

Quarter Turn Electrical Actuator (Motorised Valve) Basic ON/OFF Type

GENERAL PARAMETERS

Torque Range	: 200 & 300 N.m
Operating Time	: 39 s (AC Type), 28 s (DC Type)
Feedback Signal	: On/Off Dry Contact Position Feedback (Rated 5A@250VAC)
Ambient Temperature	: -25°C ... 70°C (Optional: -40°C ... 60°C)
Anti-vibration Level	: JB/T8219
Noise Level	: Less than 75dB within 1m
Electrical Interface	: Two PG13.5 (<100N.m) Two PG16 (≥100N.m)
Connection size	: ISO-5211 (F07 & F10)
Ingress Protection	: IP67 (Optional: IP68)

The definition of IP68 is: Depth of water: Maximum 15 m under water level. Duration of continuous immersion in water: Max. (72 hours).

MECHANICAL PARAMETERS

Motor Specifications	: Class F, with thermal protector up to +135°C (Optional: Class H)
Working Duty	: On-off Type: S2 ~ 15min, no more than 600 times per hour start
Applicable Voltage	: Single Phase (±10 %) AC220, 230, 240V (50Hz / 60Hz)
	: DC : 24 V (±10 %)

** 8280 series is for 1 phase only (For special inquire, please contact WOGS)*

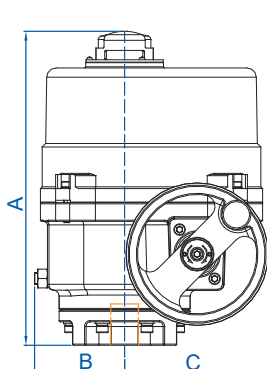


Series 8280 300

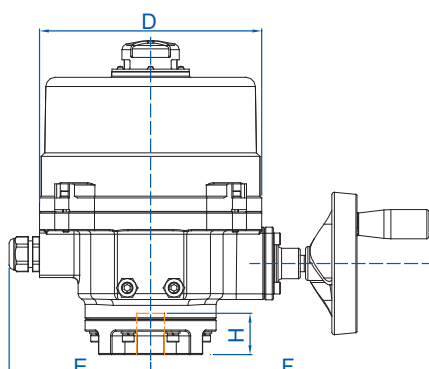
Model	Power (W)	Max Output Torque (N.m)		Max Output Torque (lbf.in)		Running time (Sec)			ISO-5211	Remarks
		AC 110 V AC 220 V AC/DC 24 V	AC 220 V AC 380 V 3 phase	AC 110 V AC 220 V AC/DC 24 V	AC 220 V AC 380 V 3 phase	50 Hz		24V DC/AC		
8280 200	40	200	On Request	1770	On Request	39	On Request	28	F07 & F10	Handwheel
8280 300	60	300	On Request	2655	On Request	39	On Request	28	F07 & F10	Handwheel

Note: Standard configuration.

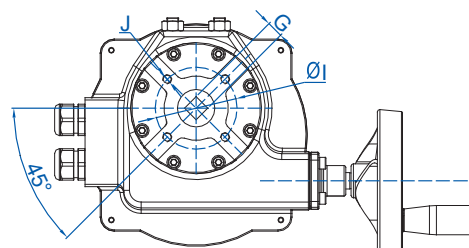
1. Rated torque is 75% of the max torque. 2. Motor insulation is class F, class H is optional. 3. The running time of 60 Hz is 5/6 of that of 50 Hz. The max output torque is the same as above.



Side View



Front View



Bottom View

Dimension: mm

Model	A	B	C	D	E	F	G	H	Ø I	J	Weight (kg)
8280 200	268	79	123	190	123	243	22 x 22	35	70, 120	4-M8 4-M10	11
8280 300	268	79	123	190	123	243	22 x 22	35	70, 120	4-M8 4-M10	11