



## **New Electric Motor Operated Linear Valve Actuator**

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control of linear action.

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### **Summary**

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Product Introduction of the new electric motor operated linear valve actuator

The new electric motor operated linear valve actuator of the "AOX-L" series uses an intelligent module. The intelligent module uses a highly integrated, low power consumption microcontroller and analogue circuit hybrid control board, with an all-metal external mounting, so that the heat source of the actuator motor is effectively isolated from the control board, largely improving the anti-interference performance and temperature resistance of the software and hardware. Digital display of the valve position: during opening or closing of the actuator, the change of the valve position is displayed in real time on the LCD screen in a large digital format.

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## Product Parameter ( Specification )of the new electric motor operated linear valve actuator

Limit switch:	2×Open/ Close, SPDT,250VAC 10A
Auxiliary limit switch:	2×Open/ Close, SPDT,250VAC 10A
External coating:	Dry powder, Epoxy polyester,high anti-corrosion
Fail safe/ Operating temperature:	Internal-placed thermal protection, Open 115 °C ±5 °C/Close 97 °C ± 5 °C
Indicator:	Continuous position indicator
Manual operate:	Declutching mechanism, operate by handwheel

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Self-locking device:	Self-locking by worm and worm gear
Mechanical limit:	2 × external adjustable stopper
Space heater:	30W(110V/220VAC)
Conduit entry:	2 × M18*1.5
Ambient temperature:	-30°C ~+70°C
Lubrication:	Grease moly ( EP type )
Anti-vibration:	X Y Z 10g,0.2~34 Hz,30 minutes
Other faction:	Space heater with thermostat to prevent overheating; Provide a wide range of voltage; Strong structure, accurate positioning, reliable performance; Hand/auto clutch switching; Local control/auto hold; Modular design; Mechanical interlock

Model	Thrust	Speed	Max travel	power	Rated current(A)	Weight
	N	mm/S	mm	W	220V/50HZ/1PH	Kg
AOX-L-30	3000	1	25	30	0.31	17.5
AOX-L-50	5000	1	40	45	0.42	19
AOX-L-80	8000	1	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

## **Manufacturing process of the new electric motor operated linear valve actuator**

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## **Production details of the new electric motor operated linear valve actuator**

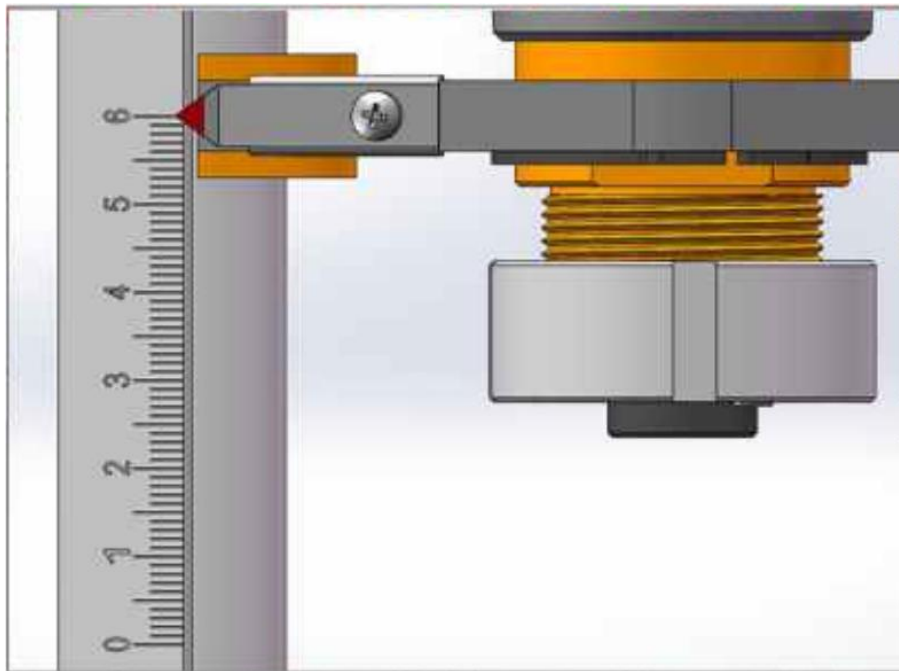
The "AOX-L" series electric actuators have an indicator mounted on the support shaft, making it easier and more intuitive to observe the actuator in use. The use of stainless steel scale markers and stainless steel slider material, more wear resistance and greater strength.

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