

KST-S01 series SPINDLE ACTUATOR

Product data sheet

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KST-S01 SPINDLE ACTUATOR

Features

600N

- Great solution for skylight or roof windows.



Quite

- Noise level only 38 dB.
- Recommend for School, Museum, household, healthcare center or any quite place.

Weather Resistance

- 100% aluminum alloy cover with oil seal on the top, IP 65 rated.
- Great weather resistance for outdoor using.

Overload protection system

Remote control function (optional)

Long Stroke Length

- Open large scale windows with wide angle.

KST-S01 SPINDLE ACTUATOR

Automatic window opener system

For following window types

Spindle Actuator



Manual switch



Remote control (optional)



KST-S0 SPINDLE ACTUATOR

Specifications

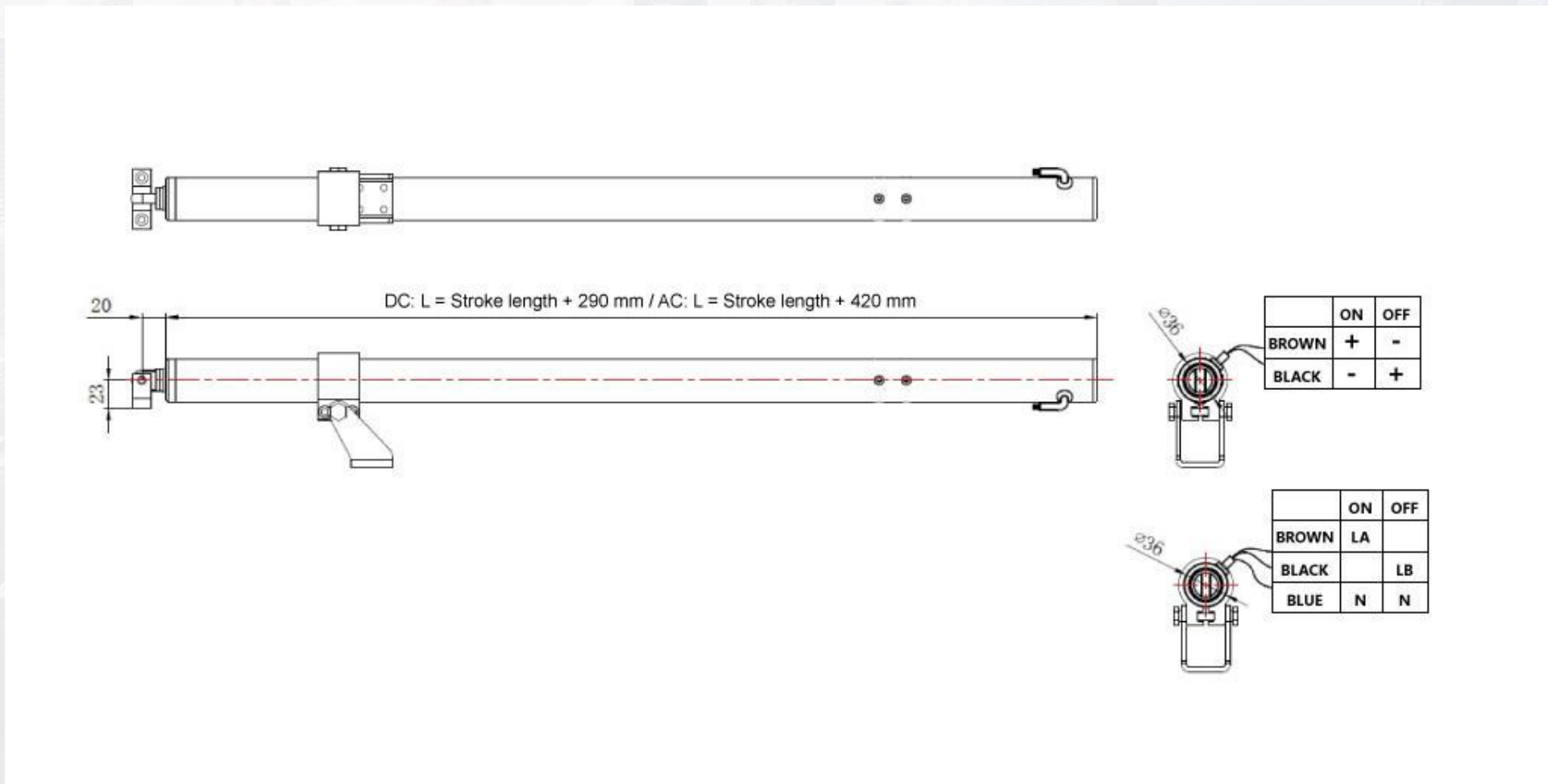
Specifications	
Maximum dynamic load	600 N/ 61 kgs/ 135 lbs
Maximum static load	900 N/ 92 kgs/ 202 lbs
Operation voltage/Current consumption	AC 220V/0.3A; DC 24V/1.2A
travel speed	10mm/sec (0.4 inches/ sec)
Operating condition	-20°C ~ 75°C
Standard color	light gray
IP rating	IP65
Noise level	38 dB
Materials	aluminum, stainless steel
Certifications	CE, RoHS
Remote control	optional

