

### 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 SHG45120-10P

Electrical Data		Mechanical Data	
No. of Rings	10rings	Inner Diameter	45mm
Rated Current	10A/ring	Outer Diameter	120mm
Rated Voltage	380 VAC/240VDC	Working Speed	600-2000rpm
Dielectric Strength	500VAC@50HZ,60S	Working Temperature	-20°C~+80°C
Insulation Resistance	500MΩ/500VDC	Working Humidity	60% RH or higher
Electrical Noise	<0.01Ω	Housing Material	Aluminum alloy
Lead Length	500mm	Contact Material	Precious metals
		IP Rating	IP54

## Drawing for Outline Dimension

