



## Compact quarter turn electric actuator



AOX-R series compact quarter turn electric actuator is newly designed to operation small size ball valve, butterfly valve, plug/damper valves and automation of rotary machines. Since 1997, AOX has made every effort to deliver the highest quality compact quarter turn electric actuator and services for our customers. Through innovative management, technology development and human resources management, we will strive to lead and promote the development of the industry. We are expecting become your long term partner in China.

Torque range: 30~5000N.m

Ambient temperature: -20°C~+70°C

Control method: On and off / modulating type/ Intelligent type

Weight: 2.1 KGS~68 KGS

Material of Actuator Body: Aluminium Alloy

Related humidity: <90%(25°C).

1. Compact design: Small, light and compact design, high torque and various control option for AOX-R series compact quarter turn electric actuator will meet your specific requirement.
2. Machinery self-locking: Accurate worm and worm gear transfer large torque, high efficiency, with self-locking, prevent inversion.
3. Mechanical limit screw: Mechanical limit screw of AOX-R series compact quarter turn electric actuator are adjustable, it prevent the actuator from over travel, safe and reliable.
4. Optional space heater: It is used for controlling temperature to avoid condensing internal of housing and keep dry.

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**Other**



**AOX**



The shell of AOX-R series compact quarter turn electric actuator is hardened by high temperature, which makes the matrix more stable. After machining, the surface is oxidized and sprayed, and the surface has strong corrosion resistance. AOX-R series compact quarter turn electric actuator is the upgraded appearance of our company, the appearance is more exquisite and practical.

Model	Max output torque	Operating Time 90°	Drive shaft(mm)		Power	Rated current (A)	Weight
	N M	( 90° )	Square	Deep	(W)	220VAC/1ph	(kg)
AOX-R-003	30	20	11×11	15.5	8	0.25	2.1
AOX-R-005	50	30	14×14	18	10	0.24	3.6
AOX-R-008	80	30	14×14	18	10	0.26	3.6
AOX-R-010	100	30	17×17	22.5	15	0.40	4.6
AOX-R-015	150	40	17×17	22.5	15	0.42	4.6
AOX-R-020	200	30	22×22	26	60	0.28	13
AOX-R-030	300	30	22×22	26	60	0.32	13.4
AOX-R-040	400	30	22×22	26	60	0.34	13.8
AOX-R-060	600	40	27×27	32.5	60	0.35	14
AOX-R-080	800	40	27×27	32.5	90	0.56	14.3
AOX-R-100	1000	40	27×27	32.5	90	0.59	14.5

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AOX-R-160	1600	60	Max Φ40	65	90	0.60	68
AOX-R-200	2000	60	Max Φ40	65	90	0.62	68
AOX-R-300	3000	120	Max Φ40	65	90	0.64	68
AOX-R-400	4000	200	Max Φ40	65	90	0.66	68
AOX-R-500	5000	200	Max Φ40	65	90	0.67	68

Shell	Aluminum alloy Shell, Enclosure:IP67,IP68 is optional	
Power	Standard:220VAC/1ph Optional:110VAC/1ph, 380V/440V/3ph,50/60Hz, ±10% 24VDC/110VDC/220VDC	
Controlling power	110/220VAC/1ph, 50/60 Hz, ±10%	
Motor	Squirrel-cage asynchronous motor	
Limit switch	2×Open/ Close, SPDT,250VAC 10A	
Auxiliary limit switch	2×Open/ Close, SPDT,250VAC 10A	
Travel	90°~270°±10° (Please specify in advance if over 90°)	0°~270°
Fail safe/ Operating temperature	Internal-placed thermal protection, Open 120°C ±5°C/Close 97°C ±5°C	
Indicator	Continuous situation indication	
Manual operation	Mechanical handle (Handwheel is optional)	
Self-locking device	Self-locking by worm and worm gear	
Mechanical limit	2 x external adjustable stopper	
Space heater	30W (110/220VAC) Anti-condensation	
Conduit entries	2 Pieces M18*1.5 (AOX-R-003 except)	
Ambient temperature	-25°C~+70°C (-30°C、-40°C、-60°C optional)	
Lubrication	Grease moly (EP type)	
Material	Steel, Aluminum alloy, Aluminum bronze, Polycarbonate	
Ambient humidity	Max 90%RH	Non-Condensing

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Anti-vibration	X Y Z 10g,0.2~34 Hz,30 minutes
External coating	Dry powder, Epoxy polyester

