

THR022-05TF-1202

General Description

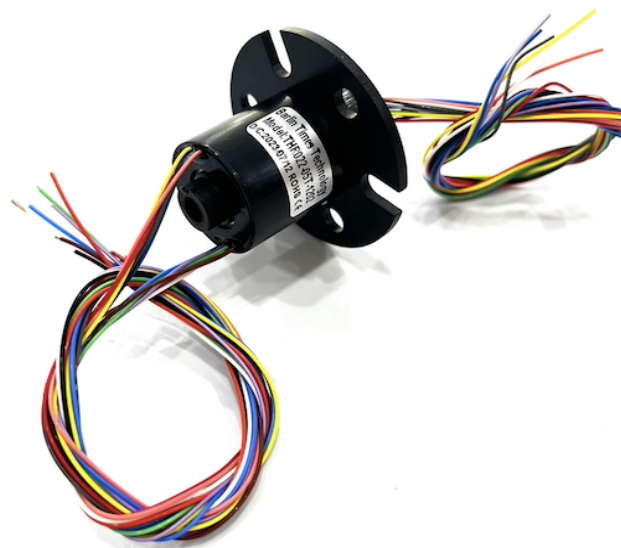
Capsule slip ring with through bore is a new design and type in this compact capsule slip ring series of Barlin Times. Many end users require a through hole but with small size slip ring to pass small current or signal, then through hole capsule type slip rings could exactly meet this special requirement for helping some applications to save a lot of space in their equipment. At present, the standard circuits of Barlin Times capsule slip ring with through hole could be from 1-24 rings with 2A each. Adopt best gold to gold contacting materials and special technology in the inside of slip ring, also engineering plastic and metal housing are optional. The standard through bore size can be divided into 7mm, 10mm, 15mm with different diameter, Barlin Times is still continuing to design and open mould more latest miniature type of through hole capsule slip rings, which to satisfy with the demands of various industry.

Features:

- 1.Through bore size with compact design.
- 2.Low torque, low electrical noise and smooth rotation.
- 3.Circuits could be from 1-24 rings with 2A each.
- 4.Gold to gold contact materials make sure longer life time.
- 5.Continuous transmission of signal and/or data under 360 degree unrestrained rotation.

Option:

- 1.Circuits.
- 2.Current & Voltage.
- 3.Work speed.
- 4.Cable length & Size.
- 5.Housing materials.
- 6.Connector type.
- 7.Sealed degree.
- 8.Combine with various signal and power together.



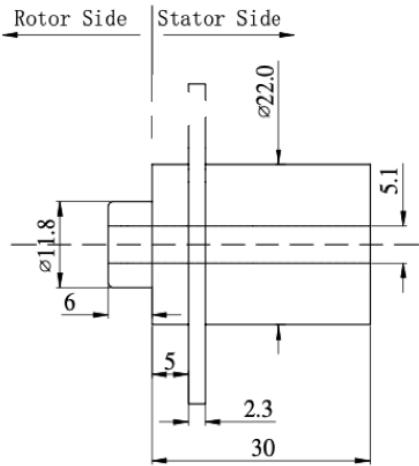
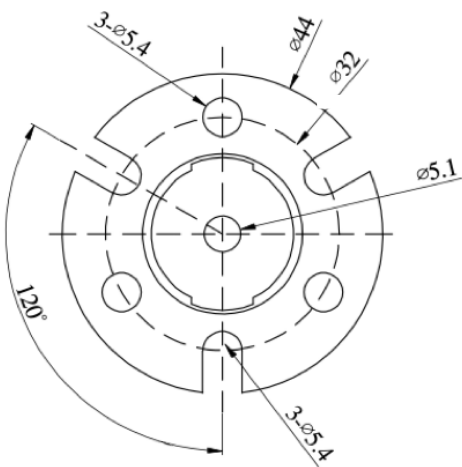
Application:

- 1.CCTV.
- 2.Rotary table, exhibition/display equipment.
- 3.Robotics.
- 4.Medical equipment.
- 5.Testing machine.
- 6.Industry process equipment.

Specification:

Specification	
Circuits	12 circuits
Work Speed	0-300RPM
Work Temperature	-20℃ -+60℃
Work Humidity	60%RH or higher
Voltage Rating	240VAC/DC
Current Rating	2A per circuit
Dielectric Strength	500VAC@50Hz between each circuit
Insulation Resistance	500MΩ@500VDC
Electrical Noise	1mΩ Min
Contact Materials	Gold to gold
Lead Wire Size	AWG30 Teflon® UL
Lead Wire Length	Standard 250mm
Housing Materials	Engineering plastic
Torque	≤0.88 gm (for reference)
Protection	IP51 or higher

Drawing:



Unit:mm

If you have specific customized requirement, please feel free to consult us so that our sales engineer could recommend the most suitable product to you for you reference.