

HELI 合力®



**FAIL-SAFE
ELECTRIC ACTUATOR**

Company Profile

Wenzhou Heli Automatic Meter Co., Ltd. Founded in 2003, Wenzhou Heli is a high-tech enterprise dedicated to the development and manufacturing of electric actuators and control valves.

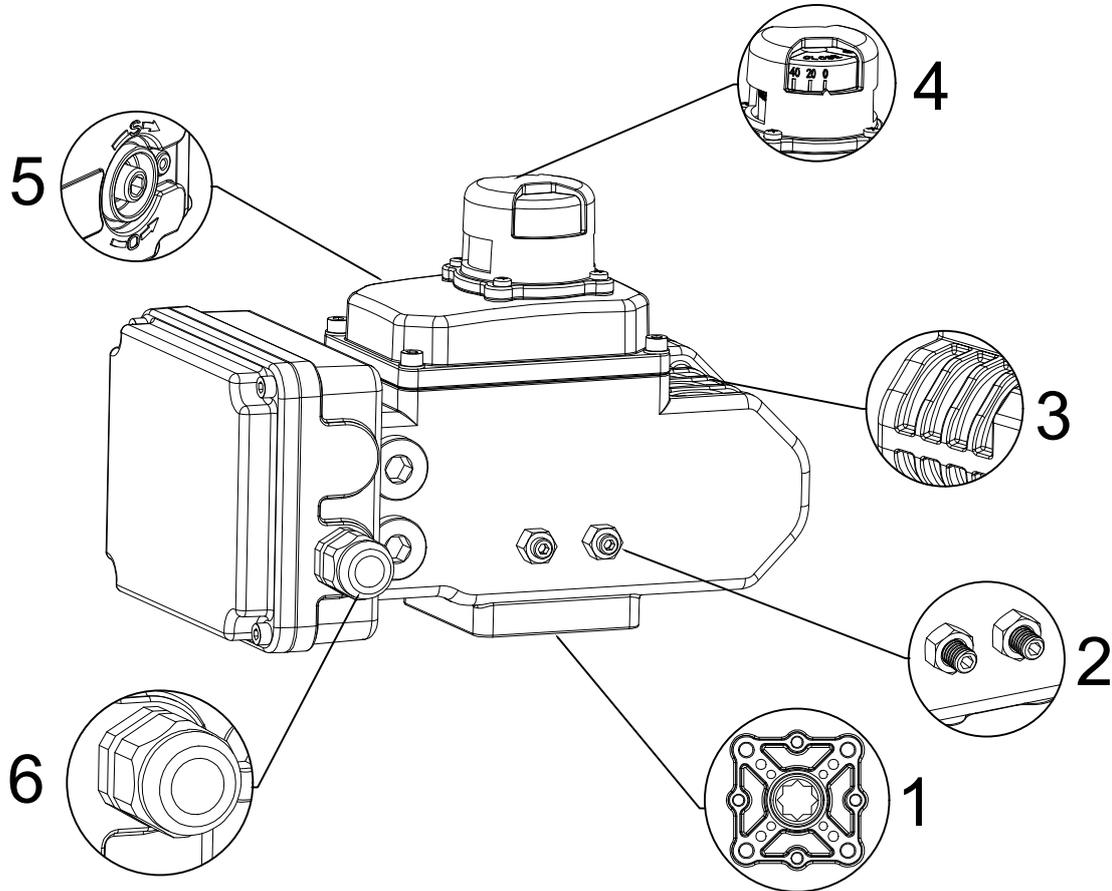
Our products serve a wide range of industries, including Oil & Gas, HVAC, Marine, Mining, Pulp & Paper, Food & Beverage, Power, and Water & Wastewater treatment.

We are certified by DNV, EAC, CE, ROHS, SIL, ATEX, CNEX, CCC, and have achieved protection ratings of IP67 and IP68, ensuring reliability and safety in demanding environments.

We have also implemented management systems in compliance with ISO 9001, ISO 14001, and ISO 45001, ensuring high standards in quality, environmental responsibility, and occupational health and safety.



