

MODEL: JLA SERIES ELECTRIC ACTUATOR

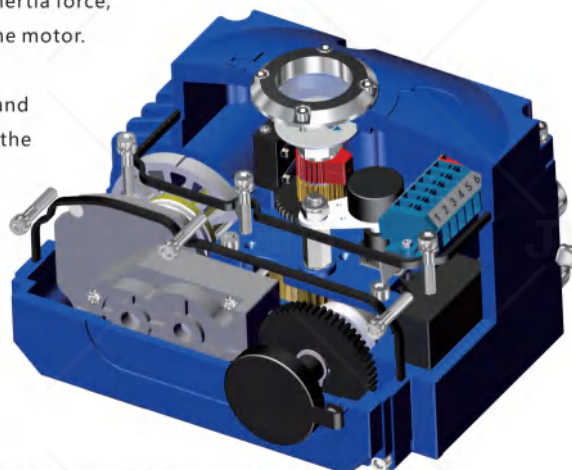


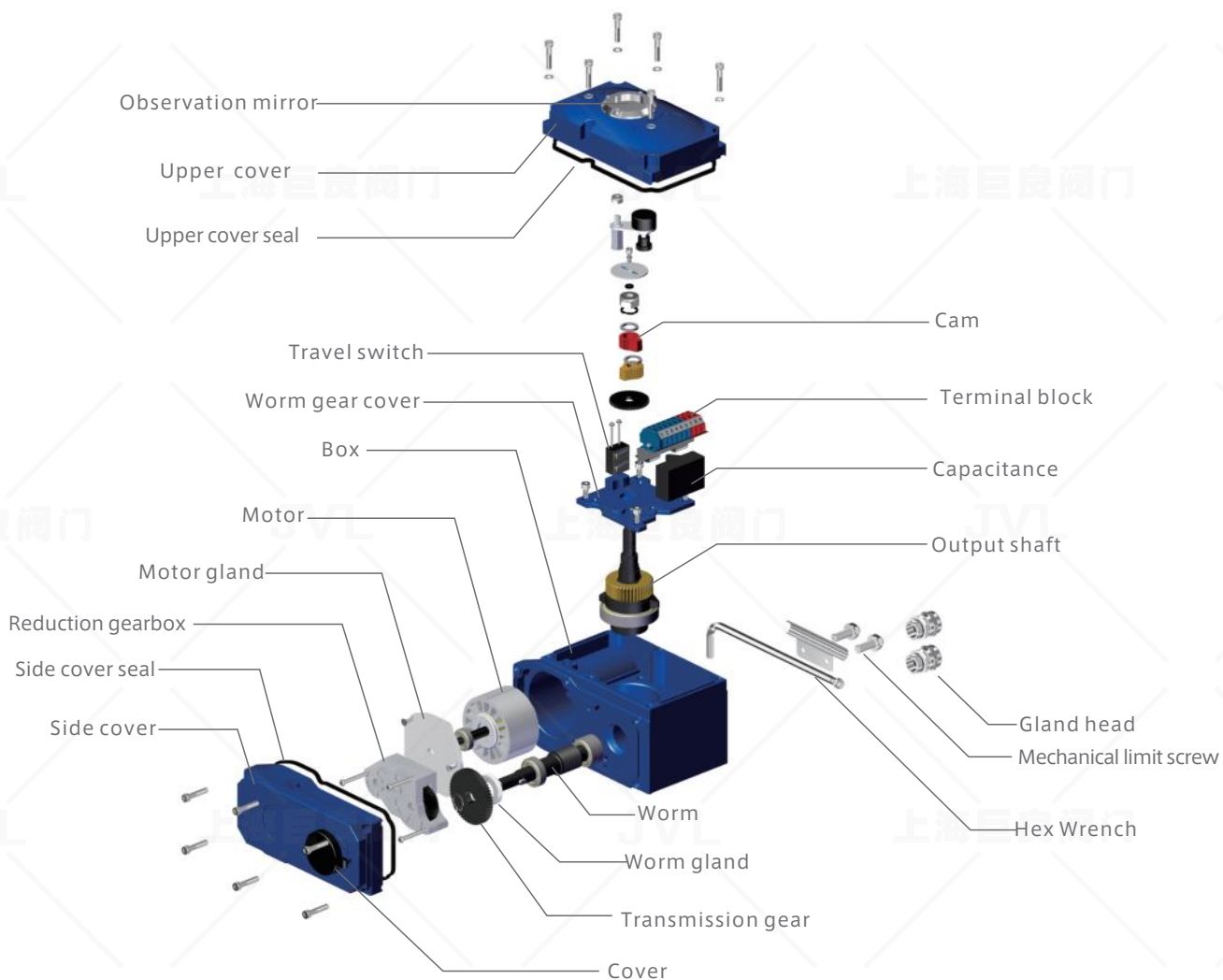
Overview

"JLA" series electric actuators are used to control 0°~90° rotating valves and other similar products, such as butterfly valve, ball valve, damper valve, baffle valve, plug valve, shutter valve, etc. Widely used in petroleum, chemical, water treatment, shipbuilding, paper, power plant, heating, light industry and other industries. It can be driven by a 380V/220V/110V AC power supply or a 24V/110V DC power supply, using switching signal or analog signal as control signal to achieve automatic control, with a max. output torque of 2000N.M. (CE certification and explosion-proof certificate)

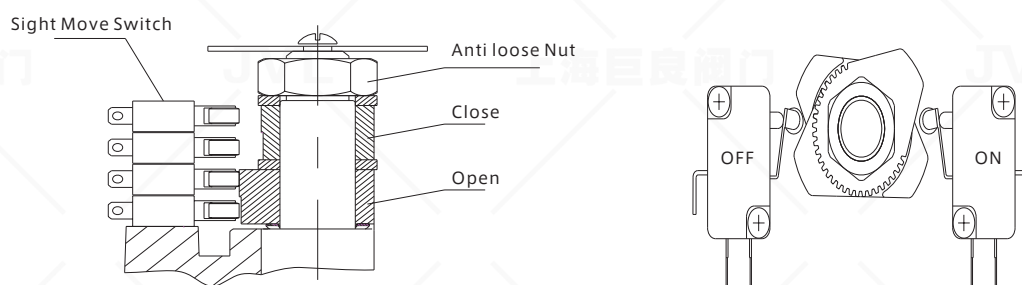
PERFORMANCE CHARACTERISTICS

1. Housing: The cover is made of hard aluminum alloy with anodizing treatment and polyester powder coating. High corrosion resistance, protection class is IP65.
2. Motor: Fully enclosed squirrel-cage motor, small size, large torque, small inertia force, F class insulation. Internal thermal protection switch to avoid damage to the motor.
3. Manual structure : Handwheel design ensures safe, reliable, labor-saving and small size. When the actuator is not energized, it can be operated through the handle. When you do not need manual operation, place the wrench in the slot on the back of the actuator.
4. Position indicator: Mounted on the center shaft to observe the valve position. To avoid deposition and facilitate observation, it is designed with a convex lens.
5. Sealing: Good sealing performance. Protection class is IP65.
6. Switch limits: Mechanical and electronic limits. The mechanical limit screw is adjustable, safe & reliable. The electronic limit is a micro switch controlled by the CAM. The simple adjusting mechanism can set the position accurately and conveniently, and is not affected by excessive hand wheel.
7. Anti release bolts: When the cover is removed, the bolts will adhere to the cover plate. All external bolts are made of stainless steel.
8. Installation: The installation dimensions of the bottom of the electric actuator comply with international standards ISO5211 and DIN3337. The holes are square and easy to install through linear or 45°. The actuator can be installed vertically or horizontally.
9. Wire: Circuit control conforms to single-phase or three-phase power supply standards, reasonable and compact layout. Terminals effectively meet various additional function requirements.

