



## 380VAC 1/4 turn electric actuator



This AOX 380VAC 1/4 turn electric actuator use 4-20mA, 0-10VDC as control signals, and can be selected as 110V, 220V, 380V voltage, specially designed for ball valves, butterfly valves, plug valves and other similar purposes . Based on rich technical theory and rich experience, AOX has unique technical know-how, which is the basic driving force for the development and scientific production of steering actuators for all motor-operated components. AOX is

the preferred **supplier** of many large enterprises.AOX is developing into a leading company in the valve automation industry with advanced technology.





## 1.AOX 380VAC 1/4 turn electric actuator Introduction

This AOX 380VAC 1/4 turn electric actuator is widely used in petroleum, chemical, water treatment, shipping, papermaking, power plants, heating, light industry and other industries. Suitable for switching/modulating ball/plug valves and shock absorber automation. AOX has its own factory in China. Since 1997, AOX has made every effort to provide customers with the highest quality AOX 380VAC 1/4 turn electric actuators and services. Strive to lead and promote the development of the industry through innovation management, technology development, and human resource management.

Zhejiang Aoxiang Auto-Control Technology CO.,Ltd

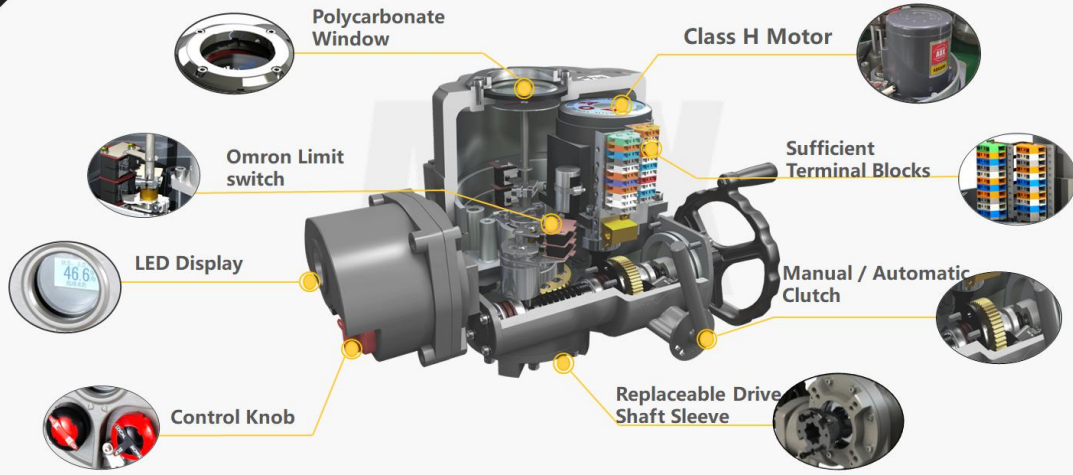
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## Structural Features



## Product Images





## 2.AOX 380VAC 1/4 turn electric 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
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 380VAC 1/4 turn electric 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

AOX 380VAC 1/4 turn electric actuator is mainly used in petroleum, water treatment, chemical industry, paper making, heating, electric power and other fields.

#### Application Field



Oil & Gas



Water treatment



Chemical industry



Paper making



Metallurgy



Electric industry

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#### 4.AOX 380VAC 1/4 turn electric actuator details

##### 1.AOX 380VAC 1/4 turn electric actuator Terminal

- 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

##### 2.AOX 380VAC 1/4 turn electric actuator 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.