

## HM006 Series

HM006 series is a mini capsule slip ring with OD 6.5mm (4~12 rings optional), length 12mm to 17.4mm. Gold to gold contact material ensures low contact resistance, low torque and reliable performance.



## Features

- ◆ Compact design with OD6.5mm, length 12mm to 17.4mm
- ◆ 4~12rings optional
- ◆ Low torque, less than 0.06N.m
- ◆ Operating smoothly and reliability
- ◆ Extremely low electrical noise
- ◆ Convenient to assembly

## Optional

- ◆ Operation speed, current & voltage
- ◆ Connector
- ◆ Type of Flange
- ◆ No. of rings
- ◆ Housing material
- ◆ Position of wire outlet
- ◆ Protection level (dust and water)
- ◆ Compatible with FORJ, RF, digital signal, analog signal, data bus protocols, Ethernet signal and so on.

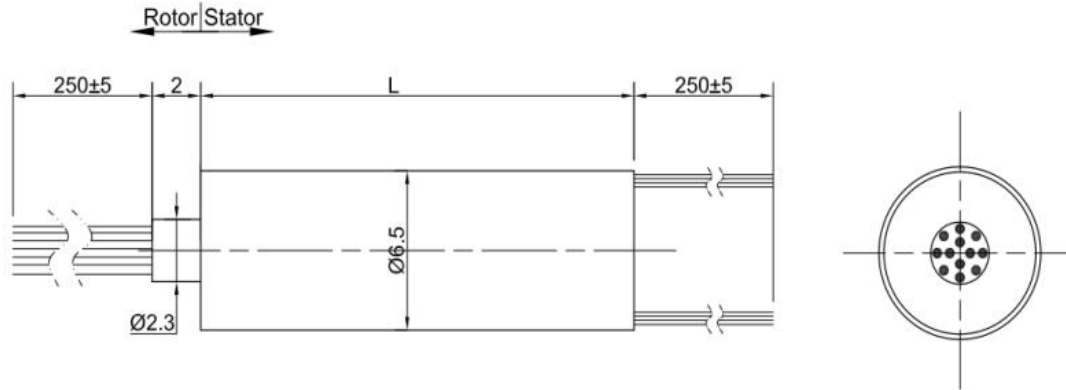
## Specifications

Electrical Data		Mechanical Data	
Rated Voltage	0~240 VAC/VDC	Max. Speed	0-250RPM
Rated Current	0.6A/ring, 1A/ring	Working Temperature	-20°C~+80°C
Lead Size	AWG32/AWG30, Silver plated Teflon colour coded	Working Humidity	60% RH or higher
Lead Length	Standard 250mm (adjustable)	Housing Material	Engineering plastic
Dielectric Strength	500VAC@50HZ,60S	Contact material	Gold to gold
Insulation Resistance	500MΩ/500VDC	IP rating	IP51
Electrical Noise	<0.01Ω		

## Lead Wires Color Code

Ring#	1	2	3	4	5	6	7	8	9	10	11	12
Color	RED	BLK	WHT	YEL	GRN	BLU	PUP	GRY	BRN	ORN	DBLU	KHK

## Drawing for HM006-nQ-SW



## Model List

Model	Number of Rings	Rated Current	Rated Voltage	Length (mm)
HM006-4Q-SW	4	1A	0~240V	12.0
HM006-6Q-SW	6	1A	0~240V	12.0
HM006-8Q-SW	8	1A	0~240V	12.0
HM006-12Q-SW	12	0.6A	0~240V	17.4