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Electric Linear Valve Actuator With Digitalized Control



Electric linear valve actuator with digitalized control 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 linear valve actuator with digitalized control 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 is a supplier to many large enterprises. AOX will design and manufacture products solidly and continue our efforts to create more value for customers.

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Electric linear valve actuator with digitalized control

Introduction

Electric linear valve actuator with digitalized control is a new generation of linear actuator, It uses modular design, with rich scalability features for a variety of valves and similar products. Because our products are all over the world, we are famous for quality, stable operation and safe operation. AOX is a Chinese electric actuator manufacturer. Our electric linear valve actuator with digitalized control, as always, continue this trend and will never change.

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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)	Weight
	N	mm/S	mm	W	220V/50HZ/1PH	Kg
AOX-L-30	3000	1.5	25	30	0.31	17.5
AOX-L-50	5000	1.5	40	45	0.42	19
AOX-L-80	8000	1.5	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

Electric linear valve actuator with digitalized control Feature

And Application

Force range:3000 - 30000 N

Running speeds: 1.5 mm/s

Anti-vibration level:JB/T 8219

Noise level:Less than 75 dB within 1 m

Electrical interface:IP67, Optional:IP68

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 Volts)

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 ($\pm 10\%$)

Self-locking with minimum backlash

Wide range of applications and control systems

Compact internal arrangements

Hand/auto clutch switching

Local control/auto hold

Self-diagnosis fault alarm

Mechanical interlock protection

Contact mode selection

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Electric linear valve actuator with digitalized control details

1. Terminal block

Installed in a separate wiring chamber, using the spring self - type terminal ensure robust and reliable.

2. Intelligent module

Electric linear valve actuator with digitalized control using highly integrated, low-power microcontroller and analog circuit mixed control panel, using all-metal plug-in installation, it can effectively isolate the actuator motor heat and control board, greatly improve the software and hardware anti-jamming performance and temperature resistance.

3. The display of valve position

During the opening or closing movement of electric linear valve actuator with digitalized control, the change of valve position is real-time display on the LCD screen with large numbers.