APPROVED CE APPROVED

CONVALVE

SPECIALIST IN VALVE AUTOMATION

EAC 1P ELECTRIC ACTUATOR

OUR STANDARD YOUR GUARANTEE

ISO 9001 Quality

ISO 14001 Environment

OHSAS 18001 Health & Safety

ELECTRIC ACTUATOR
EAC 1P ELECTRIC ACTUATOR

Scan me

DESCRIPTION

Exquisite design, excellent performance, lightweight, and big output torque.

The protective grade of the product is upward of IP65.

The connection dimension of the output end is by the National Standard ISO5211.

The connection shaft sleeve can be replaced, and easily processed and installed. Worm wheels structure, which has a self-locking function, and is of external adjustable mechanical limit.

It embedded thermal protector to carry out protection on the electrical machine. Indicate the valve position continuously by the big window for better viewing.

Multiple filed control units, provide the best performance according to the requirement of users.

FEATURES

- Quarter turn (90°) operation with mechanical travel stops
- Highly visual valve position indicator
- Manual override
- ISO5211 multi-flange valve mounting
- Heavy-duty motors with overload protection
- Two auxiliary limit switches included on base units

APPLICATION

Industrial quality electric actuators are typically used to automate quarter turn (90º) ball valves, butterfly valves and dampers. The EAC 1P series actuator is quick and easy to install with standard ISO5211 multi-flange mounting and a double square drive.

OPERATION

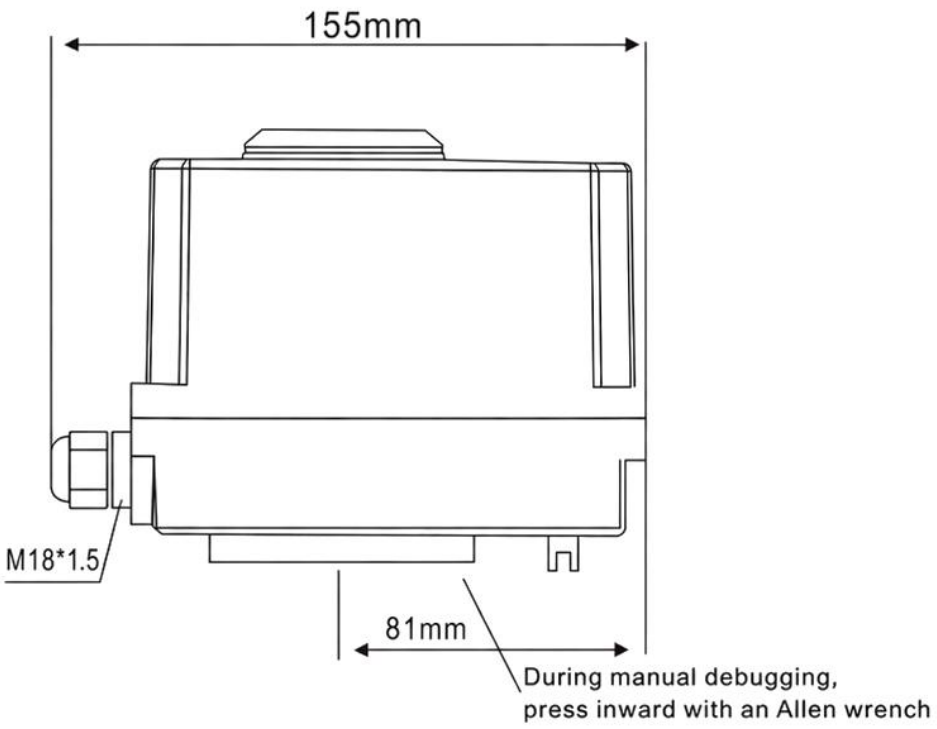
Electric actuator uses power-to-open and power-to-close, stays in the last known position with loss of power. On receipt of a continuous voltage signal, the motor runs and via a rugged all-metal gear system rotates 90º. The motor is automatically stopped by internal cams striking limit switches. On receipt of a reversing continuous signal, the motor turns in the opposite direction reversing the output drive position.

