HG70155 Series

HG70155 series with through hole 70mm, OD 155mm, suitable for rotating application which requires a through hole ≤70mm, 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

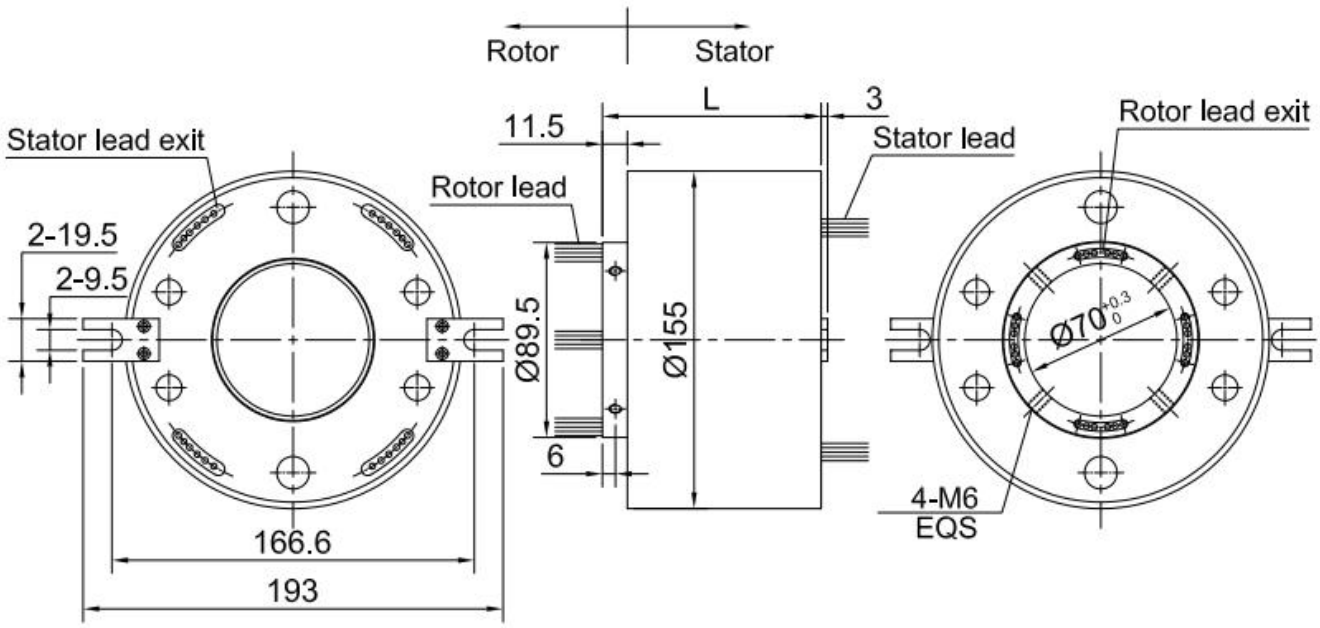
Options

- 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	70mm
Rated Voltage	0~380 VAC/VDC	Outer Diameter	155mm
Rated Current	1A~20A/ring	Working Speed	0-250rpm
Lead Size	Sliver plated Teflon colour coded	Working Temperature	-20℃~+80℃
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)
HG70155-6P	6	-	80.8
HG70155-12S	-	12	80.8
HG70155-12P	12	-	110.8
HG70155-6P/12S	6	12	110.8
HG70155-24S	-	24	110.8
HG70155-18P	18	-	140.8
HG70155-12P/12S	12	12	140.8

HG70155-6P/24S	6	24	140.8
HG70155-36S	-	36	140.8
HG70155-24P	24	-	170.8
HG70155-18P/12S	18	12	170.8
HG70155-12P/24S	12	24	170.8
HG70155-6P/36S	6	36	170.8
HG70155-48S	-	48	170.8
HG70155-30P	30	-	200.8
HG70155-24P/12S	24	12	200.8
HG70155-18P/24S	18	24	200.8
HG70155-12P/36S	12	36	200.8
HG70155-6P/48S	6	48	200.8
HG70155-60S	-	60	200.8
HG70155-36P	36	-	230.8
HG70155-30P/12S	30	12	230.8
HG70155-24P/24S	24	24	230.8
HG70155-18P/36S	18	36	230.8
HG70155-12P/48S	12	48	230.8
HG70155-6P/60S	6	60	230.8
HG70155-72S	-	72	230.8
HG70155-42P	42	-	260.8
HG70155-36P/12S	36	12	260.8
HG70155-30P/24S	30	24	260.8
HG70155-24P/36S	24	36	260.8
HG70155-18P/48S	18	48	260.8
HG70155-12P/60S	12	60	260.8
HG70155-6P/72S	6	72	260.8
HG70155-84S	-	84	260.8
HG70155-48P	48	-	290.8
HG70155-42P/12S	42	12	290.8
HG70155-36P/24S	36	24	290.8
HG70155-30P/36S	30	36	290.8
HG70155-24P/48S	24	48	290.8
HG70155-18P/60S	18	60	290.8
HG70155-12P/72S	12	72	290.8
HG70155-6P/84S	6	84	290.8
HG70155-96S	-	96	290.8