

SPRING RESET DAMPER ACTUATOR MODEL SRA81



SRA81 series electric damper actuators adopt imported DC motor/brushless motor to provide power with torques of 5NM. It is widely used in building ventilation fields, which can realize mechanical reset when power off and electric start, providing more than 30000 times of repeated action.

Features

- Fast and reliable reset in case of power failure or emergency
- The actuator is equipped with a high-precision control system for precise execution and positioning

Technical parameter

General

Function parameter

Torque	5Nm
Suitable damper size	Under normal wind resistance, 1NM matches 0.1 square meter (include airtight valve matching scheme)
Rotating direction	Manual adjustment available
Manual operation	Available in all series
Rotation angle	Max 95°. Full stroke can be adjusted by mechanical limit
Run time	Adjustable within the parameter range
Noise level	Motor running 46db, spring reset 62db
Position indication	mechanical indication
Dimension	See Dimension drawing
Length of Shaft	>50mm
Size of Shaft	10-20 Round Shaft 10x10..16x16 Round Shaft
Weight	<1.8kg

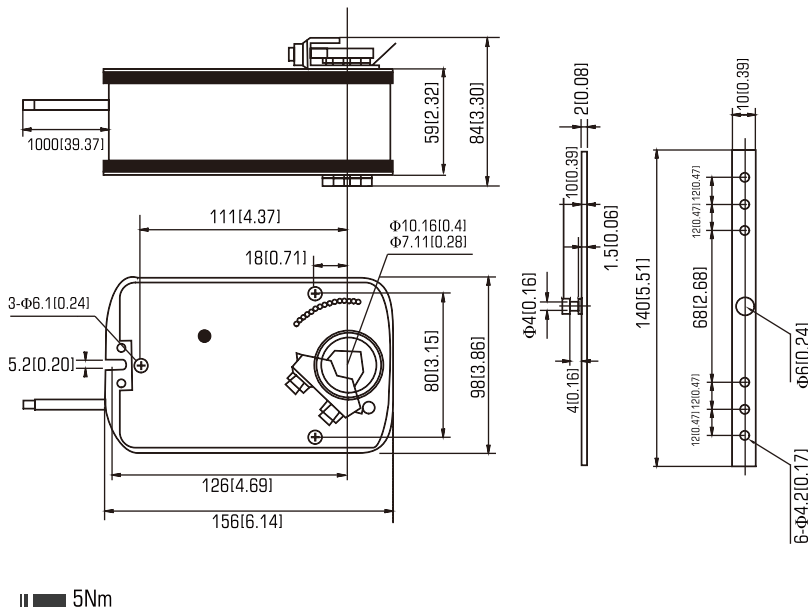
Operating conditions

Electrical grade	III (safety low voltage) II (double insulation)
IP grade	IP54
Working environment temperature	-20...+50°C[-4...122°F]
Storage ambient temperature	-30...+80°C[-22...176°F]
Temperature test	95% RH, non-condensing /EN 60730-1

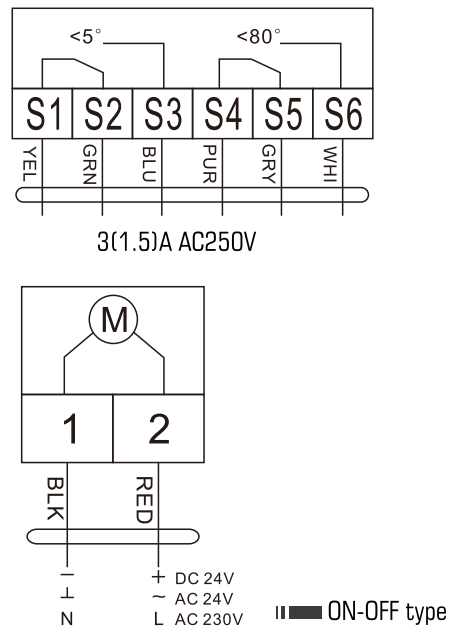
Electrical overview

Rated voltage	AC24V 50/60Hz DC24V /AC100...240V 50/60Hz
Rated voltage range	AC/DC19.2...28.8V /AC85...265V
Power consumption	Run status standby status
Cable size	0.5mm ²
Auxiliary switch rating	3A,AC230V

Dimensions in mm(in)



Wiring diagram



Ordering information

Model	Output Torque	Power Supply	Running Time	Control Signal	Optional F auxiliary switch
SRA81-T0524-K/T1024-K	5N/10N	24V	Motor run time 70s; Spring reset time <20s	ON-OFF control	/
SRA81-T0524-KF/T1024-KF	5N/10N	24V		ON-OFF control	Two sets of auxiliary switches
SRA81-T05230-K/T10230-K	5N/10N	230V	Spring reset time <20s	ON-OFF control	/
SRA81-T05230-KF/T10230-KF	5N/10N	230V		ON-OFF control	Two sets of auxiliary switches

Please make separate remarks for special requirements.