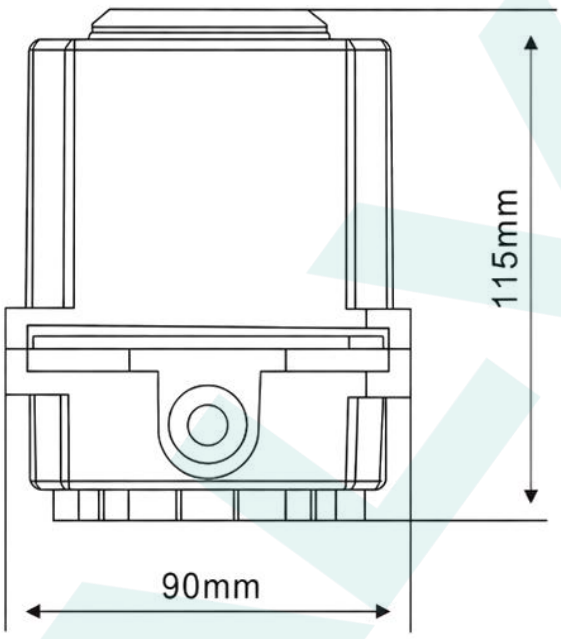
TECHNICAL PARAMETER

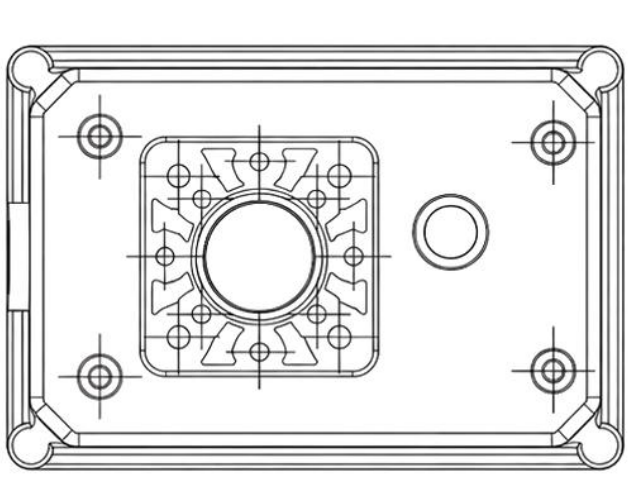
Model	Torque (N·m)	220VAC			24VDC		
		Power (W)	Current (A)	Open/Close Time (S)	Power (W)	Current (A)	Open/Close Time (S)
EAC-003P	30	6	0.18	15	6	0.5	15
EAC-005P	50	6	0.18	31	6	0.5	13
EAC-010P	100	15	0.35	28	15	3	7
EAC-015P	150	20	0.4	28	20	4	7

