





Automation Part Turn Electric Actuator

The AOX series of electric actuators are high quality automatic part turn electric actuators developed by AOX itself, a manufacturer of automatic electric actuators from China, which has never stopped developing and creating the best electric actuators for more than 20 years. The "AOX-R" series is the first automatic part turn electric actuator developed by AOX, with mature technology and

innovative appearance.

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Summary

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Product Introduction of the automation part turn electric actuator

The "AOX-R" series are high quality automatic part turn electric actuators developed by AOX and have received numerous approvals such as DNVGL, CCS and EU CE. The "AOX-R" series of electric actuators have an indicator mounted on the central shaft, which allows the valve position to be observed. The lens is designed with a protruding mirror, which does not accumulate water and makes observation easier. The automatic electric actuators also have a dryer installed in them to control the temperature and prevent moisture

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condensation inside the actuator due to temperature and weather changes, keeping the internal electrical components dry. "AOX-R" series electric actuators are used to control valves with 0°~ 270° rotation and other similar products, such as butterfly valves, ball valves, baffle valves, shutter valves, etc. It is used in power station, heating, building automation, light industry and other industries.



Product Parameter (Specification)of the automation part turn electric actuator

Position	the valve position dial can display continuous position change
indicator:	even in case of power failure;
Self locking	turbine and worm mechanism provide self-locking;
device:	
Output	bottom mounting dimension is in accordance with ISO5211

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flange:	international standard;				
	the drive shaft sleeve can be disassembled and processed as				
Output shaft:	required, with strong adaptability. It can be installed				
	vertically or horizontally;				
Lubrication:	aluminum base grease (EP type);				
Manual operation:	mechanical handle (optional handwheel);				
Motor:	squirrel cage asynchronous click, insulation class H;				
Dryer:	30W, optional.				
Working	S1 long time standard for both On-off and modulating				
time :	type.S2 standard, 30 min.				
Applicable	Pall Valvo (DN1E DN200), Buttorfly Valvo (DN2E DN400)				
valve :	Ball Valve (DN15-DN200); Butterfly Valve (DN25-DN400)				
Related	<00%/25°€\				
humidity:	<90%(25℃).				
Manual	NI/A				
Override:	N/A				
Mounting	(ISO 5211)F04/F05/F07/F10/F12/F14/F16				
Flange:					

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Model	m output		Output shaft (mm)		machiner		Weigh t
	N·M	(90°)	Square	Dee p	(W)	220V(A)50H Z (kg)	(kg)
AOX-R-00 3	30	20	11×11	15.5	8	0.24	2.1
AOX-R-00 5	50	30	14×14	18	10	0.23	3.6
AOX-R-00 8	80	30	14×14	18	10	0.24	3.6
AOX-R-01 0	100	30	17×17	22.5	15	0.41	4.6
AOX-R-01 5	150	40	17×17	22.5	15	0.41	4.6
AOX-R-02 0	200	30	22×22	26	60	0.44	13
AOX-R-03 0	300	30	22×22	26	60	0.48	13.4

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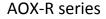
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AOX-R-04 0	400	30	22×22	26	60	0.54	13.8
AOX-R-06 0	600	40	27×27	32.5	60	0.57	14
AOX-R-08 0	800	40	27×27	32.5	90	0.91	14.3
AOX-R-10 0	1000	40	27×27	32.5	90	1.18	14.5
AOX-R-16 0	1600	60	МахФ6 0	133	90	1.08	68
AOX-R-20 0	2000	60	МахФ6 0	133	90	1.30	68
AOX-R-30 0	3000	120	МахФ6 0	133	90	1	68
AOX-R-40 0	4000	200	МахФ6 0	133	90	0.93	68
AOX-R-50 0	5000	200	МахФ6 0	133	90	1	68



Product Feature And Application of the automation part turn electric actuator

Other electric actuators







The products of other electric actuator manufacturers use worse parts than those of AOX. Especially for the capacitor part, the capacitor of other manufacturers is AC450V. When the actuator works, it is inevitable that there is a high voltage. In this case, the capacitor of the automatic part turn electric actuator is easily broken down. The capacitor of the electric actuator developed by AOX is AC500V, and high-quality large brand capacitor products are used, with reliable quality and stable performance. Therefore, compared horizontally, our electric actuators have higher manufacturing cost and better quality.

Production details of the automation part turn electric actuator

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Manual operation handle is not easy to lose: the handle clip is placed on the mechanical limit bolt, so that the hexagonal wrench is not easy to lose in the field.



Adjustment type is more stable and reliable: the size of the module is increased, the range of component selection is larger, and the power is higher; the weak power control power supply is adopted, which will not affect the quality of the module due to the unstable voltage at the site; the bare board is used for better heat dissipation; the foolish type is positioned with one key, which avoids the disorder of debugging due to too many keys; the intelligent module is mounted externally, which solves the problem that the maximum temperature of the actuator is $120\,^{\circ}$ C and the electronic components of the module are only $65\,^{\circ}$ C. The maximum temperature of the actuator is $120\,^{\circ}$ C, but the temperature of the electronic components of the module is only $65\,^{\circ}$ C.





