



## Self Locking Electric Part Turn Ball Valve Actuator

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### Summary

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## Product Introduction of the self locking electric part turn ball valve actuator

"AOX-R" series is a **self locking electric part turn ball valve actuator** developed by AOX company, and has obtained many certifications such as dnvgl, CCS and EU CE. The "AOX-R" series products adopt anti falling bolts. When the shell is removed, the bolts are attached to the shell and will not fall off. In terms of installation, the bottom installation dimension of "AOX-R" series products conforms to ISO5211 international standard, and can be selected with din3337 international standard. The hole is double square, which is convenient

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

E-mail: [zjaox@zjaox.com](mailto:zjaox@zjaox.com)



for linear or 45°angle installation of square rod valve, with strong adaptability. It can be installed vertically or horizontally. the motor from being damaged by overheat.



### Product Parameter ( Specification )of the self locking electric part turn ball valve actuator

Working time :	S1 long time standard for both On-off and modulating type.S2 standard, 30 min.
Applicable valve :	Ball Valve (DN15-DN200); Butterfly Valve (DN25-DN400)
Related	<90%(25°C).

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humidity:	
Manual Override:	N/A
Mounting Flange:	(ISO 5211)F04/F05/F07/F10/F12/F14/F16
Output signal:	(On-off type)Fully open & fully close passive contact(2A 250VAC).
Input/output signal :	(modulating type)4-20mA(std configuration);0-10V &2-10V is optional.
Local Control Unit:	Local control knob of open/close/stop, switch knob of close control remote control/Bus control(non-intrusive)
Display Mode:	LCD, indication of opening(0-100%) and open/close fault.
Control Mode:	On-off signal control, Modulating (proportional regulation) control, Fieldbus Control etc.
Type of On-off Signal:	Contact signal. Pulse signal

Model	Maximum output torque	Actuation time	Output shaft (mm)	Electrical machinery	Single-phase rated current (A)	Weight
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	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
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	MaxΦ6 0	133	90	1.08	68
AOX-R-20 0	2000	60	MaxΦ6 0	133	90	1.30	68
AOX-R-30 0	3000	120	MaxΦ6 0	133	90	1	68
AOX-R-40 0	4000	200	MaxΦ6 0	133	90	0.93	68
AOX-R-50 0	5000	200	MaxΦ6 0	133	90	1	68

## Product Feature And Application of the self locking electric part turn ball valve actuator

Other electric actuators

AOX-R series

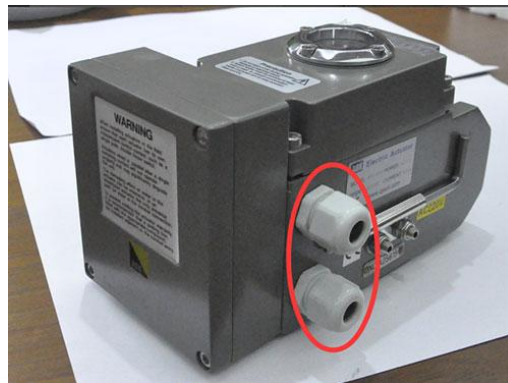
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The valve actuator produced by other factories only uses one terminal when it is manufactured. All power lines and signal lines are connected to this terminal. It is believed that the power lines and signal lines are easy to interfere with the brake, resulting in low brake efficiency and easy damage.

The "AOX-R" series **self locking electric part turn ball valve actuator** developed by AOX adopts two terminals to improve the quality of the brake during the research and development. The power line and the signal line are separated from each other without interference.

## **Production details of the basic type of electric part turn motor actuator**

1.The gear box of "AOX-R" series motor actuators is made of all aluminum alloy materials, with high strength, which avoids the problem of gear cracking, making "AOX-R" products more durable and durable, with longer service life, and improving the cost performance of products.

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2. Motor temperature rise is lower: by increasing the size of the motor, under the same power, the capacitance capacity is reduced, reducing the starting current and reducing the degree of heat generation.



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