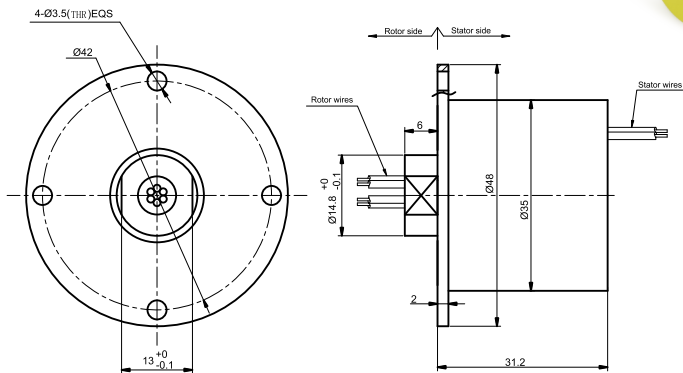


# GG035 Series

The GG035 series high-speed stator flange conductive slip rings refer to a series of slip rings with a stator part and a connecting flange, with an outer diameter of 35MM, suitable for installation on the stator flange end face.



## Part# Explanation

GG 035 - P 0605

GG: High-speed stator  
Code of flange slip ring series  
035: OD 35mm

0605: 6 Rings, range 0~5A/Ring  
P: Power ring

## Part# List

GG035 Series slip ring part# list		
Part#	Signal / 5A	Length (mm)
GG035-P0605	6	31.2
GG035-P1205	12	45
GG035-P1805	18	58.8
GG035-P2405	24	72.6

Note: N 5A current loops connected in parallel can be used as a 1-channel N\*5A current loop; for example, 2 loops of 5A connected in parallel can be used as a 1-channel 10A. If there are special requirements, please contact customer service for quick model selection and customization support.

## Specifications

Mechanical Data		Electrical Data		
Parameter	Value	Parameter	Value	
Working Life	100 Million Revs		Power	Signal
Rotating Speed	1-1800RPM	Rated Voltage	0~380VAC/VDC	0~240VAC/VDC
Working Temperature	-30°C~80°C / -45°C~80°C (Military optional)	Insulation Resistance	≥1000MQ/500VDC	≥1000MQ/500VDC
Operating Humidity	0~85% RH / 0~97% RH (Military optional)	Lead Wire	AWG17#Teflon	AWG22#Teflon
Contact Material	precious metal	Lead Length	standard length300mm (adjustable)	
Housing Material	Aluminum alloy + engineering plastic	Insulating Strength	500VAC@50Hz,60s	
Torque	0.1N.M; +0.03N.M/6 Ring	Electrical Noise	< 0.03Ω	
Protection Grade	IP51			

## Options for custom slip ring

Note: Below special demands can be customized. According, the delivery date will be extended 3 to 15 days; also the cost will be increased 30% to 50%. Most of our basic parts are standard and modular, which can save the cost and lead time.

- ① Cable exit way and cable length can be customized for both rotor and stator.
- ② Because of the structure limitation, length/height/OD can be customized on your request.
- ③ Support current or signal up to 200 rings.
- ④ Aviation plug, terminal and heat-shrink tube are optional.
- ⑤ Hybrid slip ring for Yaskawa/Panasonic/Siemens servo control signal, power line and encoder line.
- ⑥ Support mixed high speed data transmission (including Ethernet, USB, RS232, RS485, Profibus, CanBUS, CANOPEN, DeviceNET, CC-LINK, ProfiNET, EtherCAT, etc.)
- ⑦ Can combine temperature control signal with thermocouple signal.
- ⑧ Special environment can be customized, such as quakeproof, high temperature, etc.
- ⑨ Hybrid Pneumatic/hydraulic and electric slip ring can be mixed.
- ⑩ High temperature can up to 500 degrees.
- ⑪ High pressure can up to 110KV
- ⑫ Rotating speed can up to 10000RPM
- ⑬ Maximum current can up to 5000 amperes.
- ⑭ Military grade
- ⑮ Optional for underwater IP65, IP68.
- ⑯ Optional for stainless steel housing

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