



Intelligent Automation Electric

Linear Actuator

Intelligent automation electric linear actuator apply to fastidious control automation work in industrial environments with explosion-proof protection. AOX attaches great importance to remote control linear

electric actuator design, and the design team has strong ability of product design and innovation. AOX has its own factory. AOX has complete intellectual property rights and many technical patents. We expect to be your long term partner in the near future.

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Intelligent automation electric linear actuator Introduction

Intelligent automation electric linear actuator is suitable for modulating and open-close duty of control and process technology to operate control valves. AOX is a Chinese electric actuator manufacturer. AOX has been committed to the design and manufacture of excellent intelligent automation electric linear actuator and control equipment. It is this successful positioning and strong product quality awareness of all process staff that makes AOX a supplier of valve automation solutions.

Zhejiang Aoxiang Auto-Control Technology CO.,Ltd

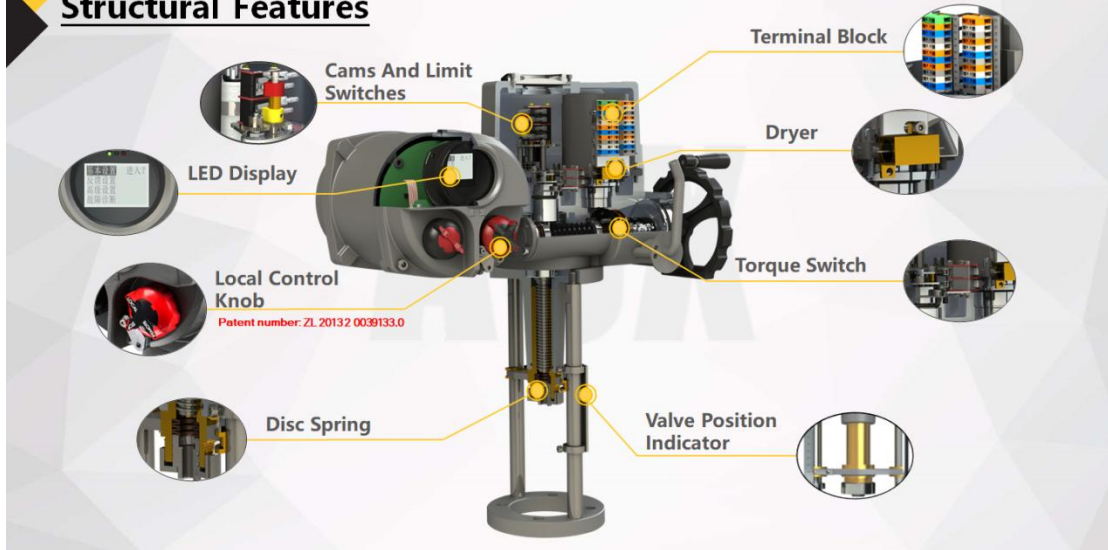
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Structural Features



Product Image





Intelligent automation electric linear 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 |

Intelligent automation electric linear actuator Feature And Application

Force range:2000 - 30000 N

Max stroke:100 mm

Running speeds: 0.33 mm/s - 1 mm/s

Noise level:Less than 75 dB within 1 m

Applicable Voltage:

Single phase: Voltage ($\pm 10\%$); Hz ($\pm 5\%$)

50 Hz (24, 220, 230, 240 Volts)

60 Hz (24, 110, 120, 220, 230, 240

3 phase: Voltage ($\pm 10\%$); Hz ($\pm 5\%$)

50 Hz (220, 240, 380, 400, 460, 500, 525, 550 Volts)

60 Hz (208, 220, 230, 240, 380, 440, 460, 480, 575,600 Volts)

DC : 24 V ($\pm 10\%$)

Time Lag:N/A

Related humidity: <90%(25°C)

Strong structure, accurate positioning, reliable performance

Wide range of applications and control systems

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Compact internal arrangements
Remote control setting
Self-diagnosis fault alarm
Modular design.

Intelligent automation electric linear actuator Details

1.Installation

The installation size of intelligent automation electric linear actuator meets international standard,if the installation of the valve does not match the size, then use other design .

2.Circuit

Controlling circuit meets the single-phase or three-phase power supply standard, circuit layout is reasonable and compact, terminals meet various of additional functional requirements effectively.

3.Intelligent module

Intelligent automation electric linear actuator use single ship computer with high integration and low power consumption and control panel with Hybrid Analog Circuit , all metal plug-in installation is adopted, so that the implementation of the motor heat source and the control board is effectively isolated, greatly improve anti-interference performance and temperature resistance of the software and hardware.

4.Multi control mode

End user can send open, close, stop, or proportional control signals through distributed control system (DCS) or programmable logic controller (PLC) from a distance so as to open or close the valve to control flow. The operator can also open or close the valve through local control panel or infrared remote control which is convenient to the debugging and maintenance of the intelligent automation electric linear actuator.

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