



Electric Motor Linear Actuator

With Handwheel

Electric motor linear actuator with handwheel 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

executing agencies are available to more than 30 countries. We are committed to producing high-quality executing electric motor linear actuator with handwheel at lower economic prices for the benefit of our customers. AOX has its own factory in China. e are committed to providing our distributors and customers with the best service.

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Electric motor linear actuator with handwheel Introduction

Electric motor linear actuator with handwheel with handwheel is specially designed for linear operating valves such as globe valve and similar usages. Electric motor linear actuator with handwheel driven by 380V/220V/110VAC or 24V/110VDC power, inputs 4-20mA or 0-10VDC control signal, moves valve to the right position, and achieves to automatic control, the maximum output force is 30000N. AOX is a supplier to many large enterprises.AOX are committed to providing our distributors and customers with the best service.

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Electric motor linear actuator with handwheel 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

Electric motor linear actuator with handwheel Feature And Application

Force range:3000 - 30000 N

Running speeds: 1.5 mm/s

Motor Specifications:Class F, with thermal protector up to +135 °C (+275 °F)

Working System

On-off Type: S2 - 15 min, no more than 600 times per hour start

Modulating Type: S4 - 50 %, up to 600 triggers per hour

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

Strong structure, accurate positioning, reliable performance

Compact internal arrangements

Hand/auto clutch switching

Self-diagnosis fault alarm

Conditional control protection

Electric motor linear actuator with handwheel details

1.Valve connection

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Through different bracket connection, electric motor linear actuator with handwheel with handwheel can be suitable for different valves. Using stainless steel scale ruler and stainless steel slider.

2.Intelligent module

Electric motor linear actuator with handwheel with handwheel using highly integrated, low-power microcontroller and analog circuit mixed control panel, using all-metal plug-in installation, it can effectively isolate the actuator motor heat and control board, greatly improve the software and hardware anti-jamming performance and temperature resistance.

3.Installation

The bottom of the installation size consistent with the valve standards, if valve installation size does not match, then need to be designed.

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