



**Description:**

The HQ-004 & HQ-006 electric actuators are specially designed for quarter turn applications such as small ball, butterfly, plug valves and dampers.

Small, light and compact design with high output torques. Various control options and a wide range of voltages are available to meet your specific requirements.

High quality electrical components and alloy gearing ensure reliability and extended life span.

**Standard Specification:**

- Enclosure : Weatherproof IP67
- Power Supply : 110/220v 50/60Hz, 24vAC/DC
- Duty Cycle (On/Off Duty) : S2 35%
- Motor : Reversible Motor
- Limit Switches : 2 x SPDT, 250V AC 3A
- Additional Limit Switches : 2 x SPDT, 250V AC 3A
- Space Heater : 2W (110/220V AC)
- Manual Override : Hexagon
- Conduit Entries : 2 x M20
- Movement Angle : 320° ± 10° (0° to 320°)
- Ambient Temperature : -20°C to 70°C
- External Coating : Dry Powder, Polyester

**Option Specification:**

- Enclosure : Waterproof IP68
- Conduit Entries : 2 x PG 13.5, 1/2" NPT
- PIU : Potentiometer Unit (1K - 10K)
- PCU : Proportional Control Unit (In/Out:0-10V,4-20mA)
- CPT : Current Position Transmitter (Output 4-20mA DC)
- LCU : Local Control Unit (Remote/Open/Stop/Close s/w)

**Performance**

| TYPE<br>(MODEL) | MAXIMUM<br>OUTPUT<br>TORQUE | OPERATING<br>TIME<br>50/60Hz<br>90° | MOTOR<br>CLASS E<br>FRAME SIZE<br>W * F | RATED CURRENT (A) |          |          |     | WEIGHT<br>Kg |
|-----------------|-----------------------------|-------------------------------------|---|-------------------|----------|----------|-----|--------------|
|                 |                             |                                     |   | AC 1PH . 50/60Hz  |          |          | DC  |              |
|                 |                             |                                     |   | 24V               | 110V     | 220V     |     |              |
| HQ-004          | 40Nm                        | 14/12<br>SECS                       | 6 * 70                                  | 0.3               | 0.39/0.4 | 0.19/0.2 | 0.2 | 3            |
| HQ-006          | 60Nm                        |                                     |   |                   |          |          |     |              |