

Spring Driven Cable Reel Series F 5947

A long-standing customer's request for a high-quality cable reel with an integrated slip ring prompted Moog to enter the cable reel market. Our team accepted the challenge and developed an innovative and reliable product family which is on top, because off high standardization, very cost effective.

Most notable benefit of Moog's design is the flexibility of the cable reel. Customers can customize to their specific requirements while still maintaining the quality and performance expected, making Moog's product family available for a wide range of customers and applications.

We supply a wide range of standard cable reels with different outer dimensions, cable lengths, cables, connectors or mounting flanges and can customize even more/close to everything.

Applications

- Mobile Cranes
- Loader Cranes
- Harbour Cranes
- Truck Mounted Cranes
- Other Industrial Applications



Features

Maintenance	Maintenance free, for more than 10 million revolutions (100.000 load cycles and more depending on configuration).
Durability	Rugged housing for tough environments. Sea water, UV and oil resistant, salt mist test according to DIN EN 60068-2-52 passed.
Compatibility	Compatible with additional sensors, e.g. angle encoder, resolvers.
Data Transfer	Up to 400 Mbit/sec with contacted slip rings. Up to 2 GBit/sec with contactless slip rings.
Customizable	Customized fixing flanges or torque arms. Reels with customer specified connectors.

Technical Data

Current Rating	Power Circuits: max. 50 Amp. Signals: mA & Data transmission (e.g. Ethernet, Profinet, CAN).
Voltage Rating	Max. 500 V AC / 750 V DC
Temperature Range	-40°C up to 80°C
Contact Material	Coated metal
Protection Class	Slip Ring up to IP67 / IP69K
Compatible	With angle encoder analog, digital CAN Open