



**Description:**

Compact and lightweight electric actuator fitted to 2 way full bore brass ball valves suitable for standard process applications. The actuators fit directly onto the valve thus saving on space and cost, as no mounting kit is required.

The HQ series electric actuators are available in a wide range of voltages and control options to suit your specific requirements.

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

**Standard Actuator Specification:**

Enclosure	:	Weatherproof IP67
Power Supply	:	85/265v 50/60Hz, 24vAC/DC
Operating Time (50/60Hz)	:	13 Seconds
Limit Switches	:	4 x SPDT, 250V AC 10A
Anti Condensation Board	:	2W
Manual Override	:	Handwheel
Rated Current (Amps)	:	24VAC/DC - 0.8A 110VAC - 0.1A 240VAC - 0.05A
Conduit Entries	:	2 x M20
Ambient Temperature	:	-20°C to +80°C
External Surface	:	Hard anodised prior to Polyester paint finish
Duty Rating	:	S4 70%

**Standard Valve Specification:**

Body	:	Brass - nickel plated
Seat	:	PTFE
Stem Seal	:	Viton
Pressure Rating	:	Maximum of 40 bar(1/4"-1" ) Maximum of 30 bar (1 1/4" - 2 1/2" ) Maximum of 25 bar (3" )
Temperature	:	-20°C to +120°C
Ends	:	Screwed BSPP

**Options:**

- PIU : Potentiometer Unit (1-10kΩ)
- PCU : Proportional Control Unit (In/Out: 0-10v or 4-20mA)
- WTA : Watertight Enclosure (IP68 10m 72Hr)
- TS : Torque Overload Indicator via flashing LED module

**Dimensions**

**Weight**

VALVE	ACTUATOR	A	B	Kg
1/4" (6MM)	HQ-005	64	201	3
3/8" (10MM)	HQ-005	64	201	3
1/2" (15MM)	HQ-005	64	201	3
3/4" (20MM)	HQ-005	76	214	3
1" (25MM)	HQ-005	88	218	3
1 1/4" (32MM)	HQ-005	96	223	3
1 1/2" (40MM)	HQ-005	103	239	4
2" (50MM)	HQ-005	121	246	4
2 1/2" (65MM)	HQ-005	165	279	7
3" (80MM)	HQ-005	188	282	9