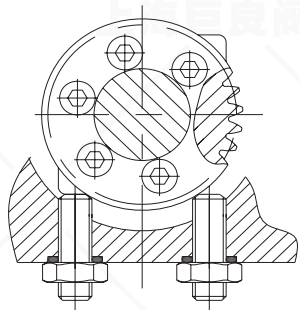




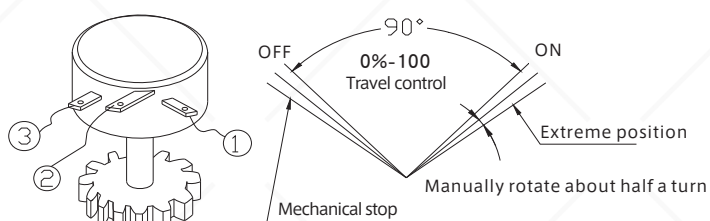
Travel limit

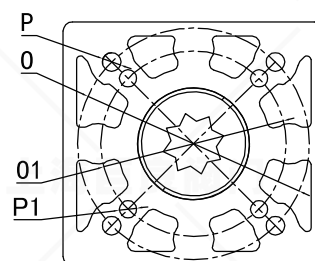
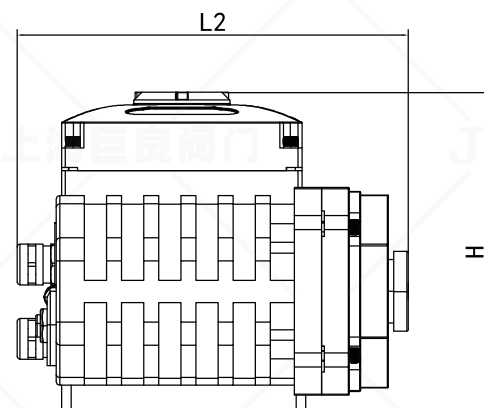
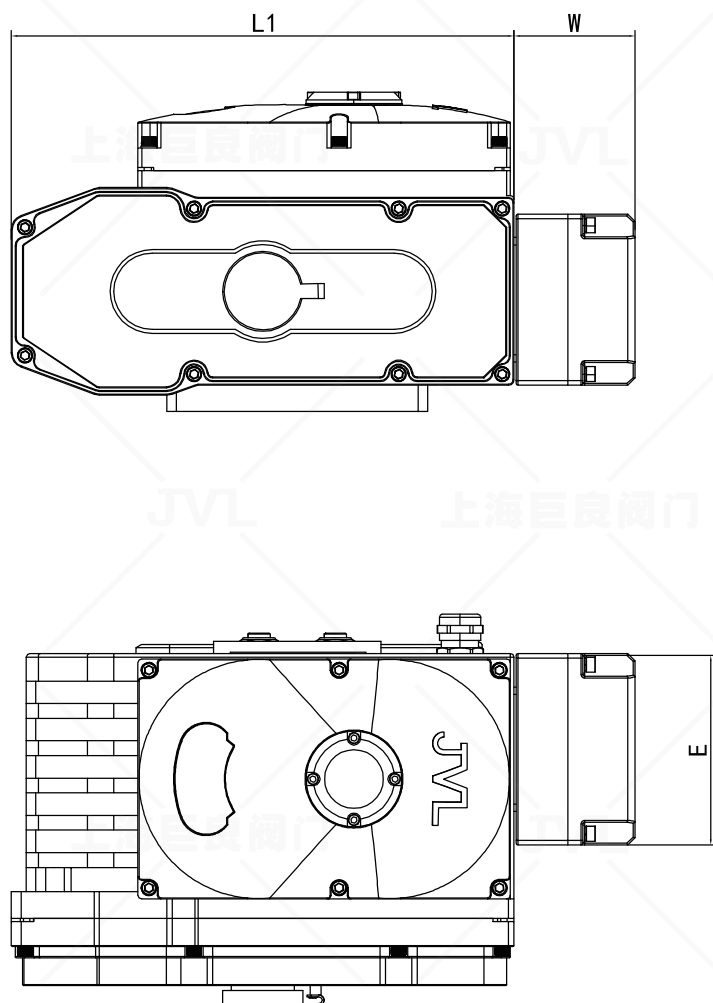


Mechanical limit



Potentiometer





▼ OUTLINE AND CONNECTION DIMENSIONS

Model	Outline dimension									
	L1	L2	H	E	W	O	P	O1	P1	Q×H
JLA-05	165	150	125	104	70	70	4-M8	50	4-M6	14×20
JLA-10	190	170	130	104	70	70	4-M8	50	4-M6	17×23
JLA-16	190	170	130	104	70	70	4-M8	50	4-M6	17×23
JLA-X20	190	170	130	104	70	70	4-M8	50	4-M6	17×23
JLA-20	270	220	170	104	70	125	4-M12	102	4-M10	27×43
JLA-40	270	220	170	104	70	125	4-M12	102	4-M10	27×43
JLA-60	270	220	170	104	70	125	4-M12	102	4-M10	27×43
JLA-100	270	220	170	104	70	125	4-M12	102	4-M10	27×43
JLA-200	270	220	170	104	70	125	4-M12	102	4-M10	27×43

● Note: Part W is analog quantity control box, switch type without this size.

