



Electric Motor Operated Linear Valve

Actuator With Remote Position

Controller

Electric motor operated linear valve actuator with remote position controller 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 electric motor operated linear valve actuator with remote position controller 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 in China. AOX will design and manufacture products solidly and continue our efforts to create more value for customers.

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Electric motor operated linear valve actuator with remote position controller Introduction

Electric motor operated linear valve actuator with remote position controller is specially designed for linear operating valves such as globe valve and similar usages. Electric motor operated linear valve actuator with remote position controller 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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Electric linear valve actuator with digitalized control Parameter
(Specification)

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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

Electric linear valve actuator with digitalized control Feature And Application

Force range:2000 - 30000 N

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

Ambient temperature:-25 °C +70 °C

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

Anti-vibration level:JB/T 8219

Noise level:Less than 75 dB within 1 m

Ingress Protection:2* NPT 3/4

Electrical interface:IP67, Optional:IP68

Explosion proof mark: EX d II CT5

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

High corrosion resistance

Self-locking with minimum backlash

Strong design structure, O ring system for water proof

Handwheel operated manually

Forced Switch/Limit Switch

Space heater with thermostat to prevent overheating

Provide a wide range of voltage

Electric linear valve actuator with digitalized control details

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1. Manual Structure

The design of Electric linear valve actuator with digitalized control handwheel is safe, reliable, labor-saving, small. Declutch to operate by handwheel if without power, and reset automatically when power on.

2. Limit switch for Electric linear valve actuator with digitalized control

Mechanical, electronic double limit. Mechanical limit stopper is adjustable, safe and reliable; electronic limit switch is controlled by cam. Set position accurately and conveniently.

3. Anti-off bolt

The bolt attaches to the shell and be not off when remove the shell.