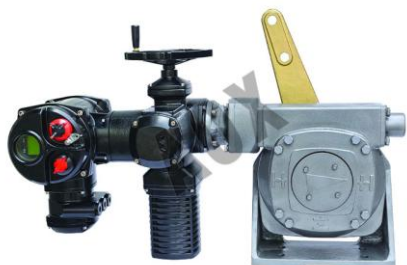




## Electric Multi Turn Valve Actuator With Wall Bracket



### Summary

"AOX-M" series electric multi turn valve actuator with wall bracket is a product developed by AOX. The bottom installation dimension of "AOX-M" series valve actuator conforms to the international standard of iso5210. If the valve installation dimension does not conform to it, we can use adapter for installation.

## Product Introduction of the electric multi turn valve actuator with wall bracket

"AOX-M" series electric multi turn valve actuator with wall bracket when a certain torque is applied to the output shaft, the worm will generate axial displacement in addition to rotation. When the torque on the output shaft increases to the set torque, the displacement generated by the bracket will cause the microswitch to act, thus cutting off the power supply of the motor and stopping the actuator. In this way, the output torque of the electric device is controlled to protect the electric valve. With the help of the switch in the mechanical control unit, the torque value is converted into the available signal of the actuator control mechanism. The torque can be adjusted according to the value specified by the user, or the user can open the cover and adjust it himself.



**Product Parameter ( Specification )of the electric multi turn valve actuator with wall bracket**

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
Connection size:	ISO5210(Thrust torque type)and JB2920(Three claw type)
Motor Specifications:	Class F, with thermal protector up to +135 °C (+275 °F)

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Working System:	On-off Type: S2 15 min, no more than 600 times per hour start.						
Power:	Standard: 380V AC/3ph Optional: 110/220V AC/1ph,440V AC/3ph, 50/60Hz, ±10%						
Motor:	Asynchronous motor						
Auxiliary limit switch:	1×Open/ Close, SPDT,250V AC 10A (on/off model)						
Torque switch:	1×Open/ Close, SPDT,250V AC 10A						
Manual operation:	Declutching mechanism,with handwheel operation						
Self-locking device:	Self-locking by worm and worm gear						
Ambient temperature:	-25℃~+70℃ (-30℃、-40℃、-60℃ optional)						
Lubrication:	Special oil for 00 actuators						
Ambient humidity:	Max 90% RH			Non-Condensing			
Anti-vibration:	X Y Z 10g,0.2~34 Hz,30 minutes						
Overload protection:	Torque peak overload protection						
Display screen:	LED display (smart regulation type)						
Electrically:	Integrated control unit with a non-invasive rotary switch						
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

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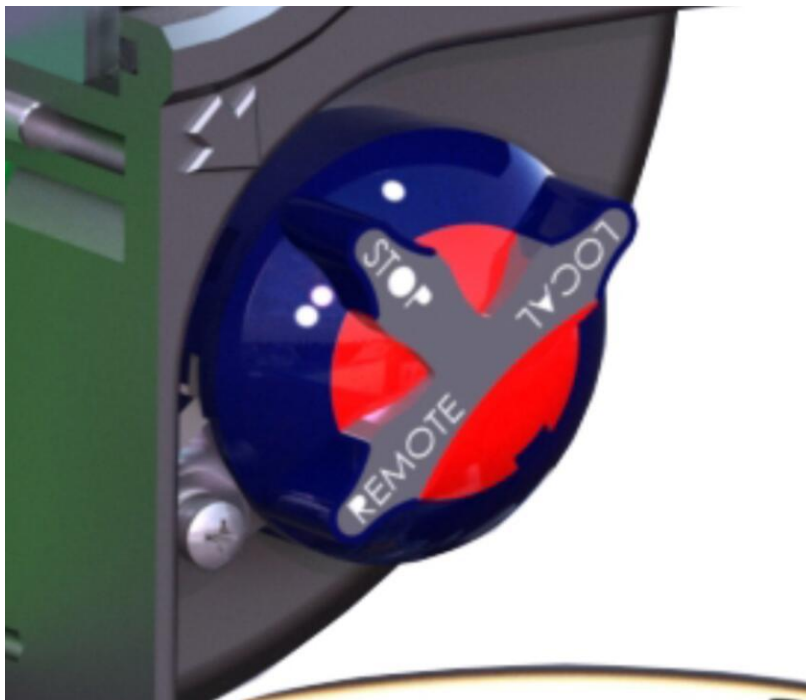


[www.aox-privod.com](http://www.aox-privod.com)

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## Production details of the electric multi turn valve actuator with wall bracket

Local control: The field control switch and latching field/stop/remote selector are magnetic switches with no through shaft and are controlled by acting on the actuator's internal magnetic reeds, ensuring that the actuator is sealed against moisture.



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