



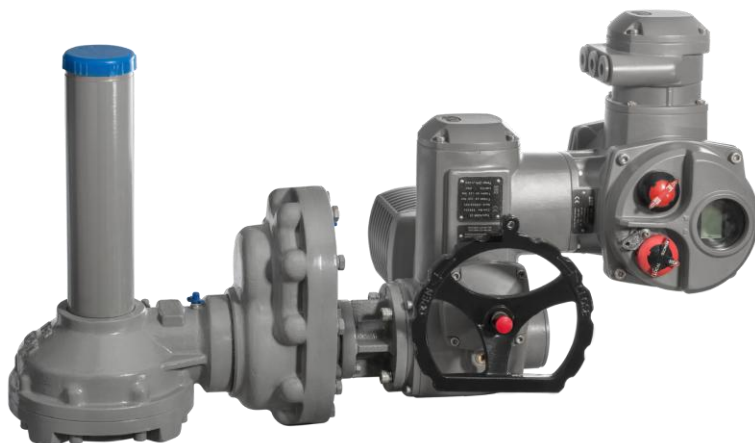
Customizable automation electric multi turn valve actuator



Customizable automation electric multi turn valve actuator is specially designed for all multi turn valve applications (linear motion valves) such as globe valve, gate valve, and etc. AOX is a **supplier** to many large enterprises. There are different "AOX-M" gear boxes can be configured which greatly expanded the

torque range or turn the customizable automation electric multi turn valve actuator into quarter-turn actuator, linear actuator to meet the different requirements.





Customizable automation electric multi turn valve actuator Introduction

Customizable automation electric multi turn valve actuator is specially designed for all multi turn valve applications (linear motion valves) such as globe valve, gate valve, and etc. AOX is a Chinese electric actuator **manufacturer**. Since its launch, customizable automation electric multi turn valve actuator has been continuously enhanced and improved on its quality as well as its features through continuous development by our R&D department.

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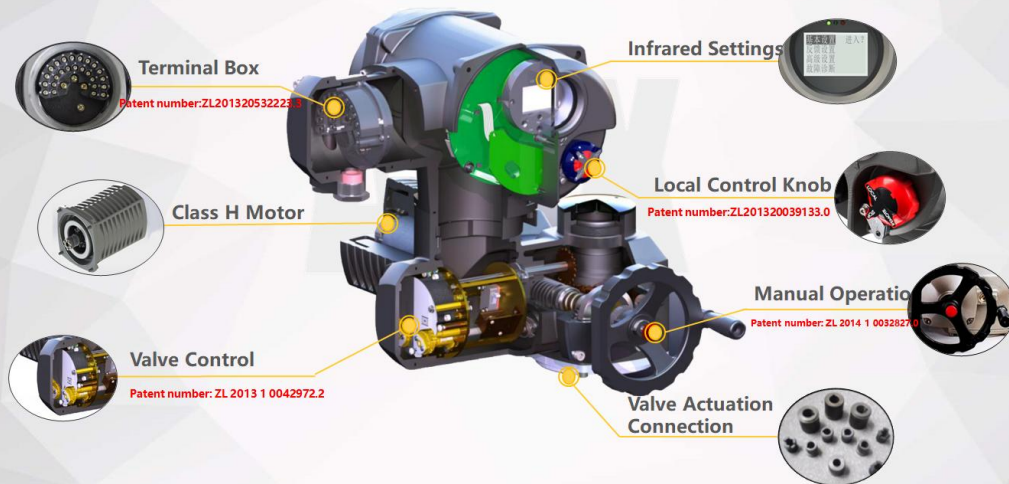
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Structural Features



Product Image



Customizable automation electric multi turn valve actuator

Parameter (Specification)

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Model	Output torque	Speed	Maxshaft diameter	Power	Rated current (A) 50HZ	Flange	Weight
	N·m	RPM			mm		
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

Customizable automation electric multi turn valve actuator

Feature And Application

Torque Range: 40 - 1000 Nm Direct Output

Corrosion level: Epoxy powder coating NEMA 4X corrosion protection is optional.

Explosion-proof level: Exd IIC T5 design

Motor specification: Class F, with thermal protector up to 135°C

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

Time Lag:N/A

Other Function:

Torque protection

Motor overheat protection

Moisture-resistant heaters (anti-moisture device)

Reliable electronic system

Intelligent block protection

Manual / automatic clutch switching

Remote control settings

Integrated local control unit

Mounting base according to ISO5210

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IP68 Enclosure

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



Customizable automation electric multi turn valve actuator details

1. Motor of customizable automation electric multi turn valve actuator

Specially designed high starting torque motor, can frequent open the valve from fully closed position. In addition to the three-phase AC motors, single-phase AC are also suitable for customizable automation electric multi turn valve actuator.

2. Different control options meet your specific requirement

Customizable automation electric 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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