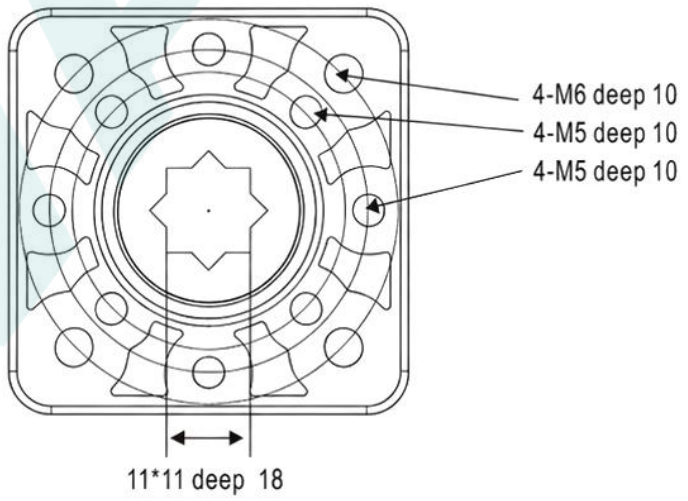
DIMENSION MM

30 NM

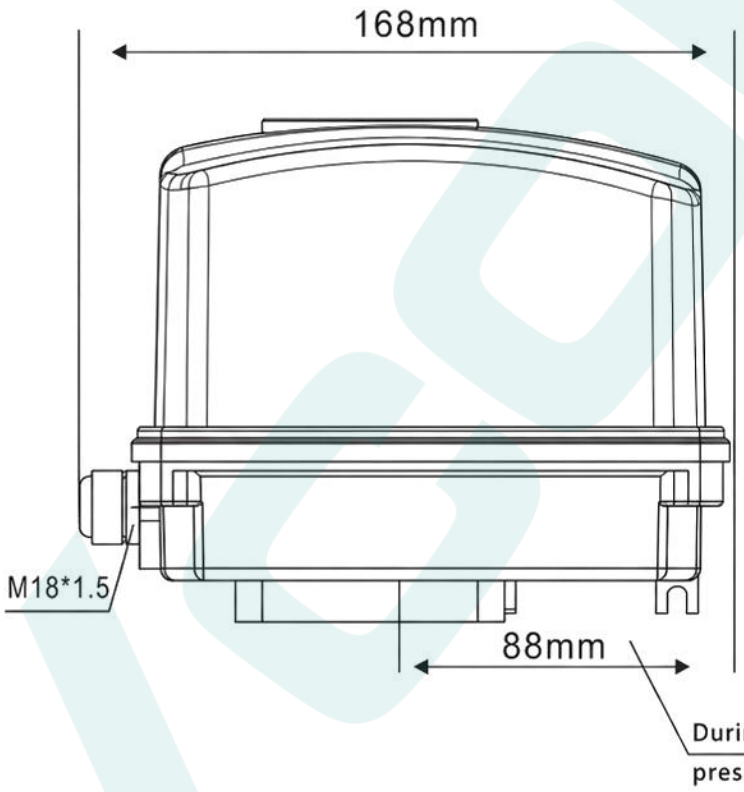


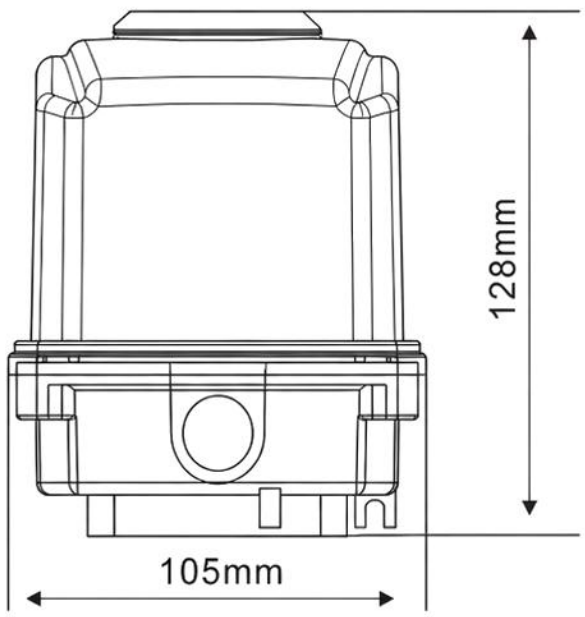


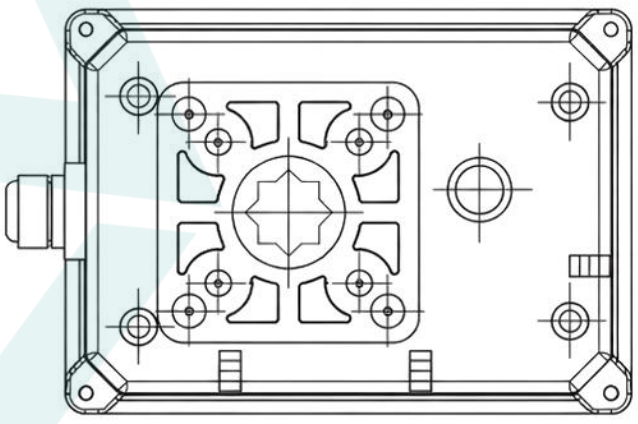


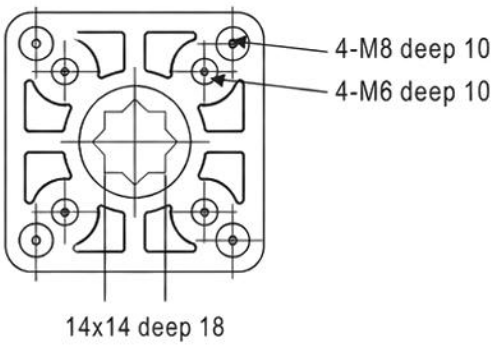


50 NM



