

SRH70155 – 70 mm through-bore

Slip rings can be used in any electromechanical system requiring unrestrained, continuous rotation, while transmitting power and/or data from a stationary to a rotating structure.

A slip ring is sometimes referred to as a rotary electrical interface, collector, swivel or rotary joint.

The SRH Series uses multiple contact point technology, allowing for low contact electric resistance between brushes and ring. This reduces electrical noise and the slip ring gets a longer lifetime.

No lubrication required.



Typical applications

- Cable reels
- Medical equipment
- Packaging machines

Quick facts

- Compact size
- Quick delivery
- Low cost
- High reliability and duration
- Low friction torque
- Smooth rotation
- In compliance with CE and ROHS standards

Number of circuits	6, 12, 18, 24, 36, 48, 60, 72-96
Voltage	600 VAC
Cables/Current rating	tin plated, PTFE insulation /15 A or 10 A: AWG16 2 A: AWG26
Dielectric strength	1000 VAC at 60 Hz
Insulation resistance	500 VAC at 60 Hz
Insulation resistance	> 1000 MΩ / 500 Vcc
Nominal speed	1000 rpm
Temperature	-20°C to +80°C
Rating life	10 ⁸ revolutions (depending on speed and on environmental conditions)
Contact	Gold on Gold / Silver on Silver
Protection	IP51 or high or request

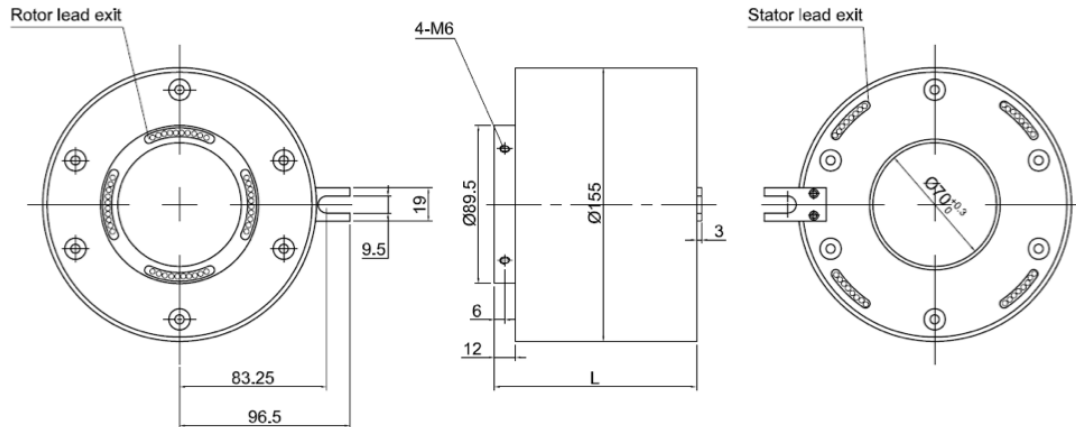
We can also offer custom designs. As a customer you have the possibility to specify the slip ring to comply with your needs. We can also offer hybrid units, for example a combined slip ring and fiber optic rotary joint, integrated into one small housing.

Other options we can offer:

- Inclusion of coax and miniature data bus cables
- Harnessing of lead wires into chosen crimps and connectors

SRH70155

Outline dimension



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

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

Model	Total Rings	2A	10A / 15A	Length
SRH70155-18P	18	-	18	144.5 mm
SRH70155-12P/12S	24	12	12	144.5 mm
SRH70155-6P/24S	30	24	6	144.5 mm
SRH70155-36S	36	36	-	144.5 mm
SRH70155-24P	24	-	24	174.5 mm
SRH70155-18P/12S	30	12	18	174.5 mm
SRH70155-12P/24S	36	24	12	174.5 mm
SRH70155-6P/36S	42	36	6	174.5 mm
SRH70155-48S	48	48	-	174.5 mm
SRH70155-30P	30	-	30	204.5 mm
SRH70155-24P/12S	36	12	24	204.5 mm
SRH70155-18P/24S	42	24	18	204.5 mm
SRH70155-12P/36S	48	36	12	204.5 mm
SRH70155-6P/48S	54	48	6	204.5 mm
SRH70155-60S	60	60	-	204.5 mm

Model	Total Rings	2A	10A / 15A	Length
SRH70155-6P/60S	66	60	6	234.5 mm
SRH70155-72S	72	72	-	234.5 mm
SRH70155-42P	42	-	42	234.5 mm
SRH70155-36P/12S	48	12	36	234.5 mm
SRH70155-30P/24S	52	24	30	234.5 mm
SRH70155-24P/36S	60	36	24	234.5 mm
SRH70155-18P/48S	66	48	18	234.5 mm
SRH70155-12P/60S	72	60	12	234.5 mm
SRH70155-6P/72S	78	72	6	234.5 mm
SRH70155-84S	84	84	-	234.5 mm
SRH70155-48P	48	-	48	294.5 mm
SRH70155-42P/12S	54	12	42	294.5 mm
SRH70155-36P/24S	60	24	36	294.5 mm
SRH70155-30P/36S	66	36	30	294.5 mm
SRH70155-24P/48S	72	48	24	294.5 mm
SRH70155-18P/60S	78	60	18	294.5 mm
SRH70155-12P/72S	84	72	12	294.5 mm
SRH70155-6P/84S	90	84	6	294.5 mm
SRH70155-96S	96	96	-	294.5 mm

For color codes, please contact us!