

HG60135 Series

HG60135 series with through hole 60mm, OD 135mm, suitable for rotating application which requires a through hole ≤ 60 mm, Standard model supports 1-96 rings to meet different signal (Analog, RS232/RS485, Inter bus, Device Net, CC-Link, SERCOS interface, Control Net, Field buses, Can open, Profibus, Mod bus, Fipio, USB 2.0 High speed) transmission.

Features

- ◆ Multi-point brush contact material ensure long life
- ◆ Integrated structure design for easy installation
- ◆ Standard model and customization are available
- ◆ IP 51 (IP54-IP68 can be customized)
- ◆ With RJ45 male connectors, RJ45 female optional
- ◆ With advantages of reliable transmitting, no packet loss, no string code, low return loss, low insertion loss, etc.
- ◆ Free maintenance

Typical application

- ◆ Automatic machines
- ◆ Cable reels
- ◆ Robotics, rotary sensors, urgent illumination equipment
- ◆ Exhibit / display equipment
- ◆ Packaging
- ◆ Rotary table
- ◆ Medical, Pharmaceutical equipment
- ◆ Converting machines
- ◆ Capping machines
- ◆ Labeling machines
- ◆ Filling machine
- ◆ Machine tools

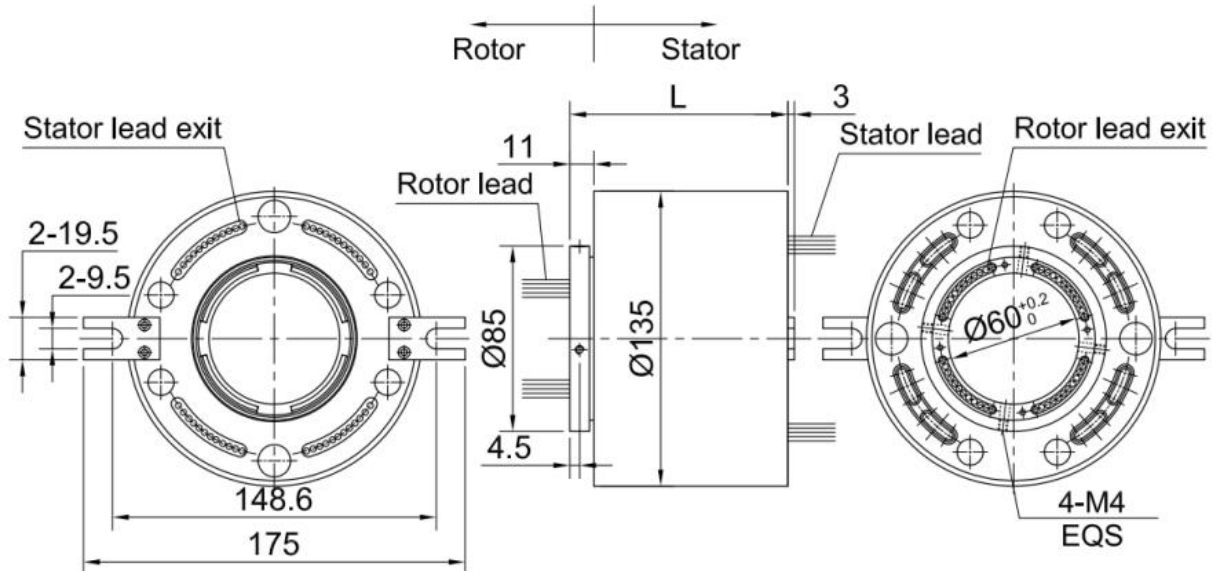
Options

- ◆ Optional for underwater IP65, IP68 Operation speed, current & voltage
- ◆ No. of rings
- ◆ Connector
- ◆ Housing material
- ◆ Position of wire outlet, wire length
- ◆ Protection level (dust and water)
- ◆ Flange mounting is optional
- ◆ Operating temperature
- ◆ Support mixed high speed data transmission(including Ethernet, USB, Profibus, Ethernet, CANOPEN, CANBUS, RS232, RS485, etc.)
- ◆ Fluidic rotary joints, FORJ and electric slip ring can be mixed.

Specifications

Electrical Data		Mechanical Data	
No of rings	1~96rings	Inner Diameter	60mm
Rated Voltage	0~380 VAC/VDC	Outer Diameter	135mm
Rated Current	1A~20A/ring	Working Speed	0-250rpm
Lead Size	Sliver plated Teflon colour coded	Working Temperature	-20°C~+80°C
Lead Length	Standard 500mm (adjustable)	Working Humidity	60% RH or higher
Dielectric Strength	500VAC@50HZ,60S	Housing Material	Engineering plastic
Insulation Resistance	500MΩ/500VDC	Contact material	Precious material
Electrical Noise	<0.01Ω	IP rating	IP51~IP68

Drawing for Outline Dimension



Model List

Model	Power Ring (10A/15A/20A)	Signal Ring(5A)	Length L(mm)
HG60135-6P	6	-	77.5
HG60135-12S	-	12	77.5
HG60135-12P	12	-	107.5
HG60135-6P/12S	6	12	107.5
HG60135-24S	-	24	107.5
HG60135-18P	18	-	137.5
HG60135-12P/12S	12	12	137.5
HG60135-6P/24S	6	24	137.5

HG60135-36S	-	36	137.5
HG60135-24P	24	-	167.5
HG60135-18P/12S	18	12	167.5
HG60135-12P/24S	12	24	167.5
HG60135-6P/36S	6	36	167.5
HG60135-48S	-	48	167.5
HG60135-30P	30	-	197.5
HG60135-24P/12S	24	12	197.5
HG60135-18P/24S	18	24	197.5
HG60135-12P/36S	12	36	197.5
HG60135-6P/48S	6	48	197.5
HG60135-60S	-	60	197.5
HG60135-36P	36	-	227.5
HG60135-30P/12S	30	12	227.5
HG60135-24P/24S	24	24	227.5
HG60135-18P/36S	18	36	227.5
HG60135-12P/48S	12	48	227.5
HG60135-6P/60S	6	60	227.5
HG60135-72S	-	72	227.5
HG60135-42P	42	-	257.5
HG60135-36P/12S	36	12	257.5
HG60135-30P/24S	30	24	257.5
HG60135-24P/36S	24	36	257.5
HG60135-18P/48S	18	48	257.5
HG60135-12P/60S	12	60	257.5
HG60135-6P/72S	6	72	257.5
HG60135-84S	-	84	257.5
HG60135-48P	48	-	287.5
HG60135-42P/12S	42	12	287.5
HG60135-36P/24S	36	24	287.5
HG60135-30P/36S	30	36	287.5
HG60135-24P/48S	24	48	287.5
HG60135-18P/60S	18	60	287.5
HG60135-12P/72S	12	72	287.5
HG60135-6P/84S	6	84	287.5
HG60135-96S	-	96	287.5