

SRF05A Series Overview

Description

SRF05A are large current, capsule slip rings. In applications like small wind turbines, revolving stage of lights industry. precious metal contact, ensure the stability and working life.

22mm outside diameter, 5A/circuit, 2, 3, 4, 6, 8, 12 circuits are available.



Specifications

Item	
Operating Speed	Max.150 RPM*
Number of Circuits	2~12 wires
Lead Wire	AWG22#, Teflon, 250mm
Voltage	250V AC/DC
Operating Temperature	-20 ℃ to 65 ℃
Current Rating	5A circuits
Noise	<0.01Ω
Torque	0.02N.m
Housing Material	Plastic
Protection Grade	IP51

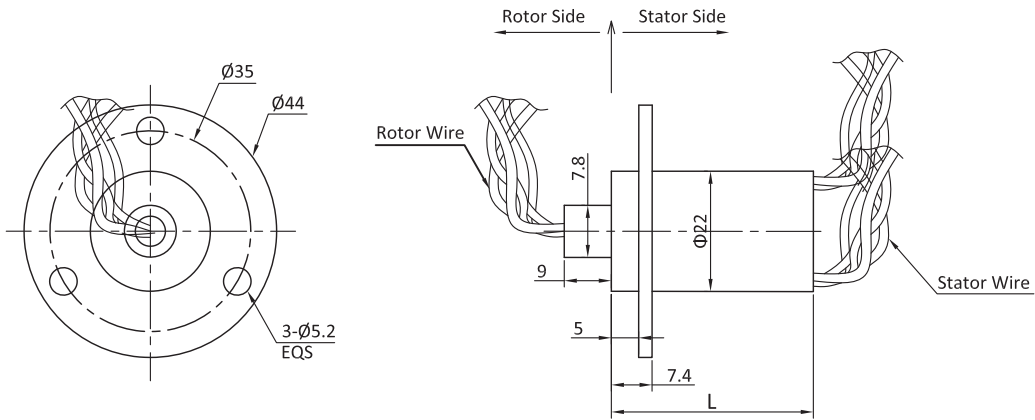
* Please note that the operational life of the unit is dependent upon rotational speed, environment and temperature

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SRF05A Series Dimensions



Notes:

1. Drawings not actual size, dimensions are in millimeters

Part# List

Model#	Power Circuits(5A)	Signal (2A)	Voltage(V)	OD(mm)	Length(mm)
SRF05A-2	2	-	250	22	19
SRF05A-3	3	-	250	22	26.4
SRF05A-4	4	-	250	22	26.4
SRF05A-6	6	-	250	22	26.4
SRF05A-8	8	-	250	22	35
SRF05A-12	12	-	250	22	42.5

Notes: Not all of the part number are list in this table, if can not find suitable products, please contact us!

Lead wire color code(From the rotor)

Ring#	Color	Description/AWG	Ring#	Color	Description/AWG
1	BLK	Power / 5A, AWG22#	7	BLU	Power / 5A, AWG22#
2	BRN		8	VIO	
3	RED		9	GRY	
4	ORN		10	WHT	
5	YEL		11	PINK	
6	GRN		12	SOFT-BLU	