



**Description:**

The 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. This variation is fitted with a proportional control unit (PCU) providing modulating control from an incoming signal. The combination of electronic positioner, position transmitter and microprocessor technology provides extremely high reliability and performance. An auto calibration feature provides the user with easy set up and installation by pressing one button.

**Standard Specification:**

- Enclosure : Weatherproof IP67
- Power Supply : 110/220V 50/60Hz
- Duty Cycle (On/Off Duty) : S2 35%
- Motor : Reversible Motor
- Limit Switches : 4 x SPDT, 250V AC 3A
- Space Heater : 2W (110/220V AC)
- Manual Override : Hexagon
- Conduit Entries : 2 x M20
- Ambient Temperature : -20°C to +70°C
- External Coating : Dry Powder, Polyester
- Input Signal : 4-20mA, 0-20mA, 0-10VDC, 1-5VDC
- Output Signal : 4-20mA, 0-10VDC
- Adjustable Range : Zero 8mA, Open 16mA
- Input Resistance : 250 ohm, Feedback Signal: 1k-10k ohm
- Load Resistance : Max 750 ohm
- Resolution : Min 1/1000

**Performance**

TYPE (MODEL)	MAXIMUM OUTPUT TORQUE	OPERATING TIME 50/60Hz	MOTOR CLASS E FRAME SIZE	RATED CURRENT (A)		WEIGHT
				AC 1PH .50/60Hz	220V	
HQ-006	60Nm	90°	W * F	110V	220V	Kg
		14/12 SECS		0.39/0.4	0.19/0.2	4

DATA SHEET No. 3.11

DATE: JAN 2005