

### High speed rotating slip ring - SH Series

Slip rings of the SH series are specially design for high speed slip ring, precision ball bearings and the patented fiber brush design allow operation up to 15,000 rpm. Fiber brush technology offers several advantages over conventional slip ring contacts including multiple points of contact per brush bundle, low contact force per fiber and low contact wear rates.

#### Features

- ◆ Compact design
- ◆ No maintenance
- ◆ Operating smoothly and reliability
- ◆ Extremely low electrical noise
- ◆ Convenient to assembly
- ◆ Compatible with data bus protocols
- ◆ Precious metal contact ensures long life-span

#### Typical applications

- ◆ Electrical test equipment
- ◆ Indexing tables, Cable reels
- ◆ Robotics, rotary sensors, urgent illumination equipment
- ◆ Exhibit / display equipment
- ◆ CCTV pan
- ◆ Laboratory equipment

#### Options

- ◆ Working speed
- ◆ Rated voltage
- ◆ Rated current
- ◆ No. of rings
- ◆ Connector
- ◆ Flange mounting
- ◆ Housing material
- ◆ Position of wire outlet, wire length
- ◆ Protection level (dust and water)

## Specifications for SHM012-6B3-SW

Electrical Data		Mechanical Data	
No. of Rings	6rings	Outer Diameter	12.4mm
Rated Current	2A/ring	Max Speed	800rpm
Rated Voltage	0-240VAC/VDC	Working Temperature	-20°C~+80°C
Dielectric Strength	500VAC@50HZ,60S	Working Humidity	60% RH or higher
Insulation Resistance	500MΩ/500VDC	Structure Material	Engineering plastic
Electrical Noise	<0.01Ω	Contact material	Precious metals
Lead Length	250mm	IP rating	IP51

## Drawing for Outline Dimension

