



Compact Part Turn Electric Valve

Actuator



Summary

The "AOX-VR" series compact part turn electric valve actuator is a small actuator developed by AOX. It uses AC380V/220V/110V AC power supply as the driving power, and uses switching value, analog value and digital value as the control signal. Its thrust value is 50~600NM, and its output size complies with the flange rules.

Product Introduction of the compact part turn electric valve actuator

The "AOX-VR" series compact part turn electric valve actuator is designed with a position indicator. The convex mirror position indicator is used to clearly observe the position of the valve from multiple perspectives. The indicator is accurately connected with the output shaft and valve rod in an axial manner, with better protection and explosion-proof performance. The elastic clamp type indicator head is simple, convenient and fast to adjust, and the indicator cover can also be adjusted and fixed 360 degrees, which is simple, convenient and fast.

Zhejiang Aoxiang Auto-Control Technology CO.,Ltd

Tel: +86-577-59890750

Phone: +86-18967766527

Fax: +86-0577-65921296

E-mail: zjaox@zjaox.com



Product Parameter (Specification)of the compact part turn electric valve 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
Motor power	110 / 220V AC 1phase, 380 / 440V AC 3phase, 50 / 60Hz, $\pm 10\%$

Zhejiang Aoxiang Auto-Control Technology CO.,Ltd

Tel: +86-577-59890750

Phone: +86-18967766527

Fax: +86-0577-65921296

E-mail: zjaox@zjaox.com



supply:	
Motor:	squirrel cage asynchronous motor, insulation class H
Dryer:	25-30w (220V AC) anti condensation
Connection port:	2 M20 * 1.5
Limit switch:	2 x open / close, SPDT, 250V AC 10A
Auxiliary limit switch:	2 x open / close, SPDT, 250V AC 10A
Torque switch:	2 x open / close, SPDT, 250V AC 10A (optional)
Stall protection / operating temperature:	built in thermal protection, on 120 °C±5 °C / off 97 °C±5 °C
Indicators:	switch indicators
Manual operation:	mechanical handle
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
Mechanical limit:	2 external adjusting bolts
Wiring hole:	2 M20 × one point five
Lubrication:	aluminum base grease (EP type)
Ambient humidity:	Max 90% RH; Non condensing
Seismic performance:	X Y Z 10g, 0.2 ~ 34 Hz, 30 minutes
Outer coating:	dry powder, epoxy polyester

Model	Maximum Output Torque	Action Time:	Output Shaft		Motor Class H	Rated Current (A) 50HZ	Weight (kg)
	N · M	(90°)	MM		(W)	220V	
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	Max 27×	60	0.48	15

Zhejiang Aoxiang Auto-Control Technology CO.,Ltd

Tel: +86-577-59890750

Fax: +86-0577-65921296

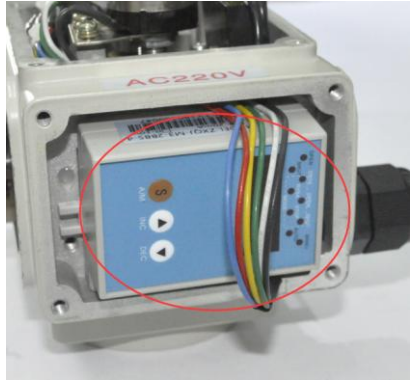

Phone: +86-18967766527

E-mail: zjaox@zjaox.com



0			30	27			
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 compact part turn electric valve actuator

Other manufacturers	The "AOX-VR" series
	
<p>The modules are not fixed and are prone to dummy soldering of the electrical components under vibrating field conditions, resulting in unstable performance.</p>	<p>The use of weakly controlled power supplies does not affect the quality of the modules due to unstable voltage on site. The modules are fixed to ensure stable performance under any high intensity vibration conditions.</p>

Production quality control of the compact part turn electric valve actuator

In order to improve production efficiency and provide customers with the most satisfactory products ("AOX-VR" series compact part turn electric valve actuator), we have strengthened the Zhejiang Aoxiang Auto-Control Technology CO.,Ltd

Tel: +86-577-59890750

Fax: +86-0577-65921296

Phone: +86-18967766527

E-mail: zjaox@zjaox.com



www.aox-privod.com

management of the entire process from product design and procurement to manufacturing and service, and have established documented control procedures for each step according to the ISO9001 standard.

Zhejiang Aoxiang Auto-Control Technology CO.,Ltd

Tel: +86-577-59890750

Phone: +86-18967766527

Fax: +86-0577-65921296

E-mail: zjaox@zjaox.com