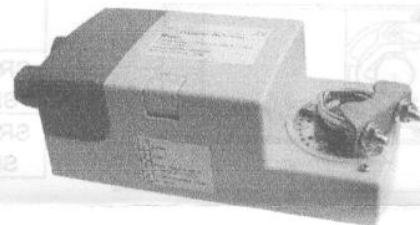


SRD03 FLOATING DAMPER ACTUATOR

DESCRIPTION

SRD03 floating damper actuator uses bi-directional AC motor. It is compact, small volume, smart design, and has high IP class and various torques. It is widely used for damper control in air-conditioning system, and angular travel control and zone valve control in water circuit.



CHARACTERISTICS

- VARIOUS TORQUES
 - 2, 4, 6, 8, 10, 15, 20, 30 Nm
- HIGH DEPENDABLE PERFORMANCE
 - Adjustable limiter
 - With overload protection function, the actuator can stop automatically at the end of stroke without limit switch.
- SIMPLE AND CONVENIENT FUNCTION TESTING

It is also convenient to test the function of damper operation: push the manual button on the actuator, the gears inside the actuator will break away. The damper can be operated manually as keeping push the manual button. PLEASE DO NOT OPERATE WHEN POWER IS ON!

- SIMPLE INSTALLATION

Square shaft type: Fix with square damper shaft. Damper shaft dimensions: For 2~10Nm, Ø10~16 □8~11; for 15~30Nm, Ø15~20 □10~14.

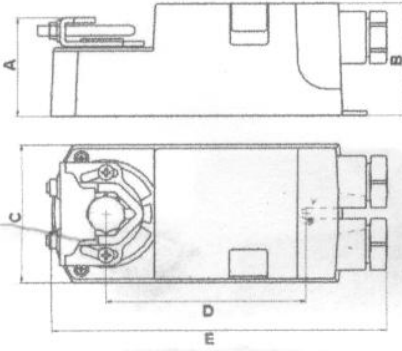
SPECIFICATIONS AND TECHNICAL DATA

MODEL	SRD03-02XXX	SRD03-04XXX	SRD03-06XXX	SRD03-08XXX	SRD03-10XXX	SRD03-15XXX	SRD03-20XXX	SRD03-30XXX
TORQUE	≥2Nm	≥4Nm	≥6Nm	≥8Nm	≥10Nm	≥15Nm	≥20Nm	≥30Nm
OPERATION TIME (50Hz, 90°)	108s (50Hz) / 90s (60Hz)				125s (50Hz)	118s (50Hz)		165s (50Hz)
POWER CONSUMPTION	24V, 110V and 120V products: 3VA 220V and 230V products: 6VA					24V: 4.5VA 220V: 8VA		
CABLE	0.5~1.5mm ²							
ROTATE ANGLE	90° < Mechanical limitation ≤ 95°							
NOISE LEVEL	Maximum 45dB(A)							
IP CLASS	IP 54							
AMBIENT TEMP.	-5°C ~ +50°C							
STORAGE TEMP.	-30°C ~ +70°C							
USEFUL LIFE	>60000 cycles							

Notice: Power supply: rated voltage±10%

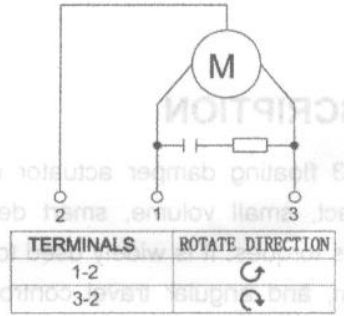
XXX indicates the voltage of power supply.

DIMENSIONS (mm)

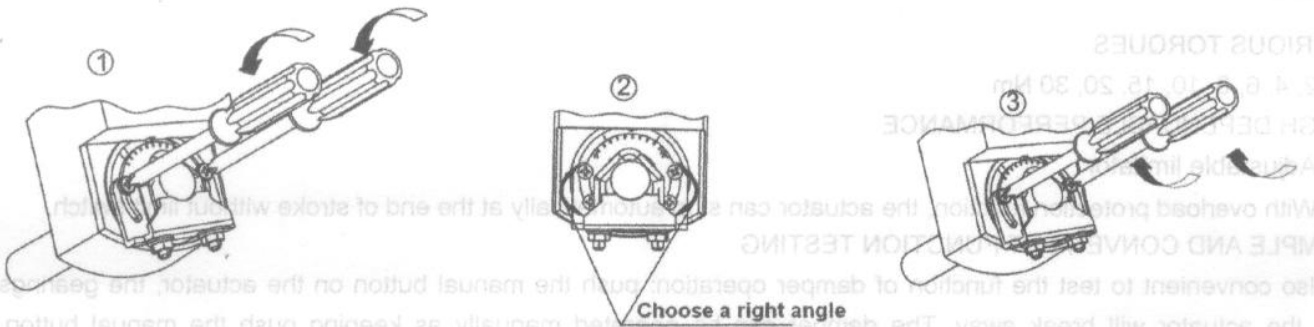


Model	Dimensions (mm)				
	A	B	C	D	E
SRD03-02... SRD03-10	47.5	54	66.5	94	158
SRD03-15... SRD03-30	50.5	58	90	151	208

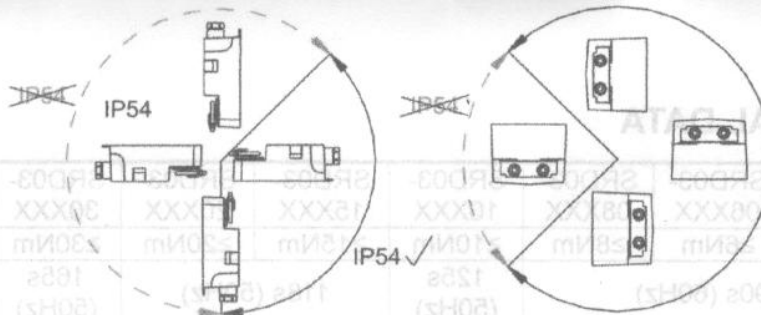
WIRING DIAGRAM



LIMITED ANGLE DIAGRAM



INSTALLATION POSITION & IP CLASS



DISASSEMBLY WIRING TERMINAL

