



IP67 part turn electric motor operated valve actuator



AOX IP67 part turn electric motor operated valve actuator is suitable for quarter turn applications - designed for valves, dampers and automation of rotary machines and produce torque range of 50Nm to 6000Nm. AOX is a **manufacturer** of electric actuators in **China**. AOX IP67 part turn electric motor operated valve actuator is rated to IP67 and optionally IP68, and AOX IP67 part turn electric

motor operated valve actuator housing is a hard-anodized aluminum casting with an external epoxy powder coating to withstand harsh industrial environments.





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AOX IP67 part turn electric motor operated valve actuator Introduction

The torque of AOX IP67 part turn electric motor operated valve actuator can reach 50-6000Nm, and the explosion-proof level can reach CT5. AOX IP67 part turn electric motor operated valve actuator has precision-machined double worm gears, low noise and high output torque. AOX attaches great importance to corporate social responsibility. AOX has its own factory. AOX continue to seek opportunities to progress, share and grow with our partners and customers. In addition, all AOX services are handled through a customer-centric management that values customer satisfaction.

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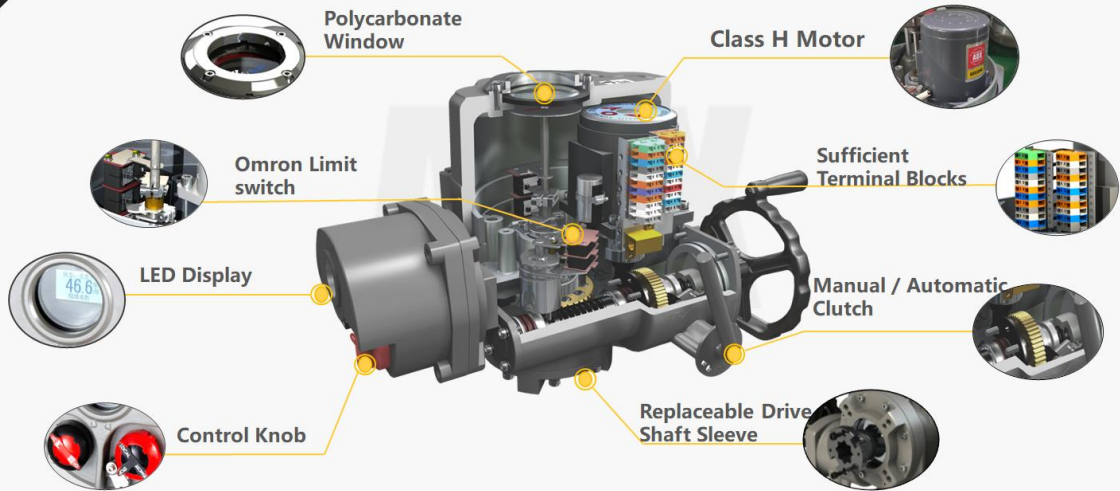
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Structural Features



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

AOX IP67 part turn electric motor operated valve 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 | | | |
| | | | | | 110V | 220V | 380V | 440V | | |
| 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 |

AOX IP67 part turn electric motor operated valve actuator Feature And Application

Torque range: 50~6000N.m

Switching time: 22~185 S

Protection: IP67, (IP68 optional) Exd II CT5

Voltage: AC110~265V , AC / DC 24V Multi voltage input

Single phase: AC220V / AC110V / AC24V / DC24V

Manual Override: Yes

Torque switch:Close/Open, each 1

Output signal(On-off type): Fully open & fully close passive contact(2A 250VAC).

Input/output signal (modulating type:4-20mA(std configuration);0-10V &2-10V is optional.

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

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Application Field



Oil & Gas



Water treatment



Chemical industry



Paper making



Metallurgy



Electric industry

AOX IP67 part turn electric motor operated valve actuator details

1.Space heater

- Metal casing, fast heat,long life, with the builtin temperature switch to prevent overheating.
- Core ceramic sealing member, there is no risk of leakage.

2.Captive cover bolts

- Designed to prevent losing it during maintenance or installation.
- All external bolts are stainless steel for rust prevention.

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