HL-L Product Overview



1.Connection flange

2.Limit screw

3.Heat sink

4.Position indication

5.Manual override

6.Cable gland

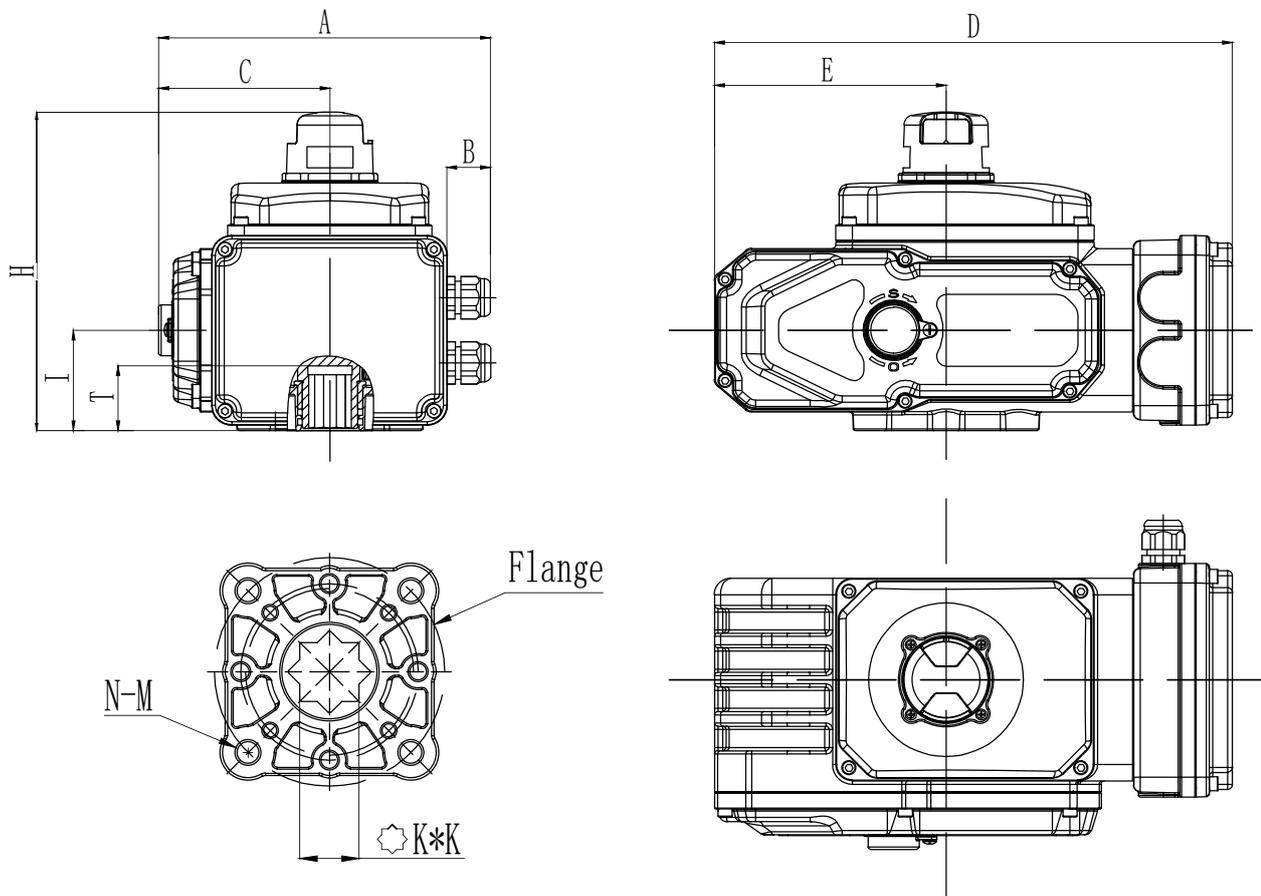
Fail-safe Actuator

The HL-L series delivers a torque output of **50 Nm to 250 Nm** and features a built-in **lithium battery** that drives the actuator to a **safe position** (fully **OPEN/CLOSED/STOP**) in the event of a power failure, ensuring reliable **electronic fail-safe positioning**.

Additional features include

- Selectable fail-safe position via onboard switch (OPEN/CLOSED/STOP)
- High torque capacity, suitable for larger valves
- Stable lithium power source with longer standby life and temperature resilience
- Built-in overload protection: actuator stops automatically when valve is blocked
- Modular design : easy production and maintenance

HL-L Dimensions/ Technical Data



Model	A	B	C	D	E	H	T	I	K*K	Flange	N-M
HL1-05	170	26	75	213	87	130	26	40	9*9 11*11 14*14	F03 F05 F07	4-M5 4-M6 4-M8
HL2-10 HL2-16	177	26	82.5	253	105	139	35	52	14*14 17*17	F05 F07	4-M6 4-M8
HL3-25	201	26	104	315	140	159	45	61.5	17*17 22*22	F07 F10 F12	4-M8 4-M10 4-M12

Model	Torque (N.m)	Time (S/90°)	Motor power (w)	Rated Current (A)	
				24VDC	220VAC
HL1-05	50	20	15	0.7	1.0
HL2-10	100	15	25	0.7	1.0
HL2-16	160	20	25	0.7	1.0
HL3-25	250	15	40	0.7	1.0