▼ CHARACTERISTIC PARAMETER

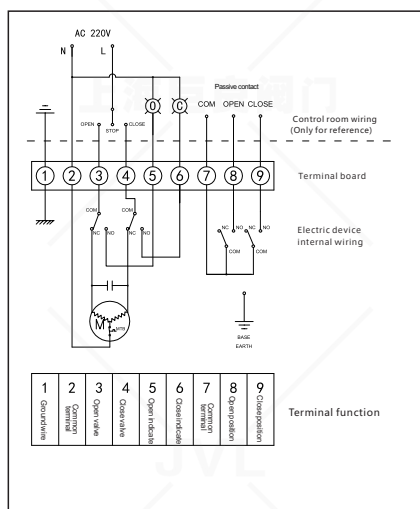
Model	Output torque	Stroke time	Motor power	Rated current (A)			Weight (kg)
	N·M	90°	W	DC 24V	AC 220V	AC 380V	
JLA-05	50	35	15	0.5	0.2	0.1	3.5
JLA-10	100	25	20	0.65	0.25	0.1	5.0
JLA-16	160	25	20	0.85	0.35	0.1	5.0
JLA-X20	180	25	35	1.2	0.4	0.15	5.0
JLA-20	200	30	40	1.4	0.45	0.2	12
JLA-40	400	30	60	2.0	0.5	0.3	12
JLA-60	600	45	90	3.0	0.65	0.4	12.5
JLA-100	1000	45	120	-	0.9	0.5	12.5
JLA-200	2000	60	160	-	1.2	0.7	13

▼ STANDARD TECHNICAL PARAMETER

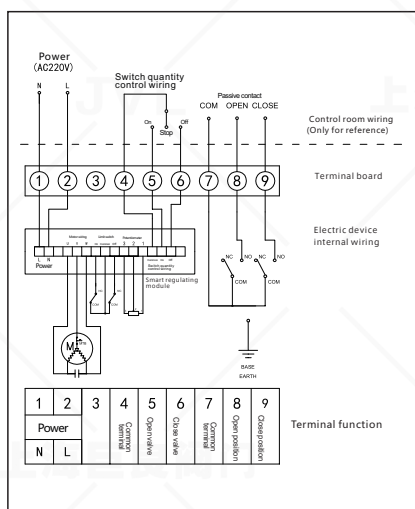
Name	Technical parameter
Housing	Aluminum alloy housing,water proof class :IP67 NEMA4 or 6
Motor power	24/110/220/380V AC ±10%,24/110/220VDC 50/60HZ ±10%
Motor	Squirrel cage asynchronous motor
Limit switch	1open/1close,SPDT,250V AC 10A
Auxiliary limit switch	1open/1close,SPDT,250V AC 10A
Stroke	90° -270±10°(Above 90°,indicate in advance)
Fault protection/operating temp.	Inner thermal protection, Open at 120°C±5°C/ Close at 97°C±15°C
Indicator	Continuous position indicate
Manual operation	Mechanical handle
Self-locking device	Worm gear and worm mechanism provide self-locking
Mechanical limit	2External adjustments
Wiring hole	M18(2)
Ambient temp.	-20°C~+70°C
Lubrication	Aluminium base grease (EP Type)
Material	Steel, aluminum alloy, aluminum bronze, polycarbonate
Ambient humidity	Max. 90% RH
Seismic performance	XYZ 10G,0.2~34HZ,30 minutes
Surface coating layer	Dry power ,epoxy polyester