Item no.	Operation voltage	Stroke length	Installation dimension
KST-S0112-DC24	DC 24V	12 inches / 300 mm	22.04 inches / 560 mm
KST-S0116-DC24	DC 24V	16 inches / 400 mm	25.98 inches / 660 mm
KST-S0120-DC24	DC 24V	20 inches / 500 mm	29.92 inches / 760 mm
KST-S0124-DC24	DC 24V	24 inches / 600 mm	33.85 inches / 860 mm
KST-S0128-DC24	DC 24V	28 inches / 700 mm	37.80 inches / 960 mm
KST-S0132-DC24	DC 24V	32 inches / 800 mm	43.70 inches / 1,110 mm
KST-S0136-DC24	DC 24V	36 inches / 900 mm	47.64 inches / 1,210mm
KST-S0140-DC24	DC 24V	40 inches / 1,000 mm	51.57 inches / 1,310 mm

Item no.	Operation voltage	Stroke length	Installation dimension
KST-S0112-AC220	AC 220V	12 inches / 300 mm	27.17 inches / 690 mm
KST-S0116-AC220	AC 220V	16 inches / 400 mm	31.10 inches / 790 mm
KST-S0120-AC220	AC 220V	20 inches / 500 mm	35.03 inches / 890 mm
KST-S0124-AC220	AC 220V	24 inches / 600 mm	38.98 inches / 990 mm
KST-S0128-AC220	AC 220V	28 inches / 700 mm	42.91 inches / 1,090 mm
KST-S0132-AC220	AC 220V	32 inches / 800 mm	48.81 inches / 1,240 mm
KST-S0136-AC220	AC 220V	36 inches / 900 mm	52.76 inches / 1,340mm
KST-S0140-AC220	AC 220V	40 inches / 1,000 mm	56.69 inches / 1,440 mm

