



Electric Part Turn Butterfly Valve Actuator

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Summary

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Product Introduction of the electric part turn butterfly valve actuator

"AOX-R" series products——**electric part turn butterfly valve actuator** developed by AOX , and have been certified by dnvgl, CCS and EU CE. In terms of circuit, the control circuit of AOX valve actuator conforms to the single-phase or three-phase power supply standard, the circuit layout is compact and reasonable, and the wiring terminal can effectively meet the requirements of various additional functions.

The **electric part turn butterfly valve actuator** is suitable for fire fighting, petroleum, chemical, paper making, power station, military, new energy, ship, light industry and other industries. It takes AC380V/220V/110V as the driving power supply and 4-20mA current

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signal or 0-10V DC voltage signal as the control signal, which can make the valve move to the required position with the maximum output torque up to 5000NM.



Product Parameter (Specification)of the electric part turn butterfly valve actuator

Torque range:	30 ~ 5000NM;
Control mode:	on-off / regulating / intelligent;
Weight:	2.1 KGS ~ 68KGS
Single phase:	AC220V / AC110V / AC24V / DC24V;
Limit switch:	2 * open / close, SPDT, 250V AC 10A;
Position indicator:	the valve position dial can display continuous position change even in case of power failure;

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Lubrication:	aluminum base grease (EP type);
Manual operation:	mechanical handle (optional handwheel);
Motor:	squirrel cage asynchronous click, insulation class H;
Dryer:	30W, optional.
Manual Override:	N/A
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.
Display Mode:	LCD, indication of opening(0-100%) and open/close fault.

Model	Maximum output torque	Actuation time	Output shaft (mm)		Electrical machinery	Single-phase rated current (A)	Weight
	N·M	(90°)	Square	Deep	(W)	220V(A)50HZ (kg)	(kg)
AOX-R-003	30	20	11×11	15.5	8	0.24	2.1

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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



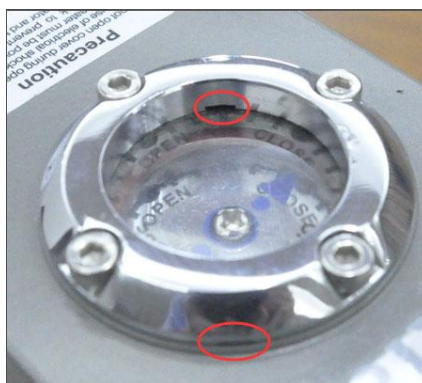
AOX-R-160	1600	60	MaxΦ60	133	90	1.08	68
AOX-R-200	2000	60	MaxΦ60	133	90	1.30	68
AOX-R-300	3000	120	MaxΦ60	133	90	1	68
AOX-R-400	4000	200	MaxΦ60	133	90	0.93	68
AOX-R-500	5000	200	MaxΦ60	133	90	1	68

Product Feature And Application of the electric part turn butterfly valve actuator

Other electric actuators



AOX-R series



Other plants' **electric part turn butterfly valve actuators** are designed with

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chemical adhesives, which may lead to aging and water ingress due to high temperature and pressure conditions on site, and may cause frequent damage to the electric actuator during use, reducing the cost effectiveness of the valve actuator; and the lens structure is made of plastic and glass itself is easily damaged. AOX has designed and developed the "AOX-R" series of **electric part turn butterfly valve actuator**, which has a convex lens with a drainage port that does not cause water accumulation; and has a continuous valve opening indication, which is more convenient to observe, and the external metal material is not easily damaged. The metal exterior is not easily damaged.

Production details of the electric part turn butterfly valve actuator

Faster and easier commissioning of the **electric part turn butterfly valve actuator** of the "AOX-R" series: By improving the electric cam construction, we have combined four cams into two pieces, isolated them with butterfly springs and pressed them together with locknuts, which improves the disadvantages of M3 screws used by other manufacturers. screws used by other manufacturers, such as insubstantial and inaccurate positioning, slippage and the fact that M3 spanners are not easily found in the field.



The appearance of "AOX-R" series **electric part turn butterfly valve actuator** has been upgraded for several times, and now its appearance is very novel and beautiful. The shell adopts high-strength die-casting aluminum shell and anti-corrosion coating, which improves the internal sealing condition of the electric actuator and improves the service life of the valve actuator.

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