



## Compact Electric Part Turn Ball Valve

### Actuator



### Summary

The "AOX-R" series compact electric part turn ball valve actuator can be widely used for valve switching and regulating control of angular travel action, such as butterfly valve, ball valve, plug valve, etc. It is widely used in petroleum, chemical industry, water treatment, paper making, power station, heating, light industry and other industries.

## Product Introduction of the compact electric part turn ball valve actuator

The "AOX-R" actuators of series compact electric part turn ball valve actuator have been upgraded many times by AOX, which makes debugging more convenient and fast. AOX integrates four cams into two by improving the structure of electric cams and isolates them with butterfly springs. The upper part is compressed, which improves the shortcomings of other manufacturers such as inaccurate positioning of M3 screws, thread slipping, and difficulty in finding M3 wrenches on site. AOX can always maintain the limit position equipment under ultra-high and low temperature environments Stability of.

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

Torque range:	30 ~ 5000NM;
Switching time:	20 ~ 200S;
Ambient temperature:	20°C ~ + 70 °C;
Control mode:	on-off / regulating / intelligent;
Weight:	2.1 KGS ~ 68KGS
Protection grade:	IP67, (IP68 optional);
Voltage:	AC110 ~ 265V, AC / DC 24V multi voltage input;
Single phase:	AC220V / AC110V / AC24V / DC24V;
Material of actuator body:	aluminum alloy;
Mounting Flange:	(ISO 5211)F04/F05/F07/F10/F12/F14/F16

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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
Type of Modulating Signal:	0-10V, 2-10V, 4-20mA, etc.
Type of Field-bus Signal:	Modbus-RTU, Profibus-DP, etc.
Local Controller:	AOX remote control(Optional)

型号	最大输出 扭矩	动作时间	输出轴(mm)		电机	单相额定电流(A)	重量
	N · M	( 90° )	方 Square	深 Deep	(W)	220V(A)50HZ (kg)	(kg)
AOX-R-003	30	20	11×11	15.5	8	0.24	2.1
AOX-R-005	50	30	14×14	18	10	0.23	3.6
AOX-R-008	80	30	14×14	18	10	0.24	3.6
AOX-R-010	100	30	17×17	22.5	15	0.41	4.6
AOX-R-015	150	40	17×17	22.5	15	0.41	4.6
AOX-R-020	200	30	22×22	26	60	0.44	13
AOX-R-030	300	30	22×22	26	60	0.48	13.4
AOX-R-040	400	30	22×22	26	60	0.54	13.8
AOX-R-060	600	40	27×27	32.5	60	0.57	14
AOX-R-080	800	40	27×27	32.5	90	0.91	14.3
AOX-R-100	1000	40	27×27	32.5	90	1.18	14.5
AOX-R-160	1600	60	Max Φ 60	133	90	1.08	68
AOX-R-200	2000	60	Max Φ 60	133	90	1.30	68
AOX-R-300	3000	120	Max Φ 60	133	90	1	68
AOX-R-400	4000	200	Max Φ 60	133	90	0.93	68
AOX-R-500	5000	200	Max Φ	133	90	1	68

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## Application field of the compact electric part turn ball valve actuator



Oil & Gas



Water treatment



Chemical industry



Paper making



Metallurgy



Electric industry

Our company specializes in producing electric actuators with reasonable structure and novel appearance. It has reached international advanced level and has been exported to Europe and America in large quantities, and has achieved many honors. They are widely used in various industries such as petroleum, chemical, water treatment, shipping, paper making, power station, heating, building automatic control, light industry, etc.

## FAQ of the compact electric part turn ball valve actuator

Q:How's the warranty period for your actuator?

A:We offer one year warranty for our small quarter turn electric actuator.

Q: About the sample what is the cost of transportation?

A :The freight depends on weight, packing size and your country or province region, etc.

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Q:How long can I expect to get the sample?

A :If you want to order the sample of small quarter turn electric actuator,the samples will be ready for delivery in 3-5 days The samples will be sent va international express such as DHL ,UPS ,TNT, FEDEX and would be arrived within 3-5 days

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