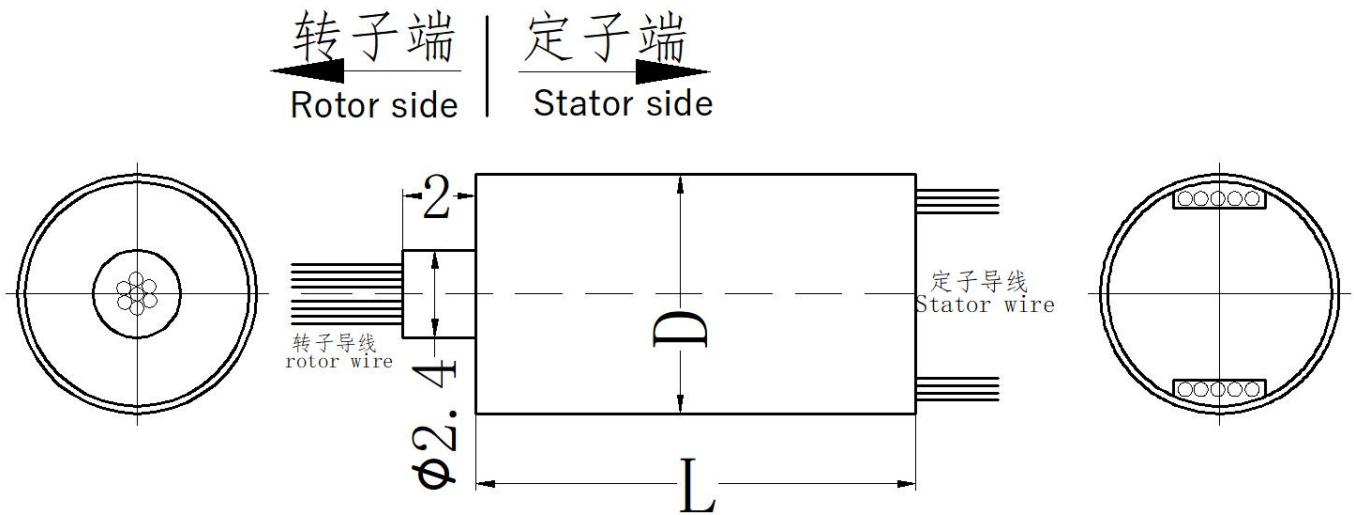


# HM007 Series- OD 6.5mm

HM007 miniature conductive slip ring, no flange mounting, is also called capsule slip ring. The core shaft integral uses die to form to ensure that the stable output of the micro signal and is suitable for civil industry. Features: it is sturdy and wear-resistant, high voltage and high temperature withstanding, operate smoothly when 360° rotating, extremely low resistance fluctuation, long working life, low torque, not easy to heat up.



## 【Drawing】



### Model List

Circuits no.	2 circuits	4 circuits	6 circuits	8 circuits	12 circuits
Outer Diameter (OD) (mm)	6.5	6.5	6.5	6.5	6.5
Length (L) (mm)	8	8	10	11.8	15.6
Model	HM007-02	HM007-04	HM007-06	HM007-08	HM007-12

Note: Circuits can be combined in parallel for bigger current, N circuits of 2A to get N\*2A, such as 2 circuits of 5A in parallel for 10A use. For other models, please contact customer service for special requirements.

**Technical Specification**

IP Grade	IP40	Working Voltage	48V AC/DC	Lead Wire Spec	0.5-AWG30#Teflon
Working Temp.	-20 ~ +70°C	Working Current	1A (2A can be customized)	Insulation Strength	>100VAC@50Hz
Working Humidity	Less than 60%RH	Rotating Speed	0 ~ 100RPM	Insulation Resistance	>100MΩ @500VDC
Housing Material	Housing Material	Contact Material	Gold-gold Contacts Points	Electrical Noise	<15MΩ (50rpm)
Working Life	3 million resolutions per year	Medium Type	Signal or Power	Lead Wire Length	Stator: about 200mm Rotor: about 100mm

**Lead Wires Color Code**

Ring	1	2	3	4	5	6	7	8	9	10	11	12
Color	BLK	RED	YEL	GRN	BLE	WHT	BLK	RED	YEL	GRN	BLE	WHT

Note: Wire color sequence: BLK/RED/YEL/GRN/BLU/WHT, 6 color wires as one group, the next group repeats as sequence, use number tube to tell group 1#, 2#...

**Options for custom slip ring**

Special requirements: 1 piece MOQ, delivery time will need extra 4-15 days, the cost of customization needs to be negotiated. The requirements for customization below can be met:

- ①High temperature can reach up to 500°; ②High voltage can reach up to 110KV;
- ③High speed rotating speed can reach up to 1000RPM; ④Large current can reach up to 5000A;
- ⑤Can combine with rotary joint; ⑥Can combine to transmit with signal; ⑦Can customize as your required size;
- ⑧Aviation plug is optional; ⑨Can combine to transmit in high speed rotating speed; ⑩Underwater waterproofing is optional.