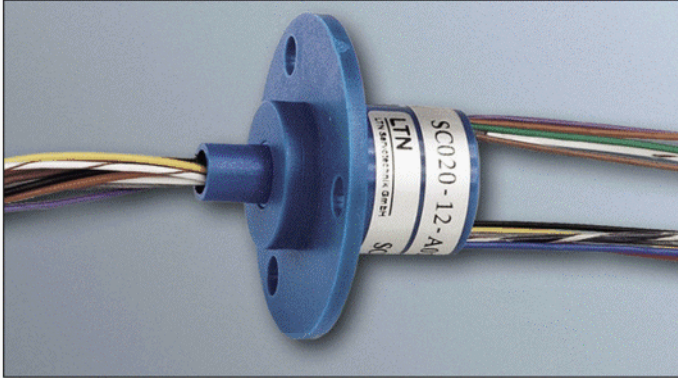
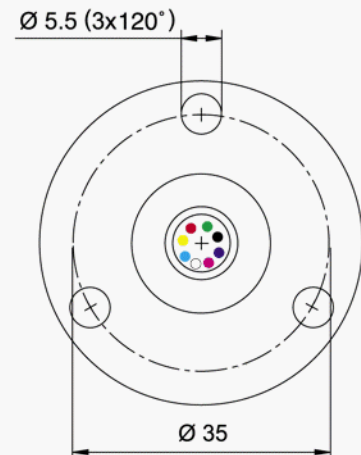
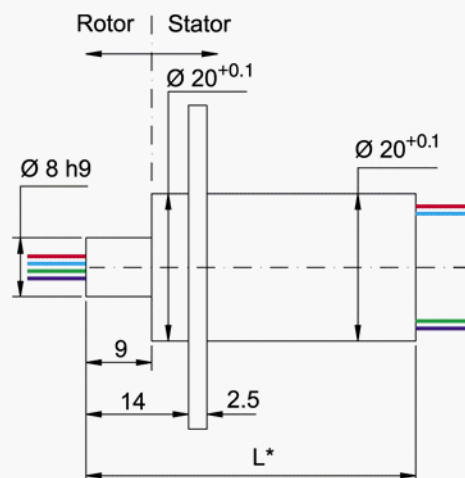
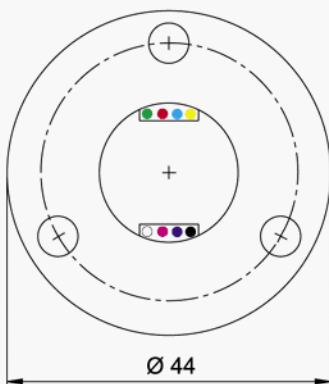


## Slip Ring Capsule SC 020



- 6, 12, 18, 24 or 36 rings for max. 2 A each
- 2 rings combined for 4 A;  
3 combined rings for 6 A
- Outer diameter 20 mm
- 48 Vdc; 240 Vac on request

L\* = 27 mm at 6 rings  
 L\* = 36 mm at 12 rings  
 L\* = 45 mm at 18 rings  
 L\* = 54 mm at 24 rings  
 L\* = 72 mm at 36 rings



### Electrical Data

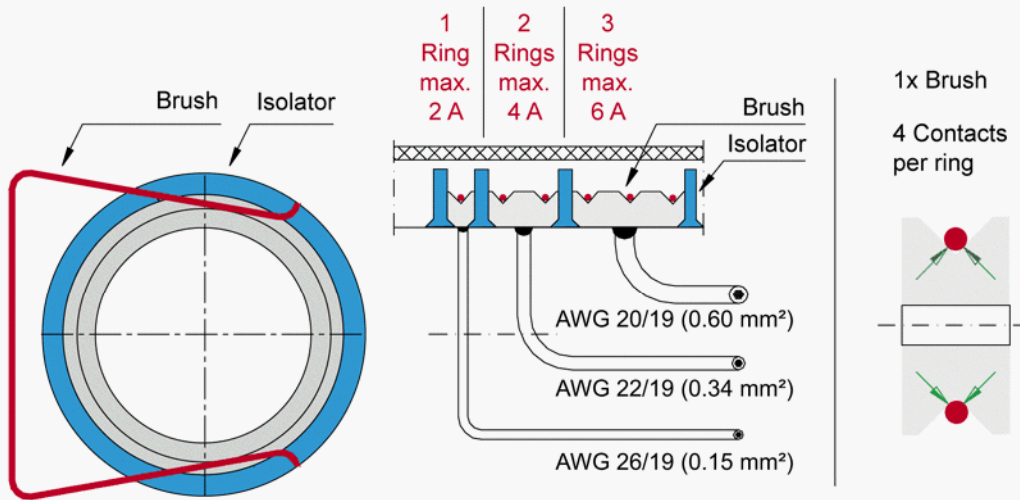
Number of rings : 6, 12, 18, 24 or 36  
 Current : 2 A max. per ring; 4 A with 2 combined rings; 6 A with 3 combined rings  
 Voltage : 48 Vdc max.; 240 Vac on request  
 High pot : 500 Vac  
 Insulation resistance : 1000 MΩ at 500Vdc  
 Noise : 20 mΩ at 5 rpm, 6 Vdc and 50 mA  
 Contacts / Leads : Gold-gold / silver plated copper with teflon insulation

### Mechanical Data

Speed : 250 rpm max.  
 Protection class : IP 51; IP 68 on request  
 Temperature : -20 °C ... +80 °C (-5 °F ... +175 °F)  
 Rotor connection : 300 / 600 / 1000 mm leads; AWG 26/19 (0,15 mm<sup>2</sup>); 36 rings AWG 28; others on request  
 Stator connection : 300 / 600 / 1000 mm leads; AWG 26/19 (0,15 mm<sup>2</sup>); 36 rings AWG 28; others on request  
 Bearings : Miniature ball bearings of steel  
 Housing : with flange of PC; others on request

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### Operating Principle



### Order Information

Type of slip ring :

S	C	0	2	0
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No. of rings with :

max. 2 A  
max. 4 A  
max. 6 A


Standard : 6 / 12 / 18 / 24 / 36

Length of leads in mm :

Rotor  
Stator


Standard : 300 mm  
Standard : 300 mm

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