



Electric Part Turn Motor Actuator

Summary

"AOX-VR" series electric part turn motor actuator is a small valve actuator independently developed by AOX. It is used to control 0 °~90 ° rotation and other similar products. It is compact in structure and has excellent weather resistance and seismic resistance. When the actuator is powered off, the self-locking transmission

mechanism ensures that the valve position remains unchanged, and double electrical and mechanical limits are set to prevent over travel.

Product Introduction of the electric part turn motor actuator

The shell of the "AOX-VR" series electric part turn motor actuator is hard aluminum alloy, which has been anodized and coated with polyester powder. It has strong corrosion resistance, protection grades of IP67, NEMA 4 and 6, and IP68 and explosion-proof types are available for selection. The totally enclosed squirrel cage motor is adopted, which has the characteristics of small volume, large torque and small inertia force. The insulation grade is H, and the built-in overheat protection switch can prevent overheating from damaging the motor.

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Product Parameter (Specification)of the electric part turn motor

actuator

Torque range:	50-600nm				
Enclosure:	protection grade is IP67 (optional IP68), NEMA 4 and 6				
Position indicator:	in case of power failure, the valve position dial can display continuous				
	position change				
Dryer:	25-30w (220V AC) anti condensation				
Connection port:	2 M20 * 1.5				

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Mechanical limit:	2 external adjusting bolts					
Torque switch:	2 x open / close, SPDT, 250V AC 10A (optional)					
Indicators:	switch indicators					
Self locking device:	worm gear and worm mechanism provide self-locking					
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 ℃ - + 70 ℃; (- 30 ℃, - 40 ℃, - 60 ℃) optional)					
Lubrication:	aluminum base grease (EP type)					
Outer coating:	dry powder, epoxy polyester					
	The actuator meets the following requirements: 2014 / 30 / EU electromagnetic compatibility; 2014 / 35 / EU low voltage					
Consistency with EC	The following harmonized standards: General emission standard for					
Directive:	industrial environment EN61000-6-4; General anti-interference standard for industrial environment EN61000-6-4; Rotating electrical machine standard EN60034-1					

Model	Maximu m Output Torque	Action Time:	Output Shaft		Motor Class H	Rated Current (A) 50HZ	Weight
	N • M	(90°)	MM		(W)	220V	(kg)
AOX-VR-00 5	50	30	Мах Ф 16	Max 17 $ imes$ 17	10	0.23	4.7
AOX-VR-00 8	80	60	Мах Ф 16	Max 17 $ imes$ 17	10	0.23	4.7
AOX-VR-01 0	100	30	Мах Ф 16	Max 17 $ imes$ 17	15	0.40	5.5
AOX-VR-01 5	150	60	Мах Ф 16	Max 17 $ imes$ 17	15	0.40	5.5
AOX-VR-02 0	200	30	Мах Ф 30	Max 27 $ imes$ 27	60	0.48	15
AOX-VR-03 0	300	30	Мах Ф 30	Max 27 $ imes$ 27	60	0.52	15
AOX-VR-04 0	400	30	Мах Ф 30	Max 27 $ imes$ 27	60	0.59	15

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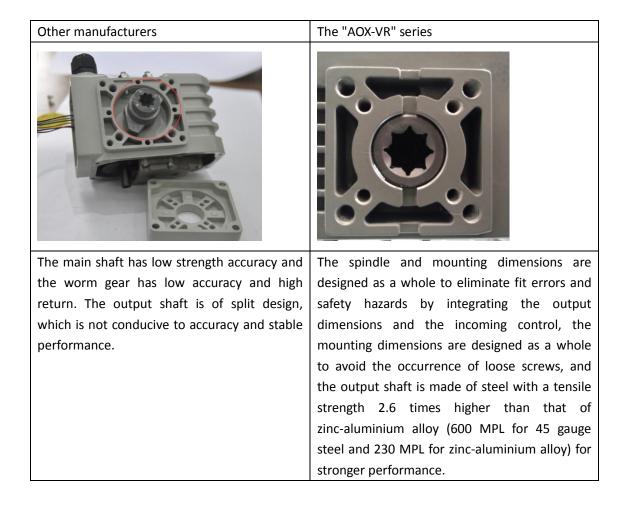
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AOX-VR-06 0	600	60	Мах Ф 30	Max 27× 27	60	0.52	15
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Product Feature And Application of the electric part turn motor actuator



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Manufacturing process of the electric part turn motor actuator



Our company has been engaged in the manufacture of electric actuators for more than 20 years. With mature manufacturing technology and perfect production equipment, we have an annual production capacity of 60,000 units of electric actuators. The main processing equipment includes machining centres, CNC lathes, CNC milling machines, CNC drilling machines, CNC drilling machines, plasma spray welding equipment, spray drying lines and other equipment, more than 300 sets of various machine tools such as milling, boring, drilling, polishing and grinding, etc. The equipment is purchased from well-known domestic companies and produced in many well-known enterprises at home and abroad, with high production efficiency and high processing accuracy.

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