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Electric Motor Linear Actuator With Integral Control

"AOX-Q-L" series electric motor linear actuator with integral control is a linear actuator developed by AOX. The maximum stroke can be up to 1m according to the needs of the site, and the maximum thrust can be up to 40000N. It is widely used for valve switching and regulation control of linear action. Moreover, the product has obtained CE and explosion-proof certification, which has wider applicability.

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Summary

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Product Introduction of the electric motor linear actuator with integral control

"AOX-Q-L" The series electric motor linear actuator with integral control is a manual structure part. The design of the handwheel ensures safety, reliability, labor saving and small size. When the power is off, the clutch handle can be pulled for manual operation. When the power is on, the clutch automatically resets, and the handle is in the manual state. Do not manually switch to the automatic state. The limit switch has electronic double limit, adjustable travel, safety and

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reliability; the electronic limit switch is controlled by the cam mechanism The simple adjustment mechanism can set the position accurately and conveniently. (this function is not required for intelligent integrated products)



Product Parameter (Specification)of the electric motor linear actuator with integral control

Running speeds:	0.33 mm/s - 1 mm/s
Ambient temperature:	-25 °C +70 °C
Anti-vibration level:	JB/T 8219
Ingress Protection::	2* NPT 3/4
Electrical interface:	IP67, Optional:IP68

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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
Modulating type signal:	Input signal: 4 - 20 mA; 0 - 10 V; 2 - 10 V Output signal: 4 - 20 mA; 0 - 10 V; 2 - 10 V Loss Signal Mode Setting: N/A Dead Zone: ≤2%
Time Lag:	N/A
Shell:	Enclosure : IP67, NEMA4, Exd II CT5
Motor:	Asynchronous motor
Limit switch:	2×Open/ Close, SPDT, 250VAC 10A
Torque switch:	Close/Open, each 1, Except AOX-QL-20/30/50/80 SPDT, 250VAC 10A
Indicator:	Continuous position indicator
Conduit entry:	2 × PF 3/4"
Material:	Steel, Aluminum alloy, Aluminum bronze, Polycarbonate

Model	Thrust N	Speed mm/S	Max travel mm	power W	Rated current(A) 50HZ				Weight Kg
					Single-phase		Three-phase		
					110V	220V	380V	440V	
AOX-Q-L20	2000	0.66	60	20	1.10/0.95	0.55/0.54	0.30/0.30	N/A	18
AOX-Q-L30	3000	0.66	60	20	1.10/0.95	0.55/0.54	0.30/0.30	N/A	18
AOX-Q-L50	5000	0.66	60	20	1.10/0.95	0.55/0.54	0.30/0.30	N/A	18
AOX-Q-L80	8000	0.33	60	20	1.10/0.95	0.55/0.54	0.30/0.30	N/A	18
AOX-Q-L100	10000	0.50	60	40	1.65/1.67	0.88/0.84	0.31/0.31	0.30/0.31	30
AOX-Q-L160	16000	0.50	100	40	1.67/1.67	0.89/0.85	0.31/0.31	0.30/0.31	32
AOX-Q-L200	20000	0.44	100	90	1.85/1.86	0.92/0.92	0.35/0.35	0.34/0.34	33
AOX-Q-L250	25000	0.44	100	90	3.60/3.62	1.55/1.58	0.59/0.59	0.58/0.58	34
AOX-Q-L300	30000	0.44	100	90	3.65/3.6	1.60/2.2	0.60/0.5	0.59/0.5	35

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Our advantage of the electric motor linear actuator with integral control

We have a standardized quality control system. Each actuator will undergo product testing before leaving the factory. We have almost no customer complaints in 3 years. .



FAQ of the electric motor linear actuator with integral control

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 regular products we all have in stock, if it is specially customized it takes about 3-5 days.

Q:Do you have stock ?

A :Most of products are under regular production we can make delivery immediately if we the specific one in stock.

Q. The question about payment or other question:

A :Pls email me or chat with me directly.

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