

# HQ5

## HQ Electric Actuator for Albion ball and butterfly valves



### Features

- Multi voltage options
- High corrosion resistance, anodized & painted housing
- Low current, long-life actuator due to unique brushless DC motor
- Visual beacon indicator & LED lamps
- 70% duty rating (on/off only)
- Dec clutchable manual override handwheel
- Electric torque limiter

### Standard Specification

Enclosure	: Weatherproof IP67
Power supply	: 85 - 265 VAC 1ph, 50/60 Hz   24 VAC /DC
Duty cycle	: S4: 70% (average load of 80% Max. torque) S2: 50% (average load of 80% Max. torque)
Motor	: BLDC motor
Limit switches	: 2 x open/close, SPDT, 250 V ac 10 A rating
Additional limit switches	: 2 x open/close, SPDT, 250 V ac 10 A rating
Anti-condensation board	: 2W
Manual override	: Manual handwheel
Cable entries	: 2 x M20
Movement angle	: 320° ± 10° (0° to 330°)
Ambient temperature	: -20°C to +80°C

### Optional Specification

PIU	: Potentiometer unit (1-10 kΩ)
PCU	: Proportional control unit (in/out: 0-10V or 4-20 mA)
RBP	: Rechargeable Battery Backup
*CPT	: Current position transmitter (output: 4-20mA dc)
WTA	: Watertight enclosure actuator (IP68 10 m 72 hr)
TS	: Torque overload indicator via flashing LED module
*NOTE: These options are currently under development	

### Performance

Model	Maximum Output Torque	Operating time 50/60Hz - 90°	Mounting base ISO 5211
HQ5	50NM	13 Sec	F03/F04/F05/F07 14mm Star

Model	Rated Current (A)				Weight
	110VAC	220VAC	24VAC	24VDC	
HQ5	0.1	0.05	0.8	0.8	2.6kg

