



AOX Economy electric part turn motor actuator



AOX Economy electric part turn motor actuator can be applied to the application required proportional control, and produce torque with range of 50N.m~6000N.m. The quarter-turn products are categorized into different sections such as the conventional series (AOX-R, AOX-Q series) and explosion-proof series. AOX is a **manufacturer** of electric actuators in **China**. All the series are composed

by ON-OFF, modulating and intelligent motorized quarter turn actuator. Over the years, AOX actuator has experienced various fields of domestic and foreign markets practice and application while gotten the reward of multiple national and international qualifications.





1.AOX Economy electric part turn motor actuator Introduction

AOX Economy electric part turn motor actuator is newly designed and developed for modulating and open-close duty in process technology. AOX has its own factory in China. AOX has 23 years of accumulation in the field of fluid control industry. According to the different inquiry of the market, we have developed economy electric part turn motor actuator. And our good reputation is gained by the reliability and stability performance in the field of valve fluid control.

Zhejiang Aoxiang Auto-Control Technology CO.,Ltd

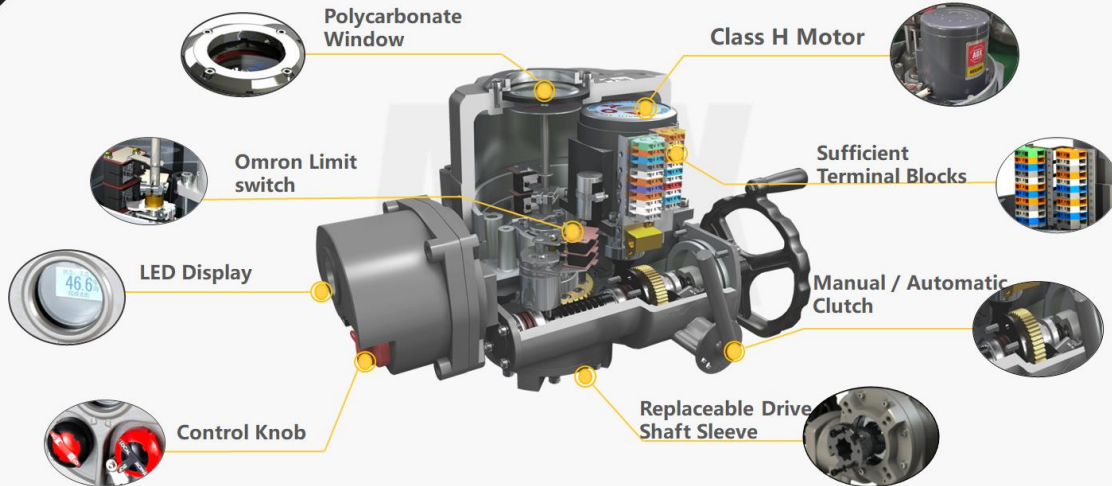
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Structural Features



Product Images



Electric ball valves



Electric fluorine lined ball valves



Electric V-ball valves



Electric three-way ball valve

Product Images



Electric teflon butterfly valve



Electric hard seal butterfly valve



Electric soft seal butterfly valve



Electric fluorine lined butterfly valve

2.AOX Economy electric part turn motor actuator Parameter (Specification)

| 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 |
| 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 |

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3.AOX Economy electric part turn motor actuator Feature And Application

Switching time: 22~185 S

Working time : S1 long time standard for both On-off and modulating type.

S2 standard, 30 min.

Weight: 7.5 KGS~83 KGS

Protection: IP67, (IP68 optional) Exd II CT5

Applicable valve : Ball Valve (DN15-DN200); Butterfly Valve (DN25-DN400)

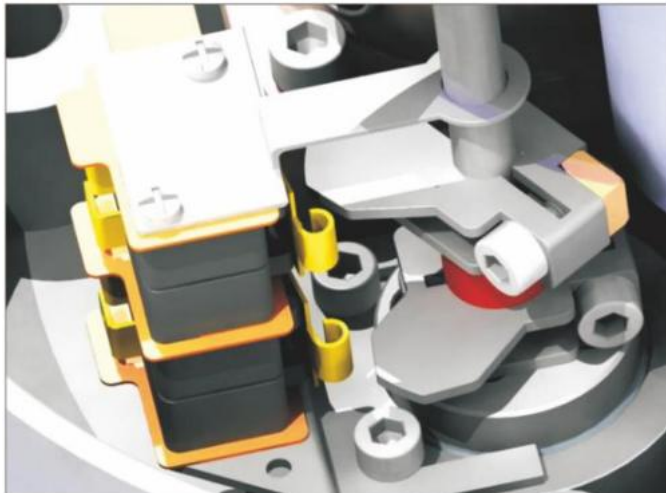
Material of Actuator Body: Aluminium Alloy

Local Control Unit: Local control knob of open/close/stop, switch knob of close control remote control/prohibit control(non-intrusive)

Display Mode: LCD, indication of opening(0-100%) and open/close fault

4.AOX Economy electric part turn motor actuator details

1. Wide range of voltage available.
2. Limit switches for AOX Economy electric part turn motor actuator -It is fastened by the two screws above,the setting is simple, each cam can be set separately.
-Once the setup is complete, each cam will always remain in this position.



3.Terminal for AOX Economy electric part turn motor actuator

-Spring loaded push type terminal for tight wiring connection under severe vibration.

-The number of terminals are 22 for users.

-Terminal length: 8-9mm

-Terminal size: 10×22×32.

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