# CA025 Slip Rings

## Features

Continuous transmission of signal and/or data under 360° unrestrained rotation； Less noise, long life ； Low torque, smooth rotation ； Electrical Noise<0.01Ω； Small compact construction



CA025 series Slip Rings

## Options(On your request)

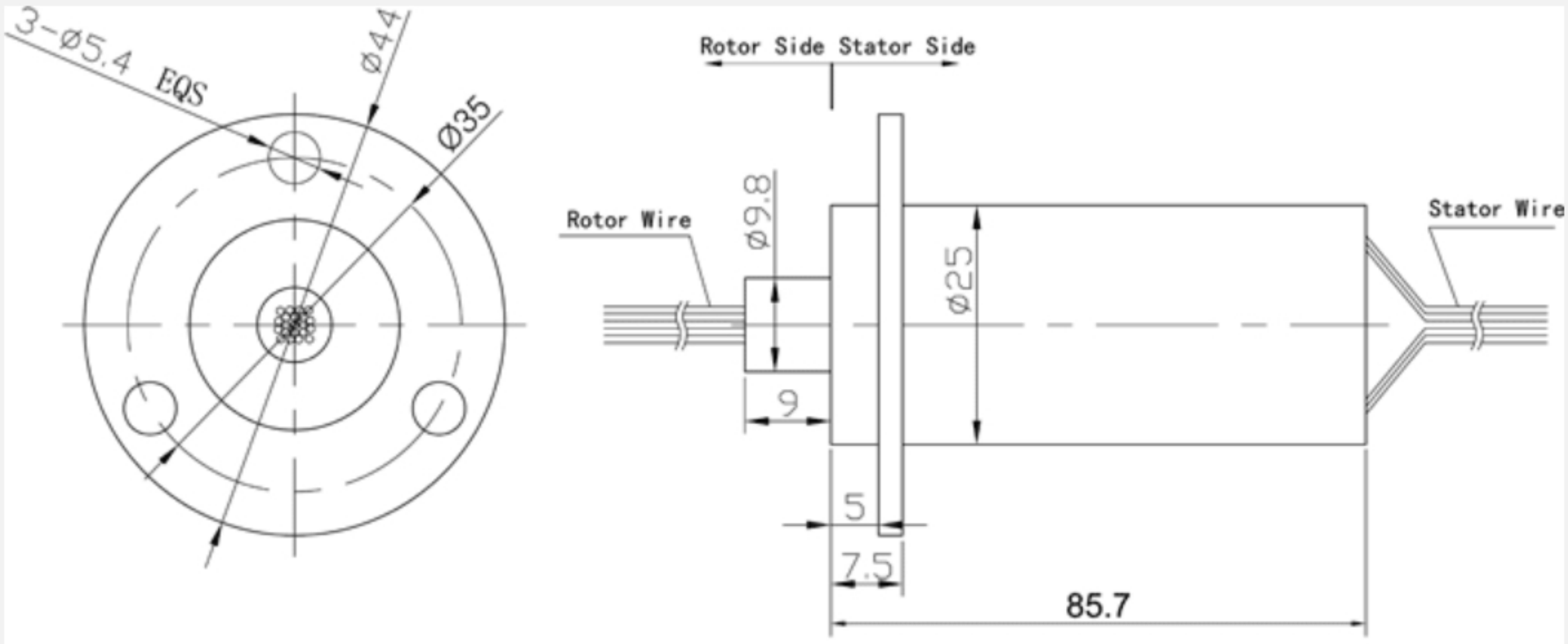
Number of Circuits、 Housing material、 IP class、 Higher operating speed、 Cable length、 Connectors、 Special cables、 Salt mist proof、 Operating temperature、 Housing can be mounted upside down

GET A QUOTE

| Parts# | Circuits(Rings) | Length |
|---|---|---|
| CA025-56 | 56 | 85.7mm |

| Specifications | | | |
|---|---|---|---|
| Working Speed | 0~300RPM | Rings | 2A/ring,250VDC/VAC |
| Housing Material | Plastics | Torque | 0.01N.m; |
| Working life | >4 million revolutions | Contact material | Precious Metal:Gold-Gold |
| Electrical noise | <5mOhn | Contact Resistance | <2mOhm |
| Dielectric strength | 500VDC@50Hz | Lead Wire | UL Teflon® Awg28 |
| Insulation resistance | 1000MΩ@600VDC | Lead Lengths | 250mm(12") |
| Operating Temp. | -40°C to 80°C | Storage Temp. | -55°C to 85°C |
| Bearing | Deep groove ball | Protection | IP51 |

## Drawings




CA025-56

## Color Code Seq

6 colors for one group,indicated with number code pipe.

| Lead wire Color codes | | | | | | |
|---|---|---|---|---|---|---|
| Rings# | 1 | 2 | 3 | 4 | 5 | 6 |
| Color | BLK | RED | YEL | GRN | BLU | WHT |

## Typical applications

CCTV pedestal、 Automatic arm、 Medical equipments、 Rotary index table、 Production line, industry process equipments

## Customized on your request

If you don't see what you want in this website,let us know; we may already have it designed or we will modify a design to meet your requirements. In many cases the specifications in the catalog can be changed to include bore size, circuits number, higher current/voltage,flange, lead wire length,shielding,connectors,higher speed,IP68,military grade,higher temperature, mixed with pneumatic/hydraulic capability. Please ask if you don't see exactly what you need as only a small fraction of our Rion slip rings are included in this catalog!

For a detailed outline drawing/3D modal files of a specific model number, or to request a quotation, please contact your local sales representative or send an email to info@rionsr.com