



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

DATA SHEET No. 3.01

DATE: JAN 2005