SLIP RING
SC104-L01

DATA

- Number of rings: 2 / 4
- Current per ring: max. 16 A
- Voltage: 480 V_{AC}
- Dielectric strength: 1500 V_{AC}
- Insulation resistance: >500 MΩ at 500 V_{DC}
- Rotation speed: max. 800 rpm
- Protection class: IP54
- Operating temperature: -20 °C ... +70 °C
- Electrical connection: 1000 mm flying leads
  AWG16 -leads (1.23 mm²) PTFE
- Housing material: Fibre-reinforced polycarbonate

FACTS

- Outer diameter: max. 104 mm
- Hollow shaft diameter: max. 50 mm
- Fieldbusses

The system is maintenance free for up to 150 million rotations (depending on rotation speed and environmental conditions). Brush block changeable for easy maintenance and extended life time.

APPLICATION EXAMPLES

- Access System
- Drain Inspection
- Packaging Machine

FACTS

- Outer diameter: max. 104 mm
- Hollow shaft diameter: max. 50 mm
- Fieldbusses

The system is maintenance free for up to 150 million rotations (depending on rotation speed and environmental conditions). Brush block changeable for easy maintenance and extended life time.

APPLICATION EXAMPLES

- Access System
- Drain Inspection
- Packaging Machine

DATA

<table>
<thead>
<tr>
<th>Number of rings</th>
<th>2</th>
<th>4</th>
</tr>
</thead>
<tbody>
<tr>
<td>L* (mm)</td>
<td>59</td>
<td>83</td>
</tr>
</tbody>
</table>

Torque coupling

Lead exit 90° prepared

Bore Ø 3.3 (4x90°)

TKØ 60

Ø 1.8 ±0.05 x10 (4x90°)

TKØ 59.8

TKØ 59.8

Ø 50 ±0.05

Ø 104

Ø 3.3x12 (4x90°)
The SC104 is a standard slip ring with exceptionally durable industrial bearings. With additional slots for axial cable routings, it can be applied modularly as combination of up to four systems with 16 rings max. The torque support can be placed at the front or back side of the housing and with flexibility of 90°. All models are equipped with 1 meter lead wires, lead exit optionally on one side of the housing - to turn them on 0°, 90°, 180° and 270°.

Stated values are standard. Other configurations are available on request.
Subject to change without prior notice. Issued 10/2019