

## HM022-OD22.0mm

Eayonsy®

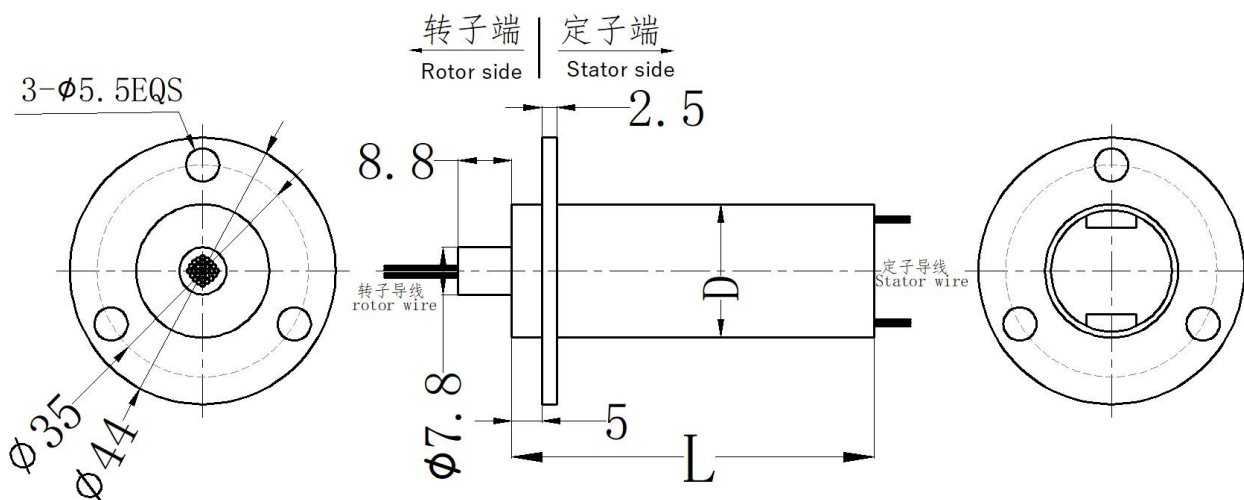
HM022F is a standard capsule slip ring with flange mounted, adopts gold-gold contact points, ensuring good stability and long working life. It is mainly used in civil and commercial fields.

Features: super-thick gold-plated processing, adopts original imported bearing and precious metal alloy metal brush. It's 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.	6 circuits	12 circuits	18 circuits	14 circuits	36 circuits	56 circuits
Outer Diameter (OD) (mm)	22	22	22	22	22	25
Length (L) (mm)	17	24.5	31.9	39.6	54.5	86
Model	HM022-06	HM022-12	HM022-18	HM022-24	HM022-36	HM025-56

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	240V AC/DC	Lead Wire Specification	0.8-AWG26#Telf Ion
Working Temp.	-20 ~ +80°C	Working Current	2A	Insulation Strength	>500VAC@50Hz
Working Humidity	Less than 60%RH	Rotating Speed	0 ~ 300 RPM	Insulation Resistance	>1000MΩ @500VDC
Housing Material	Engineering plastics	Contact Material	Gold-gold Contacts Points	Electrical Noise	<35MΩ (50rpm)
Working Life	3 million resolutions per year	Medium Type	Signal or Power	Lead Wire Length	Stator: about 250mm Rotor: about 250mm

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#...

Lead Wires Color Code												
<b>Ring</b>	1	2	3	4	5	6	7	8	9	10	11	12
<b>Color</b>	BLK	RED	YEL	GRN	BLU	WHT	BLK	RED	YEL	GRN	BLU	WHT

### 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.