

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

GENERAL PARAMETERS

Torque Range	: 1000 N.m
Operating Time	: 47 s (AC Type), 34 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 (F10 & F12)
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).



Series 8280 1000

MECHANICAL PARAMETERS

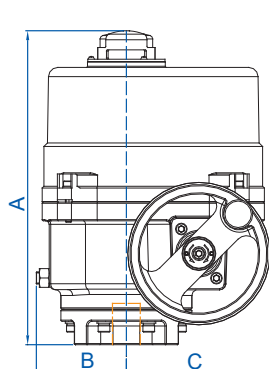
Motor Specifications	: Class F, with thermal protector up to +135°C (Optional: Class H)
Working Duty	: On-off Type: S2 ~ 15min, no more than 600 times per hour start
Applicable Voltage	: Single Phase (±10 %) AC220, 230, 240V (50Hz / 60Hz)
	: DC : 24 V (±10 %)

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

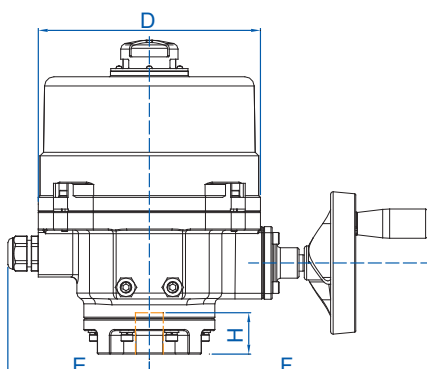
Model	Power (W)	Max Output Torque (N.m)		Max Output Torque (lbf.in)		Running time (Sec)			ISO-5211	Remarks
		AC 110 V AC 220 V AC/DC 24 V	AC 220 V AC 380 V 3 phase	AC 110 V AC 220 V AC/DC 24 V	AC 220 V AC 380 V 3 phase	50 Hz		24V DC/AC		
8280 1000	120	1000	On Request	8850	On Request	47	47	34	F10 & F12	Handwheel

Note: Standard configuration.

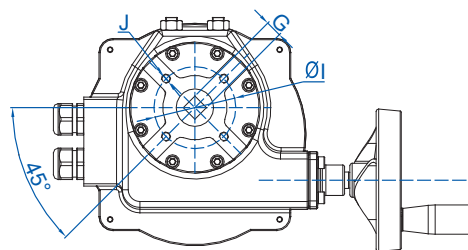
1. Rated torque is 75% of the max torque. 2. Motor insulation is class F. class H is optional. 3. The running time of 60 Hz is 5/6 of that of 50 Hz. The max output torque is the same as above.



Side View



Front View



Bottom View

Dimension: mm

Model	A	B	C	D	E	F	G	H	Ø I	J	Weight (kg)
8280 1000	327	109	187	232	146	280	27 x 27	55	102, 125	4-M10 4-M12	22