operations.
VFC- Volt free contacts.
ISO 5211 interface

Optional features :

With digital positioner.
Battery operated for "fail safe" mode.

Materials :

Enclosure : Anticorrosive Polyamide.
Internal Cams : Galss Filled Polyamide.
Main External Shaft : Stainless Steel.
Gears : Steel and Polyamide.
Position indicator : Glass filled polyamide.
Fastening : Stainless Steel.

Materials :

Enclosure : Anticorrosive Polyamide.
Internal Cams : Galss Filled Polyamide.
Main External Shaft : Stainless Steel.
Gears : Steel and Polyamide.
Position indicator : Glass filled polyamide.
Fastening : Stainless Steel.

Specification :

Actuator on-off; working angle : 90°
Maximum torque : 5 to 19600Nm.
Supply voltage : 230 Vac (±10%) 50/60Hz 1Ph
Insulation resistance : 100M/ 500Vdc
Tension insulation : 1500 Vac/1 minute

Motor with class E insulation Working temperature from -25° C to +55° C (For use in temperature below 00C,We suggest anti-condensate elements) Protection according to NEMA 4, 4X rules (IP65) Graduated visual position indicator Detachable lever for manual operation Electric connection with screw terminals Locking of supply cables by means of cable presses