No.	Option scheme
1	Heater
2	Water-proof actuator(IP68,10M,250HR)
3	Potionmeter unit(1k-10k)
4	Proportion control unit(Control signal 4-20mA DC/1-5V/10V)
5	Local control units (Local control open/stop/close optional switch, local/remote switch)
6	Travel 120°, 180°, 270°
7	Direct current motor(24VDC)
8	Electric current position sensor (Output 4-20mA DC)
9	Self-reset when power failure
10	Quick opening(2.8s,5s,10s,15s)

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AOX-R series compact quarter turn electric actuator serve all over the world, including Europe, the Americas, ICAO, Australia, Africa, Asia, the Middle East and Southeast Asian countries. It is widely used in water treatment, heating, petroleum, chemical industry, electronics, light industry, food, medicine, textile, paper making, hydropower, ships, smelting, new energy and other fields. In addition, it has established very friendly relations with many Fortune 500 companies. If you are interested in our products, please contact me by E-mail [zjax09@zjax.com](mailto:zjax09@zjax.com).

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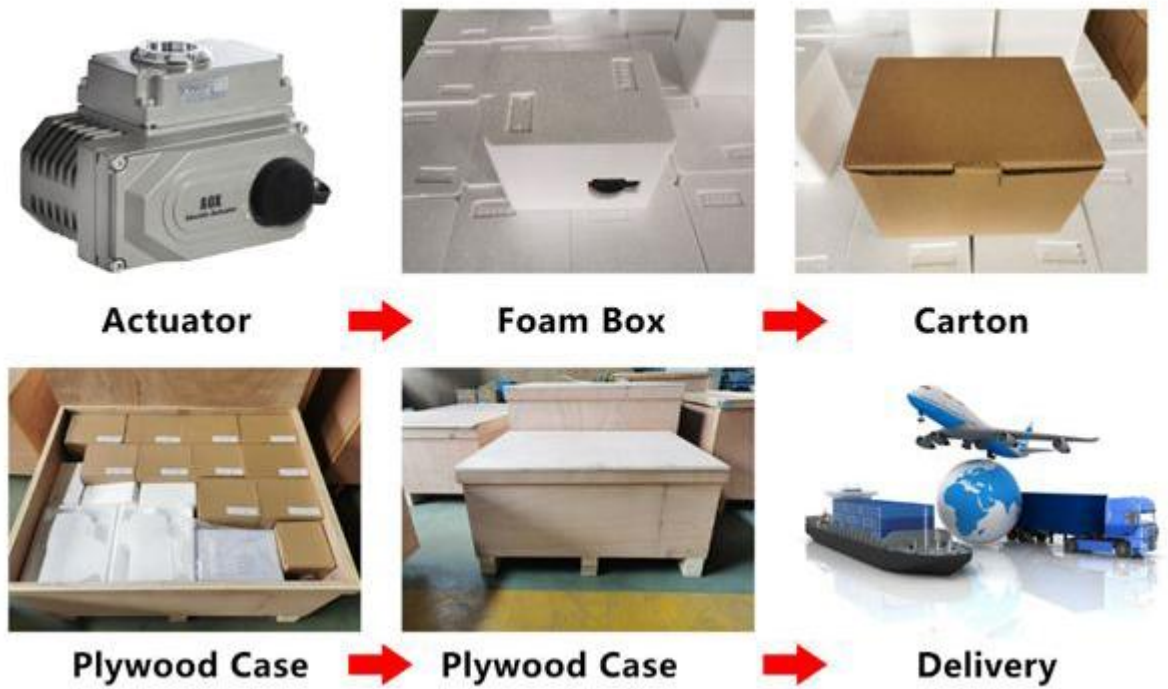
Our company has obtained various domestic and foreign certifications such as ISO9001, ISO14001, CE, ATEX, GOST, EAC, SIL3, IP68, CU-TR, explosion-proof, etc., which fully demonstrates that our AOX-R series compact quarter turn electric actuator fully comply with international standards, and the quality of products is guaranteed.

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In ensuring product quality at the same time, we also pay attention to the details of control, especially product packaging, fine packaging can effectively ensure the appearance of AOX-R series compact quarter turn electric actuator and give customers a good experience.

Package : Plywood case or carton packaging

Shipping: 15 days after payment



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We are always ready for providing the sample and producing some small orders, in order to meet the business well. We are always ready to hear from you.

Q: Do you give any discount for AOX-R series compact quarter turn electric actuator?

A: I'll surely try my best to help you get those by the best price and good service at the same time.

Q: How's the delivery? Because I really need them is urgently?

A: For sample order 3~7 days will be no problem. And for regular order we promise in 15 days.

Q: How's the warranty period for your AOX-R series compact quarter turn electric actuator?

A: We offer one year warranty for our customer.

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