



24VDC Electric Part Turn Motor

Actuator



Summary

The "AOX-Q" series 24VDC electric part turn motor actuator is a new generation product developed by AOX and used together with rotary valves. AOX was founded in 1997. During the past 25 years, AOX has become a national high-tech enterprise integrating

R&D, design, manufacturing and sales.

Product Introduction of the 24VDC electric part turn motor actuator

"AOX-Q" series 24VDC electric part turn motor actuators use a terminal block: we have enough terminals to facilitate users' use, up to 22, to ensure tight and reliable wire connection. The length of the terminal is 8~9mm, and the size of the terminal is 10x22x32mm. The actuator is equipped with a dryer as standard to control temperature, prevent moisture caused by temperature and weather changes from condensing in the actuator, and keep the internal electrical components dry.

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Product Parameter (Specification)of the 24VDC electric part turn motor actuator

Torque range:	50~6000N.m	
Switching time:	22~185 S	
Working time :	S1 long time standard for both On-off and modulating type; S2 standard, 30 min.	
Travel:	90°±10°	0°~270°
Fail safe/ Operating temperature:	Internal-placed thermal protection, Open 120°C ±5°C/Close 97°C ± 5°C	
Manual operate:	Decutching mechanism, operate by handwheel	
Self-locking device:	Self-locking by worm and worm gear	
Mechanical limit:	2 × external adjustable stopper	
Conduit entry:	2 × PT 3/4"	
Ambient temperature:	-25°C~+70°C (-30°C、-40°C、-60°C optional)	
Lubrication:	Grease moly (EP type)	

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Anti-vibration:	X Y Z 10g,0.2~34 Hz,30 minutes
External coating:	Dry powder, Epoxy polyester,high anti-corrosion
Type of On-off Signal:	Contact signal. Pulse signal
Type of Field-bus Signal:	Modbus-RTU, Profibus-DP, etc.
Local Controller:	AOX remote control(Optional)

Model	Max Output Torque	60/50Hz Operating Time	Max Drive Shaft Size	Power	Rated Current (A)				Hand wheel Revolution	Weight
					single phase		three phases			
	N·M	90°	mm	W	110V	220V	380V	440V	N	Kg
AOX-Q-005	50	18/22	Φ20	20	1.10/0.95	0.55/0.54	0.3/0.3	N/A	10	7.5
AOX-Q-008	80	18/22	Φ20	20	1.10/0.95	0.55/0.54	0.3/0.3	N/A	10	7.5
AOX-Q-010	100	18/22	Φ20	20	1.10/0.95	0.55/0.54	0.3/0.3	N/A	10	7.5
AOX-Q-015	150	21/25	Φ20	40	1.65/1.67	0.88/0.84	0.31/0.31	0.30/0.31	11	17.3
AOX-Q-020	200	21/25	Φ20	40	1.67/1.67	0.89/0.85	0.31/0.31	0.30/0.31	11	17.3
AOX-Q-030	300	26/31	Φ32	90	1.85/1.86	0.92/0.92	0.35/0.35	0.34/0.34	13.5	22
AOX-Q-050	500	26/31	Φ32	120	3.60/3.62	1.55/1.58	0.59/0.59	0.58/0.58	13.5	23
AOX-Q-060	600	26/31	Φ32	120	3.65/3.62	1.60/2.20	0.60/0.59	0.59/0.58	13.5	23
AOX-Q-080	800	31/37	Φ40	180	4.10/4.10	2.15/2.20	0.85/0.85	0.79/0.79	16.5	29
AOX-Q-120	1200	31/37	Φ40	180	4.20/4.10	2.35/2.30	0.87/0.87	0.81/0.81	16.5	29
AOX-Q-150	1500	78/93	Φ40	120	3.65/3.62	1.60/2.20	0.60/0.59	0.59/0.58	40.5	77
AOX-Q-200	2000	93/112	Φ40	180	4.10/4.10	2.15/2.20	0.85/0.85	0.79/0.79	49.5	83

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AOX-Q-300	3000	93/112	Φ40	180	4.20/4.10	2.35/2.30	0.87/0.87	0.81/0.81	49.5	83
AOX-Q-400	4000	155/185	Φ40	180	4.20/4.10	2.35/2.30	0.87/0.87	0.81/0.81	82.5	83
AOX-Q-500	5000	155/185	Φ40	180	4.20/4.10	2.35/2.30	0.87/0.87	0.81/0.81	82.5	83
AOX-Q-600	6000	155/185	Φ40	180	4.20/4.10	2.35/2.30	0.87/0.87	0.81/0.81	82.5	83

FAQ of the 24VDC electric part turn motor actuator

Q:Will you will attend the fair to show your products?

A: Of course, we will participate in major industrial equipment exhibitions all over the world. You can find the records of our participation in major exhibitions on our website.

Q: How many employees are there in your factory?

A: AOX currently has nearly 200 employees, of which more than 20% are R&D technicians.

Q: How can I be your agent?

A: Please contact Rico, Email: zjax06@zjax.com , whatsapp:+86 15867740791, we will explain in detail.

Our certificate of the 24VDC electric part turn motor actuator



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AOX has obtained CCC certification, CCS certification, DNV certification, Exd II certification, etc. In addition to product certification, we have also obtained honours such as National High-tech Enterprise, National Intellectual Property Advantage Enterprise, National Torch Plan, Six National Standards Development, Provincial Science and Technology Enterprise, and AAA Grade Contract-keeping and Credit-keeping Unit.

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