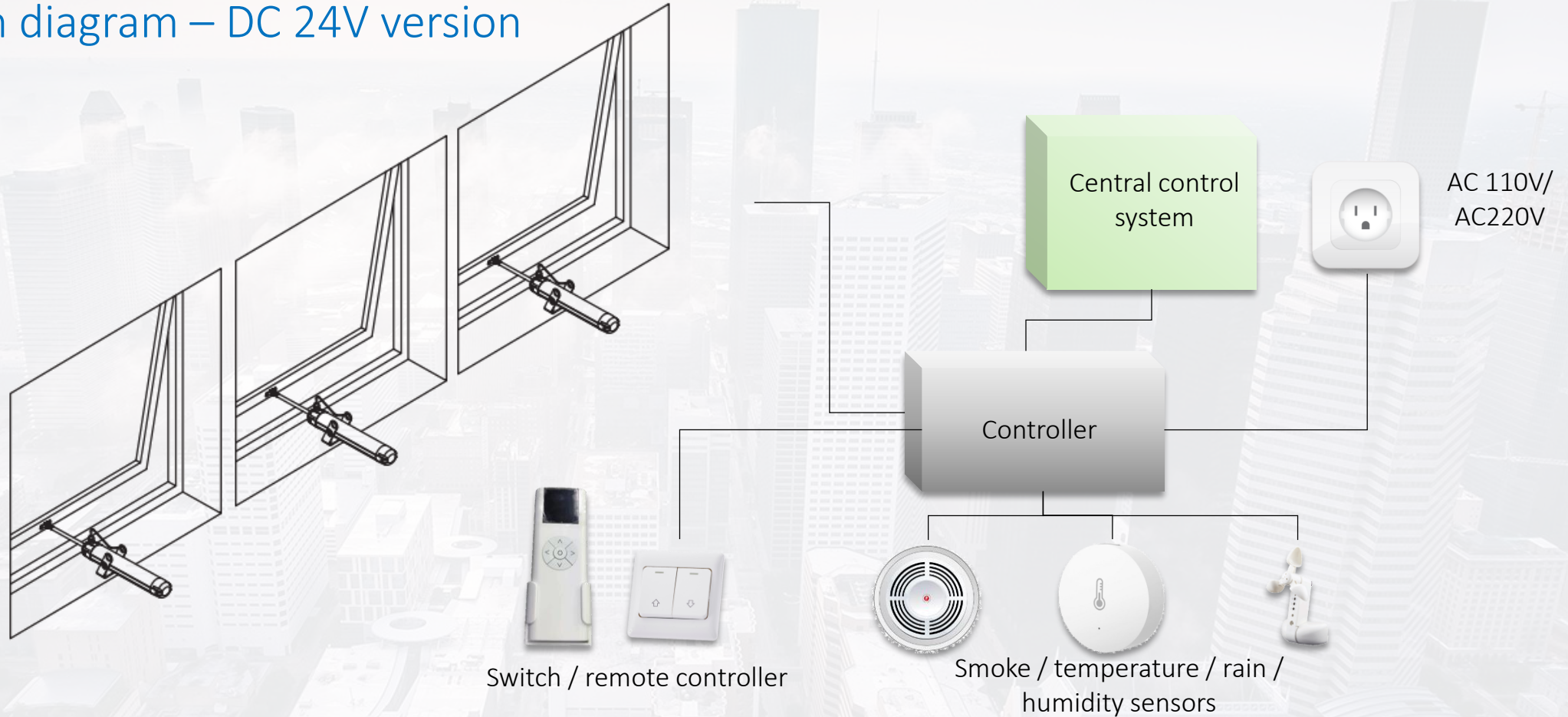
KST-S02 SPINDLE ACTUATOR

Line Drawing



KST-S01 SPINDLE ACTUATOR

System diagram – DC 24V version



Manual control

Through either central control system or manual switch.



Automatic timer control

Setting daylight saving time and connecting to controller.



Automatic smoke ventilation

When the sensor detected the smoke of fire. It will send signal to actuator immediately. Window is going to open to remove the smoke.

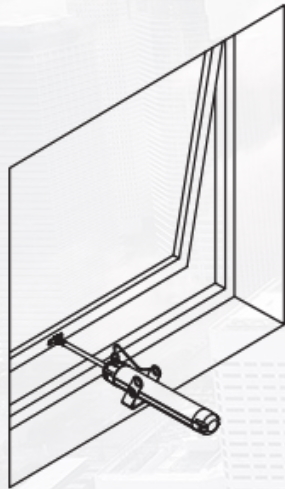


Automatic natural ventilation

To make people feel comfortable indoor. We can connect the actuator with the temperature, humidity, and CO2 sensors to improve the ventilation in the building.

KST-S01 SPINDLE ACTUATOR

System diagram – AC 220V version



AC 110V/
AC220V



Manual control

Control windows directly.



Remote control

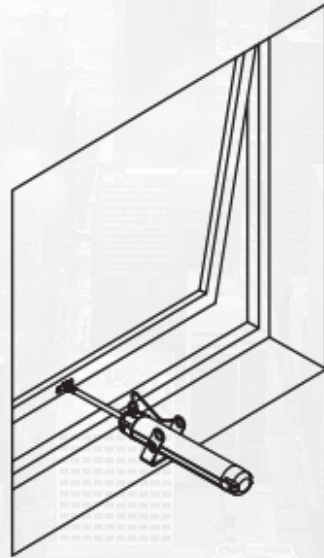
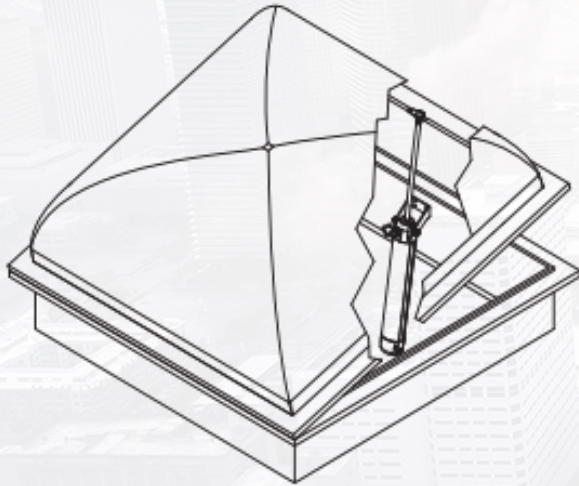
Control windows anyplace and anytime.



Switch / remote controller

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Applications



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Applications





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Open Those Windows
Where You Couldn't Reach.