



Waterproof Electric Part Turn Ball Valve Actuator



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Summary

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Product Introduction of the waterproof electric part turn ball valve actuator

"AOX-Q" series **waterproof electric part turn ball valve actuators** are widely used in oil, water treatment, power station, heating, building automation, light industry and other industries. The shell of "AOX-Q" series electric actuator has a torque switch, which means it can provide overload protection (except AOX-Q-005 / 008 /

Zhejiang Aoxiang Auto-Control Technology CO.,Ltd

Tel: [+86-577-59890750](tel:+86-577-59890750)

Phone: [+86-18967766527](tel:+86-18967766527)

Fax: +86-0577-65921296

E-mail: zjaox@zjaox.com



010). When the valve is jammed and there is foreign matter, the motor power supply will be automatically disconnected, which can more effectively protect the valve and electric actuator from damage. (it has been set before delivery, please do not change the setting at will.)



Product Parameter (Specification)of the waterproof electric part turn ball valve actuator

Torque range:	50~6000N.m
Switching time:	22~185 S
Material of Actuator Body:	Aluminium Alloy
Type of Modulating Signal:	0-10V, 2-10V, 4-20mA, etc.
Motor:	Asynchronous motor
Limit switch:	2×Open/ Close, SPDT,250VAC 10A

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Auxiliary limit switch:	2×Open/ Close, SPDT,250VAC 10A		
Travel:	90°±10°	0°~270°	
Indicator:	Continuous position indicator		
Self-locking device:	Self-locking by worm and worm gear		
Conduit entry:	2 × PT 3/4"		
Lubrication:	Grease moly (EP type)		
External coating:	Dry powder, Epoxy polyester,high anti-corrosion		
Type of Field-bus Signal:	Modbus-RTU, Profibus-DP, etc.		

Model	Max Output Torque	60/50Hz Operating Time	Max Drive Shaft Size	Rated Current (A)				Hand wheel Revolution	Weight
				single phase 110V	single phase 220V	three phases 380V	three phases 440V		
AOX-Q-005	50 N·M	90°	Φ20 mm	1.10/0.95	0.55/0.54	0.3/0.3	N/A	10	7.5 Kg

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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	1.65/0.67	0.88/0.84	0.31/0.31	0.30/0.31	11	17.3
AOX-Q-020	200	21/25	Φ20	40	1.67/0.67	0.89/0.85	0.31/0.31	0.30/0.31	11	17.3
AOX-Q-030	300	26/31	Φ32	90	1.85/0.86	0.92/0.92	0.35/0.35	0.34/0.34	13.5	22
AOX-Q-050	500	26/31	Φ32	120	3.60/0.62	1.55/0.58	0.59/0.59	0.58/0.58	13.5	23
AOX-Q-060	600	26/31	Φ32	120	3.65/0.62	1.60/0.20	0.60/0.59	0.59/0.58	13.5	23
AOX-Q-080	800	31/37	Φ40	180	4.10/0.10	2.15/0.20	0.85/0.85	0.79/0.79	16.5	29
AOX-Q-120	1200	31/37	Φ40	180	4.20/0.10	2.35/0.30	0.87/0.87	0.81/0.81	16.5	29
AOX-Q-150	1500	78/93	Φ40	120	3.65/0.62	1.60/0.20	0.60/0.59	0.59/0.58	40.5	77

