HIGH POWER SLIP RING F 5155

High power transfer for electrification

The Moog high power system is designed for applications requiring a transmission of high voltage and high currents. The SE series achieves safe power transmission using carbon alloy technology, which Moog has utilized and enhanced for over 100 years.

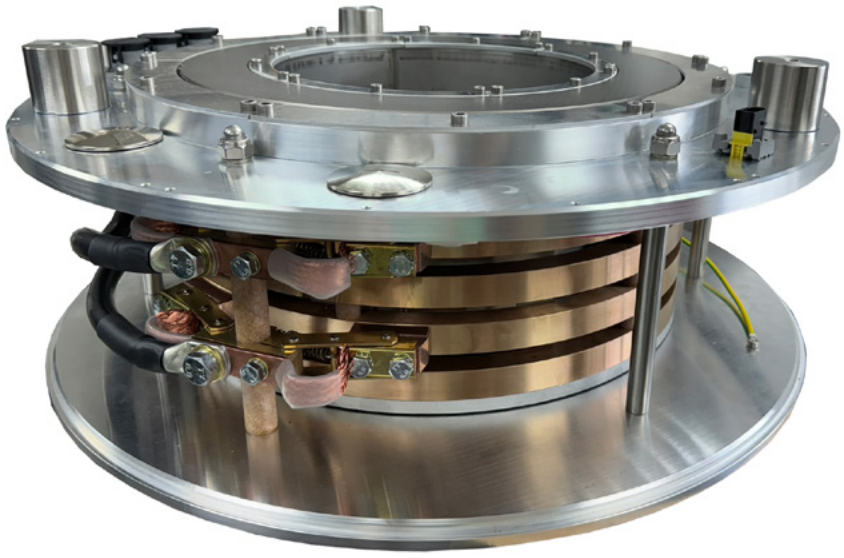
The current collectors are designed for high contact transmissions in slip rings and to withstand tough environmental conditions. The high current density design allows for the transmission of significant amperage in limited installation spaces, which is a typical challenge for electrified mobile machinery. In addition, the slip ring surface can be optimized to meet customer requirements.

FEATURES

- Wide operating temperature range -40° C to 80° C (-40° F to 176° F)
- Current up to 500 amps and 750 VAC/DC
- Through bore from 200 – 500 mm (7.9 - 19.7 in.)
- Protection class up to IP67/69k

ADVANTAGES

- Long life expectancy
- Reliable, low noise during data transmission
- Contacting and non-contacting technologies available
- Maintenance free (minimal maintenance performance for contacting solutions)
- Customizable space saving solutions
- Assembly around the existing Fluid Rotary Union and Signal/ Data Slip Ring
- Rugged housing protects against debris, corrosion, humidity, vibration and harsh environments
- Collaborative, technology neutral approach
- Trusted and proven industry expertise since 1951



MOOG

ELECTRIFICATION, AUTOMATION AND CONNECTIVITY

Electrification, connectivity and automation are critical factors in achieving zero emissions, sustainability and improved accuracy and safety in autonomous driving assistance. Our high performance electrification systems feature robust, long life rotary interface products and technologies designed to maximize uptime, efficiency and output.

Moog's slip ring and rotary solutions deliver high power transfer capabilities in a compact modular solution, expertly tailored to fit the existing structures of battery and cable powered machinery.

In addition, the flexibility of our slip ring and rotary interface products allows them to be combined and customized to deliver integrated high speed data solutions for autonomous vehicle operation and automation.

Our solutions support a wide variety of communication protocols, including Ethernet and CANBUS, and provide reliable transmission of data, even in the most challenging environments.

More information: www.moogconstruction.com

For product information or the office nearest you, contact us online:
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Moog Rekofa_HighPower_F5155-en - Technical Data Sheet
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