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## AOX 24VDC part turn electric motor operated valve actuator



AOX 24VDC part turn electric motor operated valve actuator is specially designed for quarter-turn applications - for ball valves, dampers and automation of rotary machines and produce torque range of 50Nm to 6000Nm. AOX 24VDC part turn electric motor operated valve actuator have been mastering the technology of

valve automation industry for decades. Choosing AOX is a professional choice. AOX is a manufacturer of electric actuators in China. AOX has first-class product technology and professional R&D team to provide you with appropriate design.



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## 1.AOX 24VDC part turn electric motor operated valve actuator Introduction

AOX 24VDC part turn electric motor operated valve actuator is specially designed for quarter turn operating applications such as ball, butterfly, plug valves and similar usages. Because our AOX 24VDC part turn electric motor operated valve actuator are sold all over the world, AOX has its own factory in China. AOX are famous for quality, stable operation and safe operation. Our products, as always, continue this trend and will never change.

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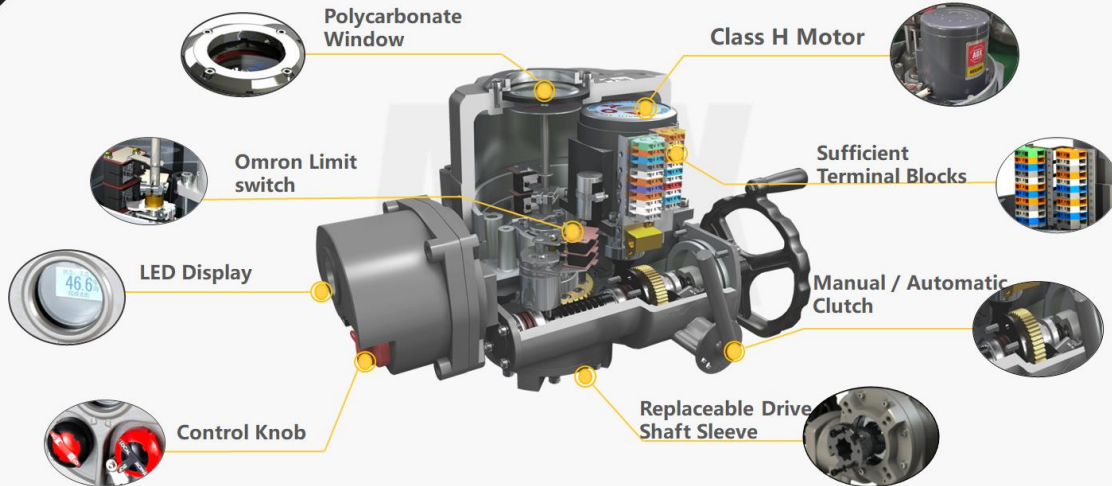
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## Structural Features



## 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



## 2.AOX 24VDC 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

## 3.AOX 24VDC part turn electric motor operated valve actuator Feature And Application

Torque range: 50~6000N.m

Switching time: 22~185 S

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

Control Mode: On-off signal control, Modulating (proportional regulation) control, Fieldbus Control etc.

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1. Wide range of voltage available for AOX 24VDC part turn electric motor operated valve actuator
2. Rugged construction with o-ring system giving water and explosion proof.  
(optional : explosion proof /Exd IIC T5, IP68)
3. Shell: Hard anodized Aluminum casting and external epoxy powder coated against severe industrial environment.
4. Space heater for AOX 24VDC part turn electric motor operated valve actuator  
- Metal casing, fast heat, long life, with the built-in temperature switch to prevent overheating.  
- Core ceramic sealing member, there is no risk of leakage.

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