



New Part Turn Electric Motor Operated Valve Actuator



Summary

The "AOX-VR" series new part turn electric motor operated valve actuator is compact and has excellent weather and vibration resistance. In the event of an actuator power failure, the self-locking drive mechanism ensures that the valve position remains unchanged and is equipped with both electrical and mechanical limits to prevent overtravel.

Product Introduction of the new part turn electric motor operated valve actuator

"AOX-VR" series new part turn electric motor operated valve actuator corrosion protection is anodic oxidation treatment and polyester powder coating, the standard colour is Aoxiang grey, strong corrosion resistance, suitable for industrial corrosive environment (chemical, alumina plant) or marine corrosive environment and other working conditions. The ambient temperature is divided into two gears, the first is the ordinary switch type, ordinary regulation type in the case of $-30\text{ }^{\circ}\text{C} \sim +75\text{ }^{\circ}\text{C}$, the second is the low temperature type ordinary switch type, ordinary regulation type temperature of $-60\text{ }^{\circ}\text{C} - +50\text{ }^{\circ}\text{C}$.

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Product Parameter (Specification)of the new part turn electric motor operated valve actuator

Torque range:	50-600NM
Shell material:	hard aluminum alloy
Position indicator:	in case of power failure, the valve position dial can display continuous position change
Motor:	squirrel cage asynchronous motor, insulation class H
Failure protection / operating temperature:	built in thermal protection, on 120 °C±5 °C / off 97 °C±5 °C

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Dryer:	25-30w (220V AC) anti condensation
Connection port:	2 M20 * 1.5
Travel:	90 ° ~ 270 ° ± 10 ° (specify in advance if the travel is above 90 °); 0 ° ~ 270 ° (optional)
Stall protection / operating temperature:	built in thermal protection, on 120 °C ± 5 °C / off 97 °C ± 5 °C
Output flange:	the bottom installation dimension conforms to ISO5211 international standard
Output shaft:	the drive shaft sleeve can be disassembled and processed according to needs, with strong adaptability. It can be installed vertically or horizontally.
Handle:	reliable, labor-saving, small size
Ambient temperature:	- 25 °C - + 70 °C; (- 30 °C, - 40 °C, - 60 °C) optional)
Lubrication:	aluminum base grease (EP type)
Outer coating:	dry powder, epoxy polyester
Consistency with EC Directive:	The actuator meets the following requirements: 2014 / 30 / EU electromagnetic compatibility; 2014 / 35 / EU low voltage
	The following harmonized standards: General emission standard for industrial environment EN61000-6-4; General anti-interference standard for industrial environment EN61000-6-4; Rotating electrical machine standard EN60034-1

Model	Maximum Output Torque	Action Time:	Output Shaft		Motor Class H	Rated Current (A) 50HZ	Weight
	N • M	(90°)	MM		(W)	220V	(kg)
AOX-VR-005	50	30	Max Φ 16	Max 17×17	10	0.23	4.7
AOX-VR-008	80	60	Max Φ 16	Max 17×17	10	0.23	4.7
AOX-VR-010	100	30	Max Φ 16	Max 17×17	15	0.40	5.5
AOX-VR-015	150	60	Max Φ 16	Max 17×17	15	0.40	5.5
AOX-VR-020	200	30	Max Φ 30	Max 27×27	60	0.48	15

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AOX-VR-030	300	30	Max Φ 30	Max 27 \times 27	60	0.52	15
AOX-VR-040	400	30	Max Φ 30	Max 27 \times 27	60	0.59	15
AOX-VR-060	600	60	Max Φ 30	Max 27 \times 27	60	0.52	15

Product Feature And Application of the new part turn electric motor operated valve actuator

Other manufacturers	The "AOX-VR" series
	
<p>The exterior is old-fashioned and is the old version of the exterior before our upgrade.</p>	<p>The shell is hardened by high temperature, making the substrate more stable, and the surface is oxidised and sprayed after machining, with a strong surface corrosion resistance. This product is our upgraded appearance, the appearance is more exquisite and practical.</p>

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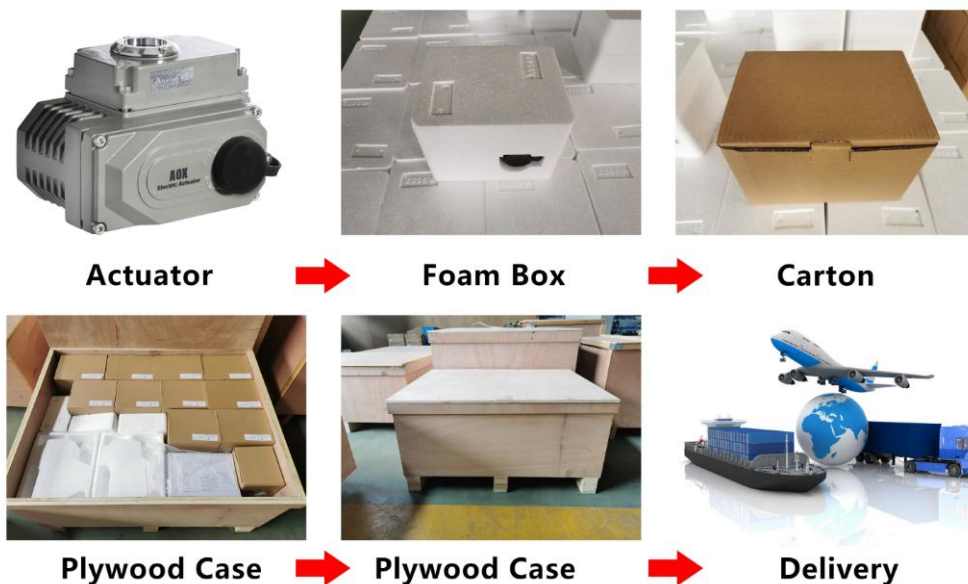
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Packaging of the new part turn electric motor operated valve actuator



In the intelligent quarter-turn electric actuator to ensure product quality, we also pay attention to the details of control, especially the product packaging, fine packaging can effectively ensure the appearance of the product, to bring customers a good experience.

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