

# Spring Driven Cable Reel Series F 5947

Compact cable reel incl. slip ring powered by Moog



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

Most notable benefit of Moog Rekofa'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 Rekofa's product family available for a wide range of customers and applications.

## ADVANTAGES

- Maintenance free, for more than 10 million revolutions (100.000 load cycles and more depending on configuration)
- Housing parts are designed for difficult environmental conditions
- Sea water, UV and oil resistant, salt mist test according to DIN EN 60068-2-52 passed
- 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
- Customized fixing flanges or torque arms
- Reels with customer specified connectors



## APPLICATIONS

- Mobile cranes
- Loader cranes
- Harbour cranes
- Truck mounted cranes
- Other industrial applications

## 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



Moog is able to supply a width product range into the mobile equipment market.

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. Our sales engineers are happy to find the right Moog cable reel for your application, so please do not hesitate to get in contact.

Moog has offices around the world.  
For more information or the office  
nearest to you, contact us online.

Email: [rekofa.info@moog.com](mailto:rekofa.info@moog.com)

[www.moog.com](http://www.moog.com)

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This technical data is based on current available information and is subject to change at any time. Specifications for specific systems or applications may vary.

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