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New Automation Electric Linear Actuator

"AOX-L" series is the new automation electric linear actuator developed by AOX for more than 20 years. It is applicable to gate valves, globe valves, control valves and other valves. The thrust value ranges from 3000-30000N. It can also be matched with corresponding valves through different supports. The control circuit of "AOX-L" series conforms to the single-phase or three-phase power supply standard. .AOX's "AOX-L" series motor operated linear actuator serve all over the world, including Europe, the Americas, ICAO, Australia,

Africa, Asia, the Middle East and Southeast Asian countries.

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Summary

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Product Introduction of the new automation electric linear actuator

The connection between the "AOX-L" series new automation electric linear actuator and the Zhejiang Aoxiang Auto-Control Technology CO.,Ltd

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valve shall follow the following principles: 1. The size of the flange mounting hole at the bottom of the actuator shall comply with ISO5211 standard. If the installation dimension of the valve is inconsistent with it, it shall be designed separately. 2. The actuator and the valve are connected to the lower flange through the detachable split nut on the screw nut. During installation, remove the split nut, connect the actuator output shaft and the valve stem with the split nut, and then tighten the split nut for fixation.



Product Parameter (Specification)of the new automation electric linear actuator

Anti-vibration level:	JB/T 8219
Ingress Protection:	2* NPT 3/4
Electrical interface:	IP67, Optional:IP68
Signal Feedback:	Integrated fault contacts,Close the valve contact,Open the valve

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	contact
Input signal:	4 - 20 mA; 0 - 10 V; 2 - 10 V
Output signal:	4 - 20 mA; 0 - 10 V; 2 - 10 V
Power:	Standard:220VAC/1ph; Optional:110VAC/1ph, 380V/440V/3ph,50/60Hz
Motor:	Asynchronous motor
External coating:	Dry powder, Epoxy polyester,high anti-corrosion
Manual operate:	Declutching mechanism, operate by handwheel
Mechanical limit:	2 × external adjustable stopper
Ambient temperature:	-30℃ ~+70℃
Lubrication:	Grease moly (EP type)
Material:	Steel, Aluminum alloy, Aluminum bronze,Polycarbonate
Anti-vibration:	X Y Z 10g,0.2~34 Hz,30 minutes

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

FAQ of the new automation electric linear actuator

We are always ready for providing the sample and producing some small orders, in order to meet the business well. We are always ready to hear from you.

Q : How long is the sample time of the slipper?

A :The products we have in stock, if it's specially customized it takes about 3-5 days.

Q: Can we have our logo or company name to be printed on your products or package?

A :Sure. Your Logo could be printed on your products by sticker.

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Production details of the new automation electric linear actuator

number	performance	parameter
1	Motor power supply control	Silicon controlled rectifier relay unit
2	Motor load type	S2-30min (switching type), S4-25% (regulating type)
3	pilot signal	Output 4-20mADC, 1-5VDC or other optional bus.
4	Sensitivity (dead zone)	0.3%~2.5%
5	Input impedance	150Q、750Q
6	Collective alarm signal	Phase sequence error or loss, motor overheat protection tripping (overheat protection switch)
7	field control	Select on-site-stop-remote switch (lockable), knob: on-off, display screen.

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