

SOLOON

S6061SC Series Spring Return Damper Actuator



S6061SC-3.5



S6061SC-05



S6061SC-10/15



S6061SC-20

The damper actuator specially designed for the air dampers of the HVAC System.

Features

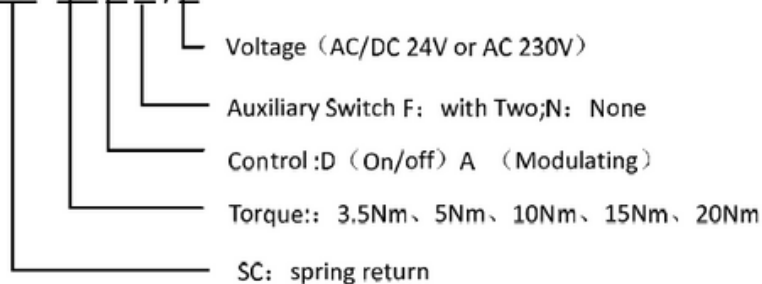
Torque Options:
3.5 Nm, 5 Nm, 10 Nm, 15 Nm, 20 Nm

Nominal Voltage:
AC/DC 24V or AC 230V

Control Signal Options:
On/Off or 0–10 V (modulating)

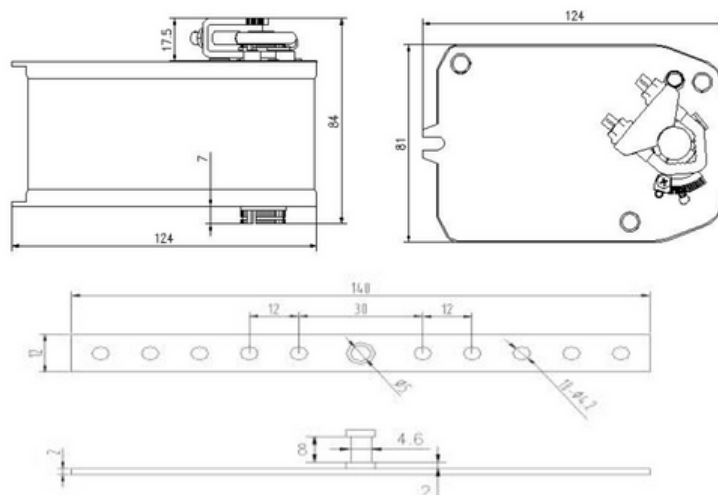
Order Code

S6061XX-XX XX /X



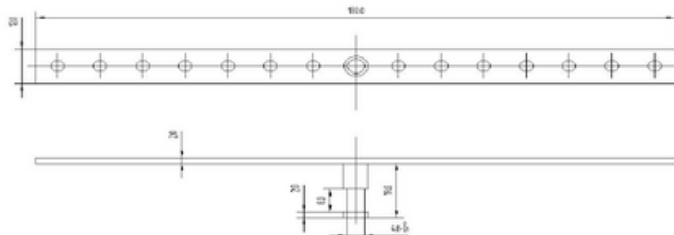
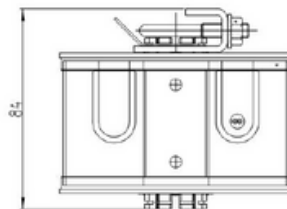
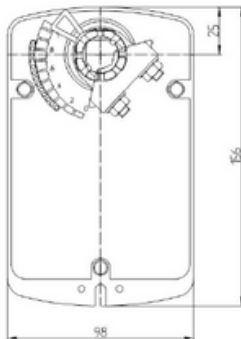
S6061SC-3.5 Specifications

