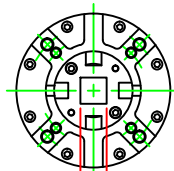


H x J DEEP  
HQ-008-030



H x J DEEP  
HQ-060-120

**Dimensions:**

MODEL	BASE	A	B	C	D	E	F	G	H	J
HQ008	F07	258	50	157	100	70	235	120	14	40
HQ015	F07/F10	338	73	200	142	87	268	160	17	45
HQ020	F07/F10	338	73	200	142	87	268	160	17	45
HQ030	F10/F12	368	82	221	160	99	290	180	22	52
HQ060	F10/F12	368	82	221	160	99	290	180	27	52
HQ080	F12/F14	410	103	242	186	111	330	210	27	60
HQ120	F12/F14	410	103	242	186	111	330	210	36	60

DRIVE BUSHES CAN BE MACHINED TO SUIT MOST VALVE STEMS ( ON REQUEST)

**Description:**

The HQ008 to HQ120 electric actuators with the addition of an integral failsafe battery backup module. The actuators can be configured to fail close or fail open on loss of power. The power pack has sufficient reserve to allow up to five operations within one hour of the power loss. The integral battery module also includes controls for local operation with a padlockable Remote/Local selector, the front panel incorporates LED indicators for the battery charge status and valve close/open position.

**Standard Specification:**

- Enclosure : Weatherproof IP67 (IP68 Option)
- Power Supply : 110/220v 50/60Hz
- Duty Cycle (On/Off Duty) : S4, 70% Standard, 100% for max 30 mins
- Motor : Squirrel Caged Induction Motor
- Limit Switches : 4 x SPDT, 250V AC 10A
- Torque Switches : 2 x SPDT, 250vAC 10A (HQ015-HQ030)
- Space Heater : 10W(110/220VAC) Anti Condensation
- Conduit Entries : 2 x M25 (PG13.5 OR 1/2"NPT OPTION)
- Travel Angle : 90° ± 5°
- Ambient Temperature : -20°C to +40°C
- External Coating : Hard Anodised before Dry Powder Polyester Coating

**Option Specification:**

- PIU : Potentiometer Unit (1K - 10K) (HQ015 upward)
- PCU : Proportional Control Unit (In/Out: 0-10VDC,4-20mA) (HQ015 upward)
- CPT : Current Position Transmitter (Output 4-20mA) (HQ015 upward)

**Performance:**

MODEL	HQ008	HQ015	HQ020	HQ030	HQ060	HQ080	HQ120
TORQUE (Nm)	80	150	200	300	600	800	1200
SPEED 90° 50/60Hz	16/13	25/21	25/21	31/26	31/26	34/28	34/28
CURRENT 110/1/50 (A) MAX 220/1/50	1.2	2.1	2.2	2.4	4.4	5.7	6.9
	0.6	1	1.1	1.3	2	2.8	3
WEIGHT (Kg)	15	23	23	28	29	35	35
MAX. SQ. DRIVE	17	19	19	30	30	40	40