



HQ-L

Electric 1/4 Turn Low Torque Actuator

40Nm - 60Nm



The HQ-L electric actuators are designed for quarter turn applications on small sized ball, butterfly, plug valves and dampers.

Small, lightweight and compact in design but still offering high output torques. Various control options and a wide range of voltages are available to meet your specifications.

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

Approvals, Features & Benefits

- Base to ISO 5211 & DIN 3337 standard
- Weatherproof to IP67
- Manual hexagon and hand wheel override
- High grade aluminium alloy housing
- Low current consumption reversible motor

Temperature

Ambient temperature
-20 to 70°C (on/off)
-20 to 55°C (modulating)

DIMENSIONS	A	B	C	D	E	F	G	H	ISO 5211	ISO 5211	ISO 5211	Cable	Weight
HQ-004 & HQ-006	104	126	133	106	148	127	22	14	✓	✓	✓	M20	3

ADDITIONAL DATA						
	Maximum Torque Output (Nm)	Square Drive (mm)	Operating Time 50 / 60Hz 90° (sec.)	Duty Cycle IEC34-1 S2 (%)	No. of Handle Turns	ISO 5211 DIN 3337 Mounting
HQ-004	40	14	14 / 12	35	8	F03, F05, F07
HQ-006	60					

STANDARD SPECIFICATIONS	
Enclosure	Weatherproof Enclosure IP67
Power Supply	110/220V AC 1PH 50/60Hz, 24V DC ± 10%
Motor	Reversible Motor
Limit Switched	2 x Open/Close, SPDT, 250V AC 3A Rating
Additional Limit Switches	2 x Open/Close, SPDT, 250V AC 3A Rating
Space Heater	2W (110/220V AC) Anti-condensation
Manual Override	Hexagon & Handwheel
Movement Angle	320° ± 10° 1(0°-330°)
Casing Material	Aluminium Alloy, Dry Power Polyester Coated
Terminal Block	Push Button
Case Colour	Blue

OPTIONS			
PIU	Potentiometer Unit	DCM	DC Motor (24V DC)
LCU	Local Control Unit (Remote / Open / Stop / Close Switch)	Case Colour	Green • Red • Yellow • Grey
CPT	Current Position Transmitter (Output 4-20mA)	LPA	Lever Plate Actuator
PCU	Proportional Control Unit • Input / Output Signal Range: 4-20mA or 0-10V DC Adjustable Range: Zero 8mA, Open 16mA • Position Conversion Accuracy: 0.5-1.5% (depends on installation)		