



New Design Electric Motor Operated

Multi Turn Valve Actuator

New design electric motor operated multi turn valve actuator is applied in controlling various valves and other similar products, include butterfly valve, ball valve, gate valve, control valve and etc. The flange meets ISO 5210 international standard. The New design electric motor operated multi turn valve actuator is IP67 designed and can be installed at any angle. AOX has its own factory. AOX will make great contributions to the future with the best quality products, new technology and continuous customer service, and strive to become a global leader in valve automation industry in the 21st century.

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New design electric motor operated multi turn valve actuator

Introduction

Zhejiang Aoxiang Auto-Control Technology CO.,Ltd

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

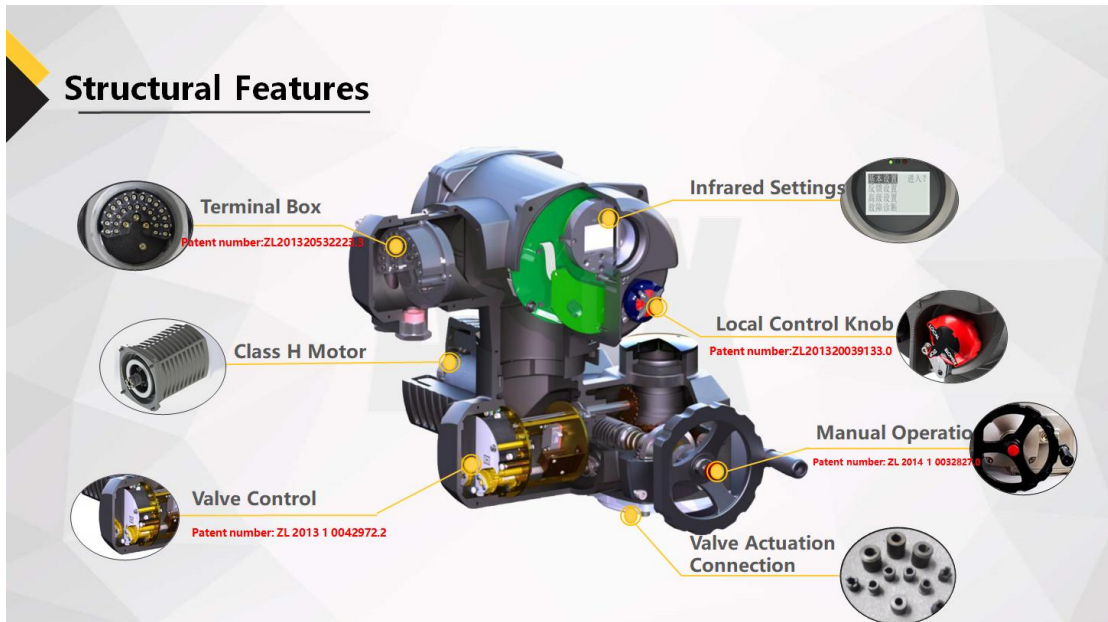
Phone: [+86-18967766527](tel:+86-18967766527)

Fax: [+86-0577-65921296](tel:+86-0577-65921296)

E-mail: zjax@zjax.com



New design electric motor operated multi turn valve actuator is widely applied in petroleum, chemical, water treatment, shipping, paper making, power plants, heating, building automation and other industries. AOX is a **supplier** to many large enterprises. AOX, founded in 1997, is a leading manufacturer of electric actuators in China. We provide the best quality new design electric motor operated multi turn valve actuator with high technology, high performance and satisfactory service. We have durable, dependable, and powerful actuators with several standard features and special options.





New design electric motor operated multi turn valve actuator

Parameter (Specification)

Model	Output torque	Speed	Maxshaft diameter	Power	Rated current (A) 50HZ	Flange	Weight
					three phases		
	N·m	RPM	mm	W	380V	ISO5210	Kg
AOX-M-007	70	45	Φ28	400	2.42	F10	32
	70	90		400	2.95		
AOX-M-010	120	35	Φ28	600	2.25	F10	38
	120	70		600	3.18		
	120	105		800	5.15		
AOX-M-020	300	34	Φ40	1100	4.50	F14	68
	300	67		1100	6.85		
AOX-M-050	450	34	Φ40	1100	9.58	F14	70
	450	67		1500	14.80		
AOX-M-060	600	34	Φ55	3000	10.89	F16	103
	600	67		4000	16.50		
AOX-M-080	800	34	Φ55	3000	12.43	F16	103
	800	67		4000	23.50		
AOX-M-100	1000	34	Φ55	4000	30.20	F16	103

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Feature And Application

Torque Range: 40 - 1000 Nm Direct Output

Speed: 34 35 45 67 70 90 (rpm)

Electrical interface: 2* NPT 3/4 , 1* NPT1 1/2

Modulating Type: S4 50 %, up to 600 triggers per hour

Applicable Voltage: 3 phase: AC 380 V (±10 %) /50/60 Hz (±5 %)

Modulating type signal:

Input signal: 4 - 20 mA; 0 - 10 V; 2 - 10 V

Output signal: 4 - 20 mA; 0 - 10 V; 2 - 10 V

Loss Signal Mode Setting: N/A

Dead Zone: ≤2%

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E-mail: zjaox@zjaox.com




- Instantaneous reversal protection
- Over torque protection
- Intelligent block protection
- Motor overheat protection
- Limit and torque sensing
- Absolute encoder precision detection valve position

Additional Mechanical Parts

Through the combination of AOX-M series multi-turn electric actuator and the following mechanical components, other types of valves can be controlled.

	Through the configuration of linear thrust unit, can constitute a direct stroke actuator, suitable for regulating valves. > Thrust: 10~160 KN > Stroke: 16~100mm (other stroke can be customized) Speed: 3.4~7.5mm/S (according to the stroke)
	Through configuration part of the rotary gear box, can constitute a large part of the rotary actuator torque, suitable for butterfly valve, ball valve, plug valves, etc. Torque: 0.2 ~ 1000 KNm speed: 0.2 ~ 43 r/min
	By configuring multi-turn gearbox, can constitute a large output torque rotary actuator, is applicable to gate valves, globe valves, etc. Torque: 0.1 ~ 100 KNm Speed: 2 ~ 600 s
	By configuring the turn arm type gear box, can turn a arm type actuator, applicable to the throttle, damper valve, butterfly valve, etc. Torque: 0.2 ~ 1000 KNm Speed: 0.2 ~ 43 r/min



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Details

- 1.Integrated Local control for new design electric motor operated multi turn valve actuator
Local control switches and locking type selector switch local/stop/remote are magnetic switches, controlled by magnetic reed, thus assure the damp proof sealing inside of the actuator.
- 2.Wide range of output torque .
Direct torque outputs range from 40 Nm to 1000Nm.When combined with a worm gearbox, the maximum torque output can be adjusted up to 50,000Nm.
- 3.Diferent control options meet your specific requirement.
New design electric motor operated multi turn valve actuator can be combined with various controls from simple On/off and intelligent modulating control or fieldbus interface.

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