

Electric Actuator

HQ-006 Series

HKC



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HQ-006 Series

- HQ-006 Actuator is newly designed and invented for small size valve automation like ball, butterfly, plug and even dampers.
- Small, light and compact design, high torque and various control options will meet your specific requirements.
- HQ provides high technical service & quality products for your automation system.

Features

- Compact and light due to high grade aluminum alloy housing.
- High resistance for corrosion due to hard anodizing on inside & outside and polyester powder coating on external surface
- Output torque : 60Nm(6kg.m)
- The actuator motor is reversible, high torque and low current design.
- Solid with O-ring system giving weatherproof (IP67)

Standard Configuration

- Manual handwheel
- Wide, easy mounting base standard to ISO5211(F03/F05/F07)
- Standard 4 limit switches. 2 for operation, 2 for extra(dry contacts)
- Captive cover bolt.
- Space heater.
- Limit switches for easy and tight setting.
- Terminal block. (11P)
- Standard color : Red or Blue

Performance

TYPE (MODEL)	MAXIMUM OUTPUT TORQUE		OPERATING TIME 60/50Hz	MOUNTING SIZE	MOTOR CLASS FRAME SIZE		RATED CURRENT(A) 60Hz			DUTY CYCLE IEC 34-1	NUMBER OF HANDLE TURN	WEIGHT
	Kg.m	N.m			90	ISO5211	W	F	AC 1PH. 60Hz/50Hz			
			110V	220V					24V	S2(%)	N	Kg
HQ-006	6	58	12/14	FO3/F05/F07	6	70	0.4 / 0.39	0.2 / 0.19	0.2	35	8	3

Option Specification

PIU	Potentiometer unit(1K~10K)
PCU	Proportional control unit (in/out:0~10V, 4~20mA)
CPT	Current position transmitter (Output 4~20mA DC)
DCM	DC motor (24VDC)
LCU	Local control unit -remote/local -open/stop/close

Standard Specification

Enclosure	Weatherproof enclosure IP67
Power supply	110/220V AC 1PH, 50/60Hz, ± 10%
Duty cycle(on-off duty)	S2 35%
Motor	Reversible motor
Limit switches	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	Handwheel (hexagon design)
Cable entries	Two PG 13.5 Tap(Option : NPT1/2 ,PT1/2 ,PF 1/2)
Movement angle	320 ± 10 (0 ~330)
Ambient temperature	-20 ~70
External coating	Polyester powder coating
Dimension W x L x H	105mm x 126mm x 137 mm.