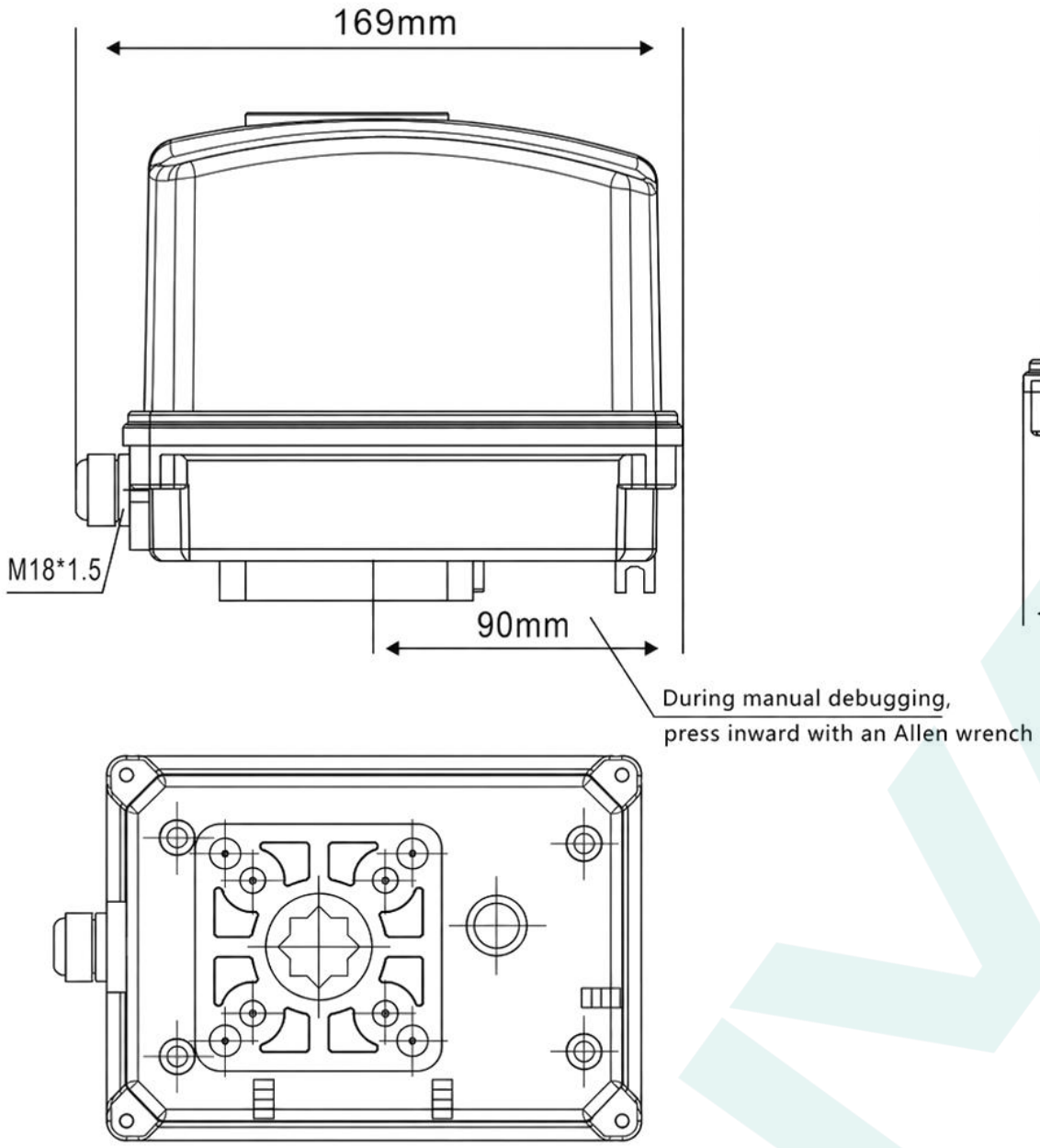


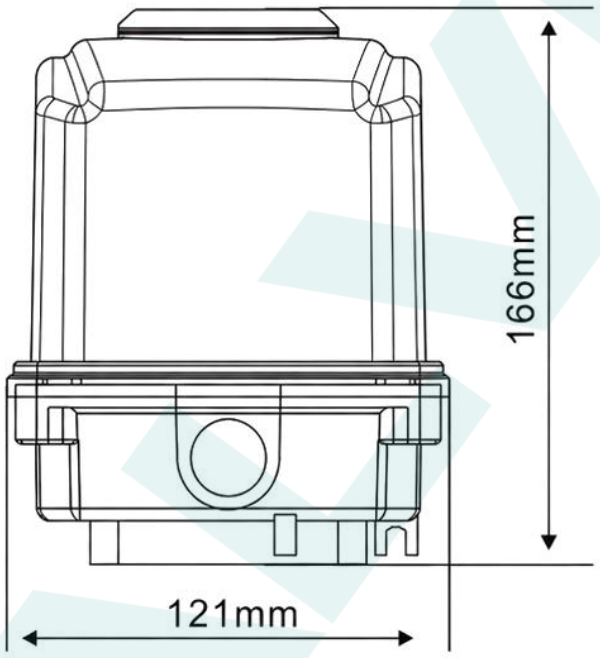


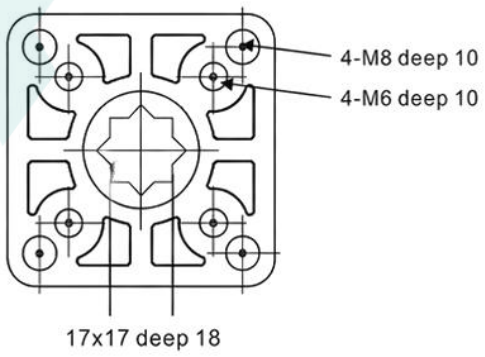


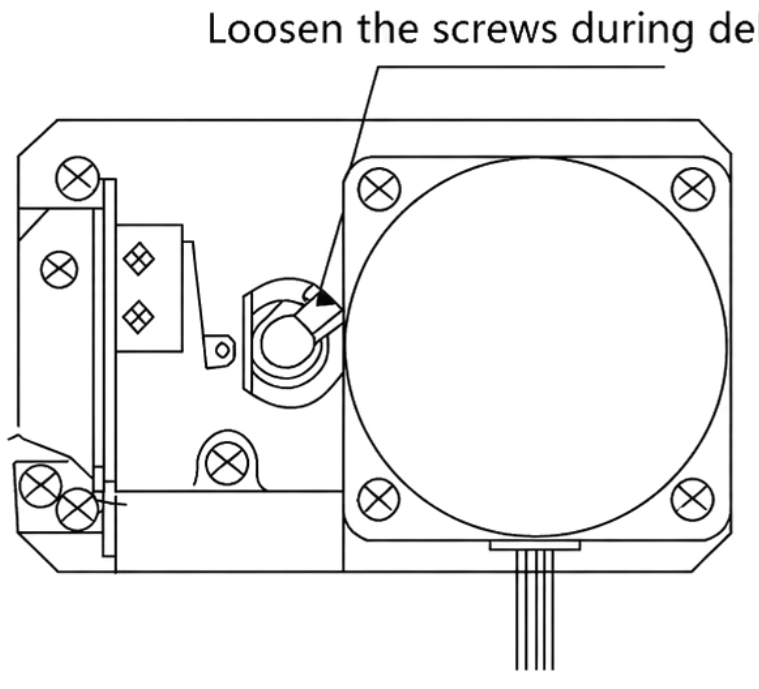
DIMENSION MM

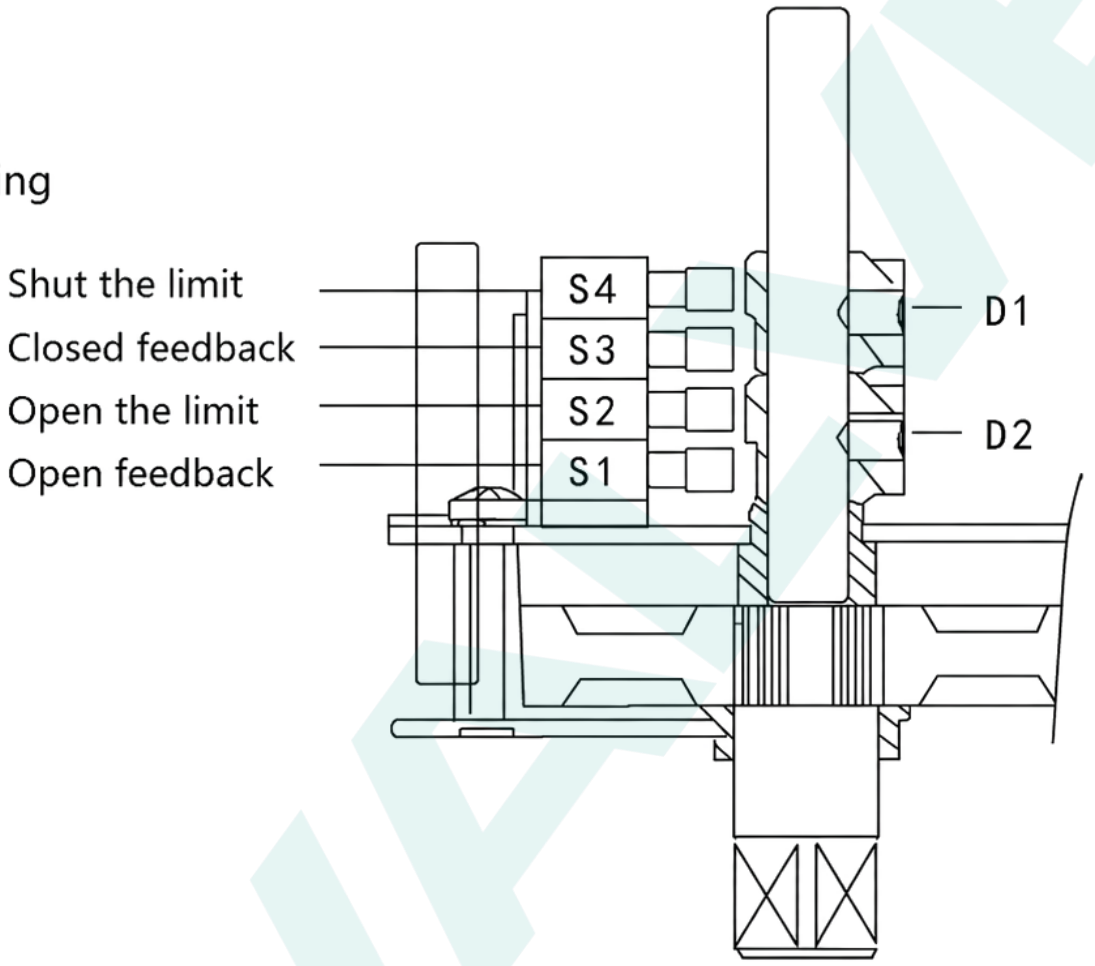
100 NM / 150 NM











ADJUSTMENT OF LIMIT SWITCH (ELECTRICAL LIMIT)

Use the handle to drive the valve to the fully open position,loosen the nut for oneturn,turn the D2 yellow limit block anticlockwise to make it just to the switch limit,and after hearing "dada" twice,the opening is complete.
Use the handle to drive the valve to the fully closed position,turn the D1red limit block clockwise to make it just touch the switch limit,hear “dada" twice,and then complete the locking nut

WIRING DIAGRAM