Items	S6061SC-3.5DN(F)/24V	S6061SC-3.5DN(F)/230V	S6061SC-3.5AN(F)/24V
Torque (Nm)	3.5Nm		
Damper Size(m ²)	0.8m ²		
Running Time(sec)	Motor <70S; Spring return <30S		
Nominal voltage(V)	AC/DC 24V; AC 230V 50/60Hz		
Nominal voltage Range	AC/DC 19.2-28.8V ; AC 85-265V		
Power consumption	2.5W(in operation)		
	1.6W(Holding)		
Power consumption of wiring sizing (VA)	5VA		
Weight (Kg)	1Kg		
Control Signal	On/Off		0-10V
Angle of rotation	0~90° (Max 93°)		
Limited angle	5~85° (Per step 5°)		
Auxiliary switch	None or Two		
Life cycle	≥70000		
Noise level	50dB; 62dB		
Protection Class	III	II	III
Protection Level	IP54		
Ambient temperature	-20~+50℃		
Ambient Humidity	5~95%RH		
Storage temperature	-40~+70℃		
Shaft Diameter	 8-14mm		
Cable	1 m		
Certificate	CE & EAC		



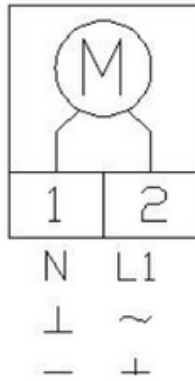
S6061SC-05 Specifications

Items	S6061SC-05DN(F)/24V	S6061SC-05DN(F)/230V	S6061SC-05AN(F)/24V
Torque (Nm)	5Nm		
Damper Size(m ²)	1m ²		
Running Time(sec)	Motor <70S;Spring return <20S		Motor <120S;Spring return <20S
Nominal voltage(V)	AC/DC 24V;50/60Hz	AC 230V;50/60Hz	AC/DC 24V;50/60Hz
Nominal voltage Range	AC/DC 19.2-28.8V	AC 85-265V	AC/DC 19.2-28.8V
Power consumption	5W(in operation)		
	2.5W(Holding)		
Power consumption of wiring sizing (VA)	5VA		
Weight (Kg)	1.4Kg		
Control Signal	On/Off		0~10V
Angle of rotation	0~90° (Max 93°)		
Limited angle	5~85° (Per step 5°)		
Auxiliary switch	None or Two		None or One
Life cycle	≥70000		
Noise level	50dB ;62dB		
Protection Class	III	II	III
Protection Level	IP54		
Ambient temperature	-20~+50°C		
Ambient Humidity	5~95%RH		
Storage temperature	-40~+70°C		
Shaft Diameter	 10-16mm		
Cable	1 m		
Certificate	CE & UL & EAC		



Wiring Diagrams

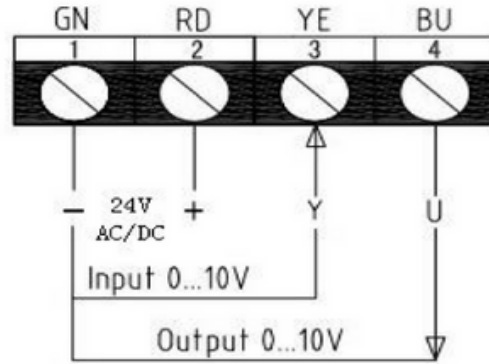
S6061SC-D



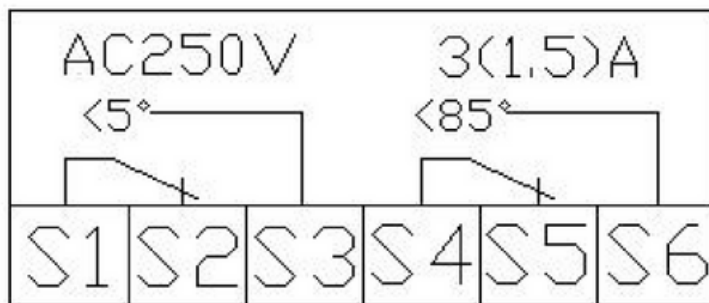
24VAC/DC $\pm$ 10%

230VAC $\pm$ 10%

S6061SC-A



Auxiliary Switch



S6061SC-05A