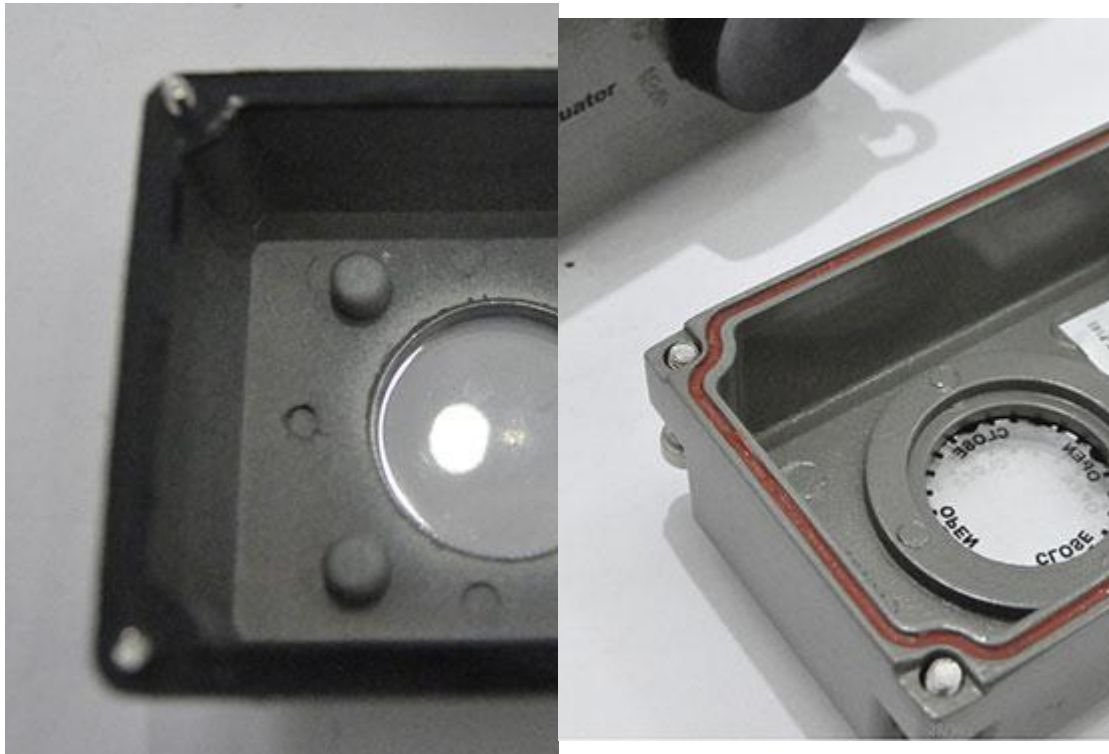


AOX-Q-200	2000	93/112	Φ4 0	180	4.10/4. 10	2.15/2. 20	0.85/0. 85	0.79/0. 79	49.5	83
AOX-Q-300	3000	93/112	Φ4 0	180	4.20/4. 10	2.35/2. 30	0.87/0. 87	0.81/0. 81	49.5	83
AOX-Q-400	4000	155/185	Φ4 0	180	4.20/4. 10	2.35/2. 30	0.87/0. 87	0.81/0. 81	82.5	83
AOX-Q-500	5000	155/185	Φ4 0	180	4.20/4. 10	2.35/2. 30	0.87/0. 87	0.81/0. 81	82.5	83
AOX-Q-600	6000	155/185	Φ4 0	180	4.20/4. 10	2.35/2. 30	0.87/0. 87	0.81/0. 81	82.5	83

Product Feature And Application of the waterproof electric part turn ball valve actuator

Other electric actuators

AOX-Q series



For the products designed by other electric actuator manufacturers, the rubber pad is directly used for shell connection. However, the rubber pad is easy to be deformed due to temperature and other reasons, resulting in reduced sealing performance and poor appearance. For debugging, the upper and side covers need to be opened respectively for wiring. AOX's electric actuator is very careful in sealing mode. The upper and lower covers are of concave convex structure, with O-rings inside. It has strong sealing performance, beautiful appearance, high protection level, and more convenient for debugging and wiring. Just open the upper cover.

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Production details of the waterproof electric part turn ball valve actuator

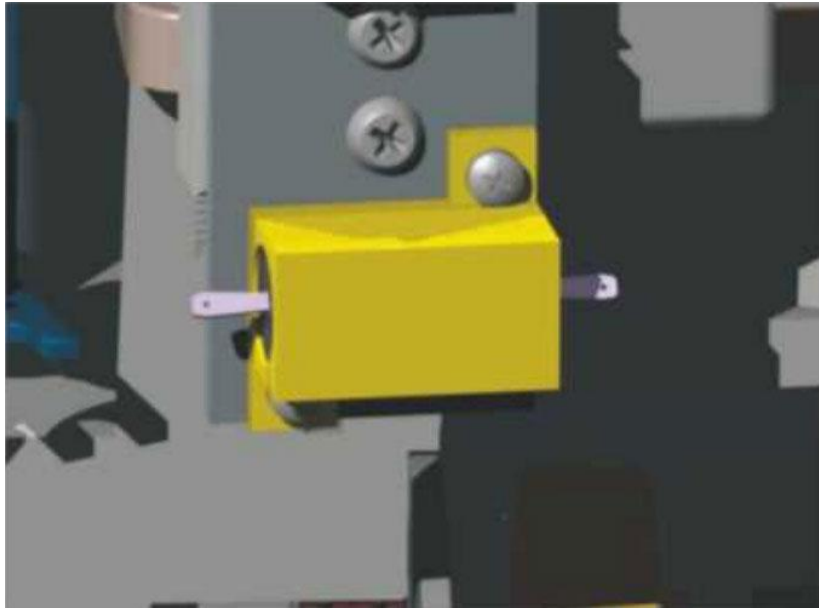
1. Terminal block

There are enough terminals for users to use conveniently, up to 22, which can ensure the fastening and reliable wire connection. Terminal length: 8 ~ 9mm (2.5mm²) terminal size: 10 × 22x32mm。



2. dryer

It is used to control the temperature, prevent moisture condensation in the actuator due to temperature and weather changes, and keep the internal electrical components dry.



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