

# SRH60135 series



## Through-bore dia. 60mm

- ◆ Make use of advanced sheaf brush technology to design and manufacture
- ◆ Suffice 360° unrestrained continuous rotation to transmitting power and/or data
- ◆ Product modularize
- ◆ Long life and maintenance-free operation



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## Description

A slip ring can be used in any electro-mechanical system that requires unrestrained, continuous rotation while transmitting power and/or data from a stationary to a rotating structure. A slip ring is also called a rotary electrical interface, collector, swivel, or a rotary joint. A slip ring can improve system performance by simplifying operations and eliminating damage-prone wires dangling from movable joints.

A slip ring are metal rings that provide a continuous electrical connection through brushes on stationary contacts.

It's configuration is column type. each ring lies along the drum axis, like threads on a bolt.

The SRH60135 uses sheaf brush technology which offers several advantages over conventional slip ring contacts, including multiple points of contact per brush bundle, low contact force per brush, low noise and low contact wear rates. In addition, sheaf brushes do not require lubrication and produce virtually no wear debris.

## Applications

- ◆ Rotary index tables, machining centers etc Industrial machinery
- ◆ Cable reelst,est equipment and machining centers
- ◆ Heavy equipment turrets
- ◆ Packaging machines, magnetic clutches, palletizing machines
- ◆ Process control equipment
- ◆ Rotary sensors, robotics,emergency lighting
- ◆ Display/ Medical equipment, Exhibit equipment



**P, P1, P2 respectively 10A, 15A, 20A**

Model	L=mm	Current		Total rings
		Power (10A、15A or 20A)	Signal (5A)	
SRH60135-6P	77.5	6	—	6
SRH60135-12S	77.5	—	12	12
SRH60135-12P	107.5	12	—	12
SRH60135-6P/12S	107.5	6	12	18
SRH60135-24S	107.5	—	24	24



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Model	L=mm	Current		Total rings
		Power (10A、15A or 20A)	Signal (5A)	
SRH60135-18P	137.5	18	—	18
SRH60135-12P/12S	137.5	12	12	24
SRH60135-6P/24S	137.5	6	24	30
SRH60135-36S	137.5	—	36	36
SRH60135-24P	167.5	24	—	24
SRH60135-18P/12S	167.5	18	12	30
SRH60135-12P/24S	167.5	12	24	36
SRH60135-6P/36S	167.5	6	36	42
SRH60135-48S	167.5	—	48	48
SRH60135-30P	197.5	30	—	30
SRH60135-24P/12S	197.5	24	12	36
SRH60135-18P/24S	197.5	18	24	42
SRH60135-12P/36S	197.5	12	36	48
SRH60135-6P/48S	197.5	6	48	54
SRH60135-60S	197.5	—	60	60
SRH60135-36P	227.5	36	—	36
SRH60135-30P/12S	227.5	30	12	42
SRH60135-24P/24S	227.5	24	24	48
SRH60135-18P/36S	227.5	18	36	54
SRH60135-12P/48S	227.5	12	48	60
SRH60135-6P/60S	227.5	6	60	66
SRH60135-72S	227.5	—	72	72
SRH60135-42P	257.5	42	—	42
SRH60135-36P/12S	257.5	36	12	48
SRH60135-30P/24S	257.5	30	24	54
SRH60135-24P/36S	257.5	24	36	60
SRH60135-18P/48S	257.5	18	48	66
SRH60135-12P/60S	257.5	12	60	72
SRH60135-6P/72S	257.5	6	72	78
SRH60135-84S	257.5	—	84	84
SRH60135-48P	287.5	48	—	48
SRH60135-42P/12S	287.5	42	12	54



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Model	L=mm	Current		Total rings
		Power (10A、15A or 20A)	Signal (5A)	
SRH60135-36P/24S	287.5	36	24	60
SRH60135-30P/36S	287.5	30	36	66
SRH60135-24P/48S	287.5	24	48	72
SRH60135-18P/60S	287.5	18	60	78
SRH60135-12P/72S	287.5	12	72	84
SRH60135-6P/84S	287.5	6	84	90
SRH60135-96S	287.5	—	96	96

