



High performance electric motor operated multi turn valve actuator



High performance electric motor operated multi turn valve actuator is a new generation of linear actuator, it uses modular design, with rich scalability features for a variety of valves and similar products. We provide electric actuators for buildings, plants, steelworks, powerplants, etc. AOX is a **supplier**

to many large enterprises. AOX executing agencies are available to more than 30 countries. We are committed to producing high-quality executing high performance electric motor operated multi turn valve actuator at lower economic prices for the benefit of our customers. We are committed to providing our distributors and customers with the best service.



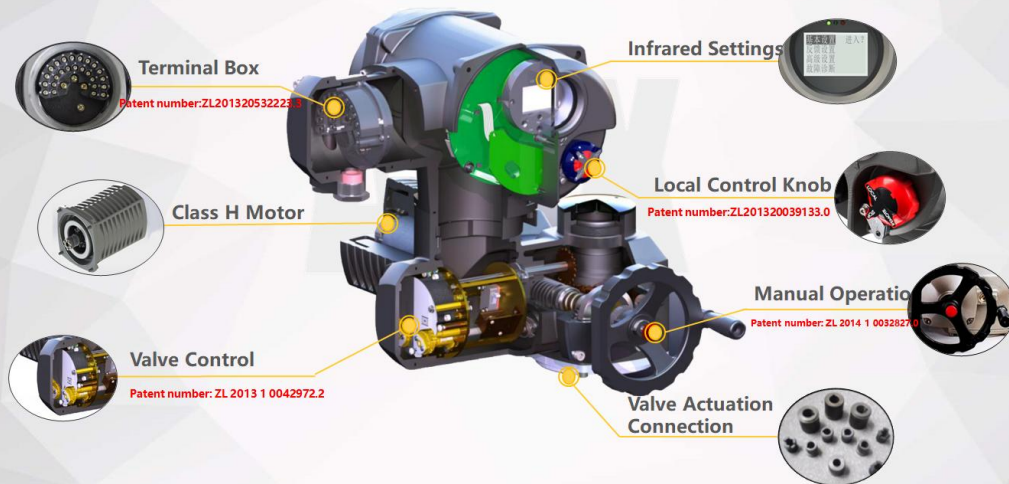


High performance electric motor operated multi turn valve actuator Introduction

High performance electric motor operated multi turn valve actuator is a new generation of linear actuator, it uses modular design, with rich scalability features for a variety of valves and similar products. The electrically operated linear actuators are composed of ON-OFF, modulating and intelligent products. AOX is a Chinese electric actuator **manufacturer**. Over the years, it has experienced various fields of domestic and foreign markets practice and application while getting the reward of multiple national and international qualifications.



Structural Features



Product Image



High performance electric motor operated multi turn valve actuator Parameter (Specification)

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Model	Thrust	Speed	Max travel	power	Rated current(A)	Weight
	N	mm/S	mm	W	220V/50HZ/1PH	Kg
AOX-L-30	3000	1.5	25	30	0.31	17.5
AOX-L-50	5000	1.5	40	45	0.42	19
AOX-L-80	8000	1.5	60	60	0.62	19.5
AOX-L-100	10000	1.5	100	60	0.68	33
AOX-L-160	16000	1.5	100	90	0.85	33
AOX-L-200	20000	1.5	100	90	0.87	33
AOX-L-250	25000	1.5	100	120	1.22	33
AOX-L-300	30000	1.5	100	120	1.28	33

High performance electric motor operated multi turn valve actuator Feature And Application

Force range:3000 - 30000 N

Ambient temperature:-25 °C +70 °C

Corrosion level: Epoxy powder coating. NEMA 4X corrosion protection

Ingress Protection:2* NPT 3/4

Electrical interface:IP67, Optional:IP68

On/off type signal:

Input : AC 110/220 Input

Signal Feedback:Integrated fault contacts,Close the valve contact,Open the valve contact

Forced Switch/Limit Switch

Space heater with thermostat to prevent overheating

Modulation control options can be installed on site

Local control options for easy management and emergency operation

Two-wire control protection

Phase sequence protection

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Additional Mechanical Parts

Through the combination of AOX-M series multi-turn electric actuator and the following mechanical components, other types of valves can be controlled.

	Through the configuration of linear thrust unit, can constitute a direct stroke actuator, suitable for regulating valves. > Thrust: 10~160 KN > Stroke: 16~100mm (other stroke can be customized) Speed: 3.4~7.5mm/S (according to the stroke)
	Through configuration part of the rotary gear box, can constitute a large part of the rotary actuator torque, suitable for butterfly valve, ball valve, plug valves, etc. Torque: 0.2 ~ 1000 KNm speed: 0.2 ~ 43 r/min
	By configuring multi-turn gearbox, can constitute a large output torque rotary actuator, is applicable to gate valves, globe valves, etc. Torque: 0.1 ~ 100 KNm Speed: 2 ~ 600 s
	By configuring the turn arm type gear box, can turn a arm type actuator, applicable to the throttle, damper valve, butterfly valve, etc. Torque: 0.2 ~ 1000 KNm Speed: 0.2 ~ 43 r/min



High performance electric motor operated multi turn valve actuator details

1. Motor of high performance electric motor operated multi turn valve actuator
Fully enclosed squirrel-cage motor, small size, large torque, small inertia force, insulation class F, built-in thermal protection switch to prevent damage to the motor, the power supply voltage and operating formats optional.
2. The display of valve position
During the opening or closing movement of actuator, the change of valve position is real-time display on the LCD screen with large numbers.
3. Installation for high performance electric motor operated multi turn valve actuator
The bottom of the installation size consistent with the valve standards, if valve installation size does not match, then need to be designed.