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## **New Design Electric Linear Valve**

### **Actuator**



New design electric linear valve actuator is specially designed for linear operating valves such as globe valve and similar usages. New design electric linear valve actuator provide the most reliable solution to satisfy our valuable customers and exceed expectations. AOX is a supplier to many

large enterprises. AOX will continue to develop more advanced products integrating high technology and be ready the most reliable solution.

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Zhejiang Aoxiang Auto-Control Technology CO.,Ltd

Tel: [+86-577-59890750](tel:+86-577-59890750)

Phone: [+86-18967766527](tel:+86-18967766527)

Fax: +86-0577-65921296

E-mail: [zjaox@zjaox.com](mailto:zjaox@zjaox.com)



## **New design electric linear valve actuator Introduction**

New design electric linear 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.Over the years, our new design electric linear valve actuator have been exported in batches every year, and have been widely and successfully used in water treatment, petroleum, electric power, chemical and other industries. AOX has its own factory.AOX will design and manufacture products solidly and continue our efforts to create more value for customers.

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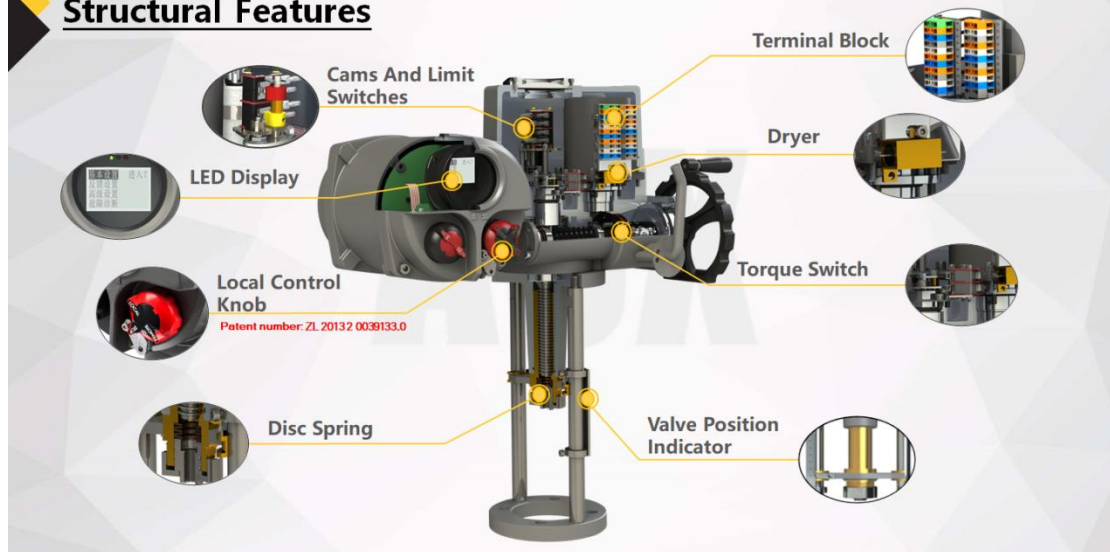
Tel: +86-577-59890750

Phone: +86-18967766527

Fax: +86-0577-65921296

E-mail: [zjax@zjax.com](mailto:zjax@zjax.com)

## Structural Features



## Product Image





## New design electric linear valve actuator Parameter (Specification)

Model	Thrust	Speed	Max travel	power	Rated current(A) 50HZ				Weight
					Single-phase		Three-phase		
					110V	220V	380V	440V	
AOX-QL-20	2000	0.66	60	20	1.10/0.95	0.55/0.54	0.30/0.30	N/A	18
AOX-QL-30	3000	0.66	60	20	1.10/0.95	0.55/0.54	0.30/0.30	N/A	18
AOX-QL-50	5000	0.66	60	20	1.10/0.95	0.55/0.54	0.30/0.30	N/A	18
AOX-QL-80	8000	0.33	60	20	1.10/0.95	0.55/0.54	0.30/0.30	N/A	18
AOX-QL-100	10000	0.50	60	40	1.65/1.67	0.88/0.84	0.31/0.31	0.30/0.31	30
AOX-QL-160	16000	0.50	100	40	1.67/1.67	0.89/0.85	0.31/0.31	0.30/0.31	32
AOX-QL-200	20000	0.44	100	90	1.85/1.86	0.92/0.92	0.35/0.35	0.34/0.34	33
AOX-QL-250	25000	0.44	100	90	3.60/3.62	1.55/1.58	0.59/0.59	0.58/0.58	34
AOX-QL-300	30000	0.44	100	90	3.65/3.62	1.60/2.20	0.60/0.59	0.59/0.59	35

## New design electric linear valve actuator Feature And Application

Force range:2000 - 30000 N

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

Anti-vibration level:JB/T 8219

Noise level:Less than 75 dB within 1 m

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

Self-locking with minimum backlash

Forced Switch/Limit Switch

Strong structure, accurate positioning, reliable performance

Local control options for easy management and emergency operation

Two-wire control protection

Mechanical interlock protection

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## **New design electric linear valve actuator Details**

### **1. Motor of new design electric linear valve actuator**

Asynchronous motor, small, large torque, and small inertia force, F-class insulation rating, with thermal protection to avoid damaging.

### **2.Space heater for new design electric linear valve actuator**

It is used for controlling temperature to avoid condensing internal of housing and keep dry.

### **3.Self-locking**

Accurate worm and worm gear transfer large torque efficiently , high efficiency, low noise (max. 50 dB), long life, with self-locking, prevent inversion, as stable and reliable transmission parts, no need to refuel.