Can be customized according to customer requirements to 216 channels

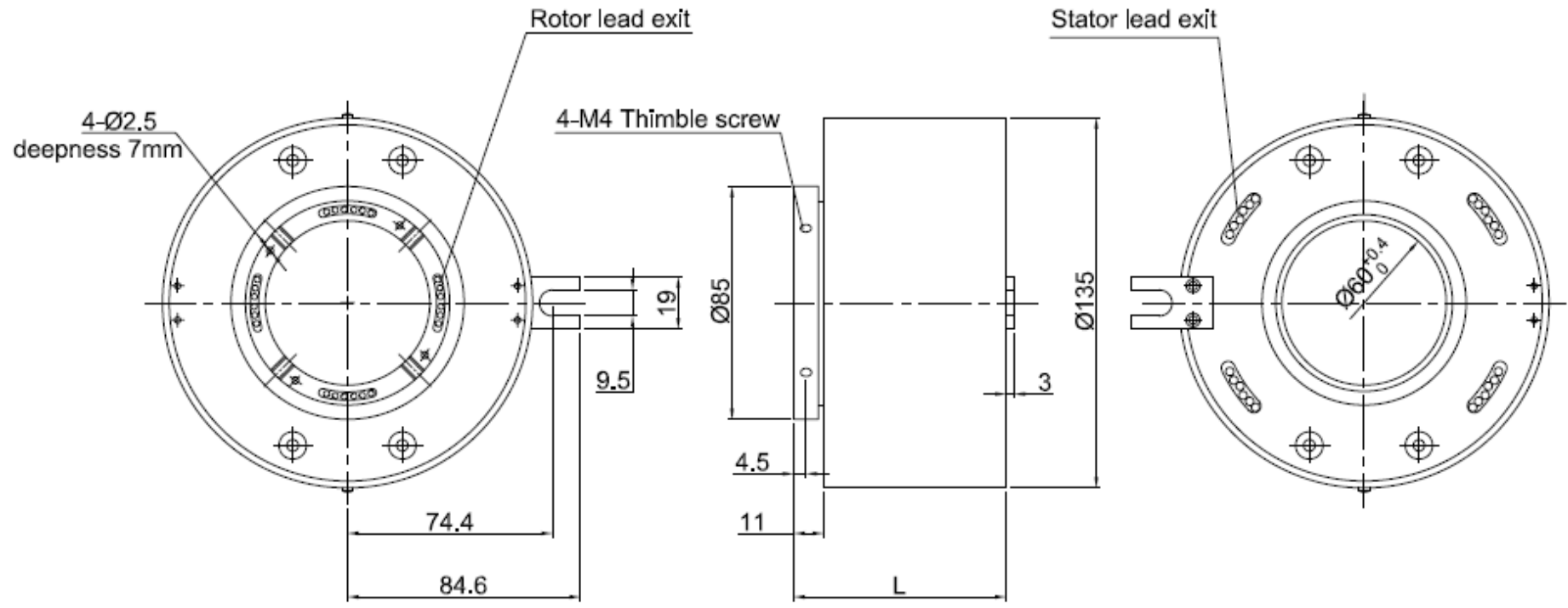
### Electrical data .

Lead	Power: tinning wires, PTFE or PVC insulated Signal: silver plated, PTFE or PVC insulated
Standard Lead lengths	500mm (other lengths on request)
Voltage	Power: 0-600VAC; Signal: 0-240VAC
Insulation Resistance	$\geq 1000\text{M}\Omega/500\text{VDC}$
Dynamic contact Resistance	$\leq 0.01\Omega$

### Mechanical data

Operate Speed	0 - 800 rpm continuous
Contact material surface	Gold or silver alloy
Bearing	Steel ball bearings
Housing	Engineering plastics
Temperature range	-40° C to 80° C
Features	All closed

### SRH60135 Outline dimension



1, Drawings is referenced size, measurements are in millimeters.

2, Rotor and stator leads exit 4 places, 90° apart