



Electric Motor Operated Multi Turn Valve Actuator With Integral Control

Summary

"AOX-M" series electric motor operated multi turn valve actuator with integrated control is developed by AOX. It has many types and can control butterfly valves, ball valves, gate valves, globe valves, regulating valves and other valves. It is suitable for paper making, power stations, heating, building automation and other industries. After years of practice and upgrading, it is the only choice for electric actuators.

Product Introduction of the electric motor operated multi turn valve actuator with integral control

"AOX-M" series electric motor operated multi turn valve actuator with integrated control adopts anti falling bolts. When removing the shell, the bolts will not fall off when attached to the shell, and the external screws are made of 304 stainless steel. The installation dimension of the bottom complies with the international standard iso5210. The drive shaft sleeve can be disassembled and processed as required, with good compatibility. It can be installed vertically or horizontally.





Product Parameter (Specification)of the electric motor operated multi turn valve actuator with integral control

Model	Output torque	Speed	Max shaft diameter	Power	Rated current (A) 50HZ three phases	Flange	Weight
	N·m	RPM	mm	W	380V		
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

Torque Range:	40 - 1000 Nm Direct Output
Speed:	34 35 45 67 70 90 (rpm)
Ambient Temperature:	-30°C --+70°C Optional; -40°C- 60°C
Anti-vibration Level:	JB/T8219
Noise Level:	Less than 75 dB within 1 m
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
Ingress Protection:	IP67 , Optional:IP68

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Connection size:	ISO5210(Thrust torque type)and JB2920(Three claw type)
Motor Specifications:	Class F, with thermal protector up to +135 °C (+275 °F)
Working System:	On-off Type:S2 15 min, no more than 600 times per hour start.
Modulating Type:	S4 50 %, up to 600 triggers per hour
Output signal:	4 - 20 mA; 0 - 10 V; 2 - 10 V
Loss Signal Mode Setting:	N/A
Other Function:	Torque protection; Motor overheat protection' Moisture-resistant heaters (anti-moisture device)

FAQ the electric motor operated multi turn valve actuator with integral control

We are always ready for providing the sample and producing some small orders, in order to meet the business well. We are always ready to hear from you.

Q:Can I visit your company if we are interested in your AOX-M series non-intrusive setting multi turn electric actuator?

A:Of course,Your visit is our pleasure.

Q:Can you send me more detail information about the actuator?

A:Yes,you can send me mail about your inquiry and I'll send you he detal information you need.

Production details of the electric motor operated multi turn valve actuator with integral control

Motor protection for AOX-M series compact multi turn electric actuator.

In order to protect the motor against overheating, there are two series of thermal switch installed in the three-phase motor or single-phase motor winding inside. They are involved in the control circuit to prevent damage to the motor because of winding overheating.

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