WIRING LAYOUT

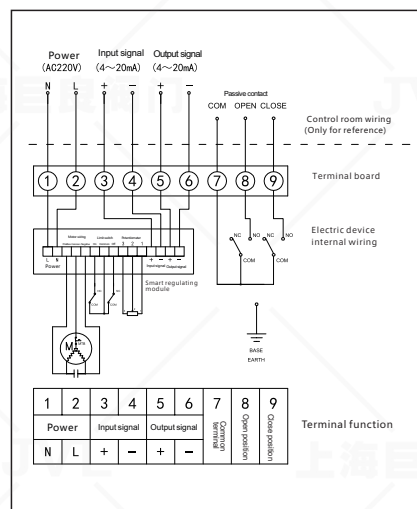
1.AC220V Standard switch type



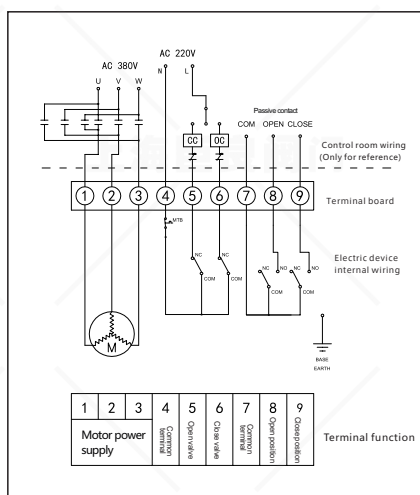
2.AC220V Integral switch type



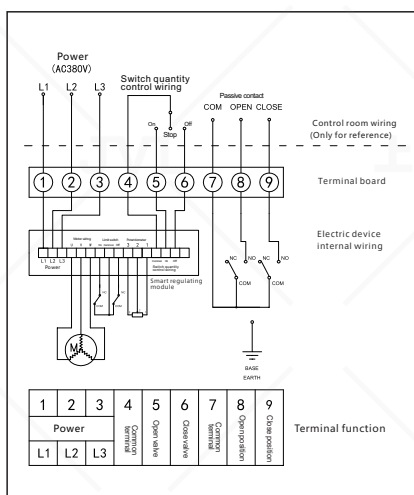
3.AC220V Integral regulating type



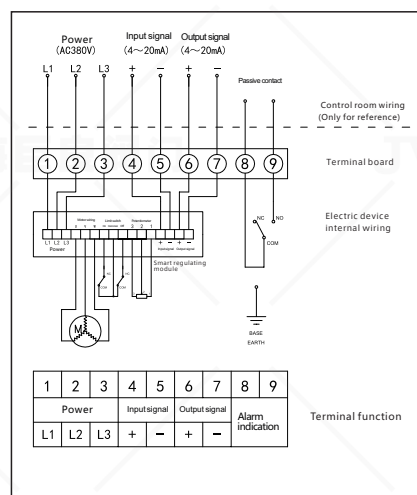
4.AC380V Standard switch type



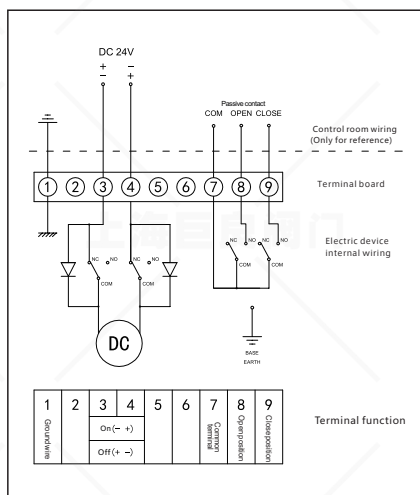
5.AC380V Integral switch type



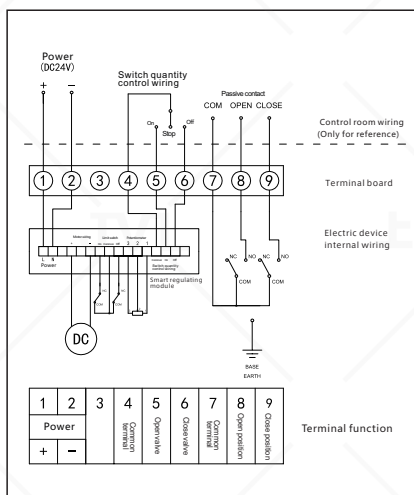
6.AC380V Integral regulating type



7.DC24V Standard switch type



8.DC24V Integral switch type



9.DC24V Integral regulating type

