

FLOW PACK SLIP RING F 7370 C

Compact, long life and low emission power transmission for packaging applications



Moog's F 7370 C Flow Pack slip ring was specially developed for sealing films and is specifically designed to meet the requirements of flow pack applications in the food and pharmaceutical industries. It combines the advantages of a durable carbon solution in an extremely compact housing.

To ensure the required heating power in rotating applications, the Moog Flow Pack slip ring offers reliable transmission of power and electrical signals, such as PT100 signals. The innovative design minimizes wear and maximizes service life, resulting in higher machine availability and lower maintenance costs.

In addition to unsurpassed performance and reliability, the Moog Flow Pack slip ring is characterized by removable carbon brushes. These removable carbon brushes can be replaced in minutes, minimizing critical downtime and operating costs and reducing environmental impact through less waste.

Features

- IP65 protection class
- Replaceable carbon brushes
- Operating temperature: -10 to 60°C (14 to 140°F)
- Max. speed: 500 rpm (higher rpm speeds available upon request)
- Air and creepage distances according to UL508 / CNLC22.2 / VDE0110-1
- Integrated options possible on inquiry: encoder; air distributors
- Bore sizes: 25 or 25.4 mm (1 in), reduction sleeves for 24, 22 or 20 mm available
- Maintenance opening for dust removal (after initial 50 m revs and each 100 m revs afterwards)
- Lubrication free
- Transmission channels:
power lines 2x 20 A + PE, 230 V, data lines 2x 2 A, 24 V

ADVANTAGES

- Long lifetime:
> 500 million revolutions
- Easy brush maintenance and replacement for minimal downtime and lifetime cost
- Reliable performance in harsh environments
- Compact, space saving design
- Fast installation – contacting via supplied cable lugs
- Reach and RoHs compliant
- Free of mercury and lead

APPLICATIONS

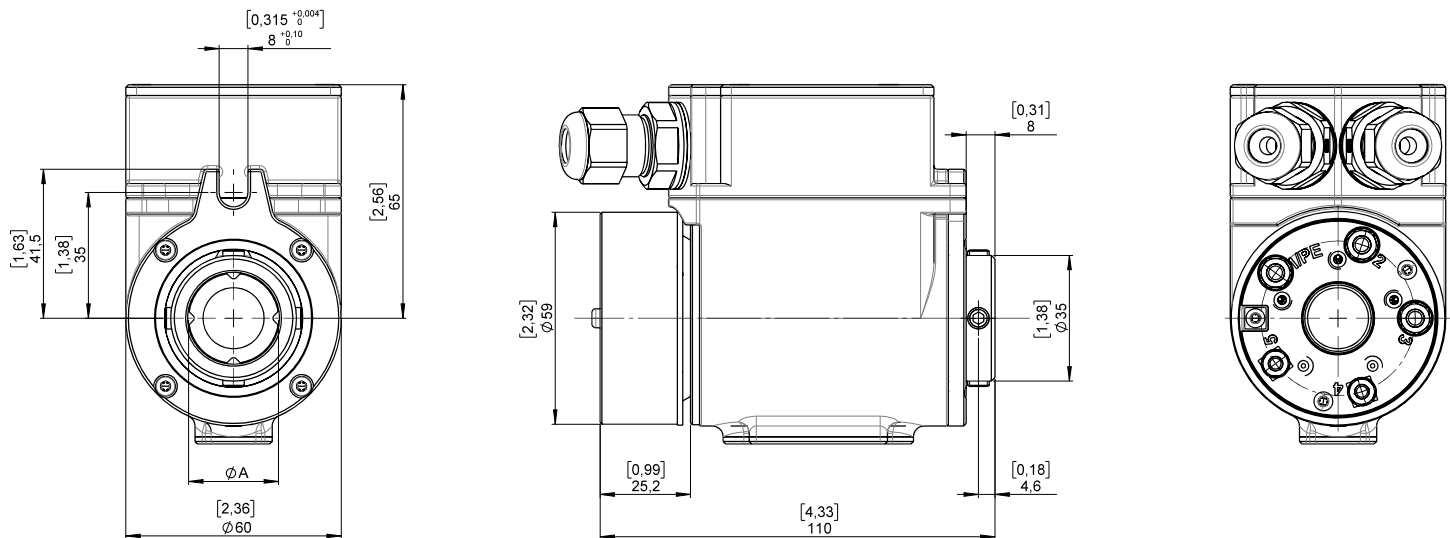
Packaging of food, industrial, pharmaceutical and more



SPECIFICATIONS

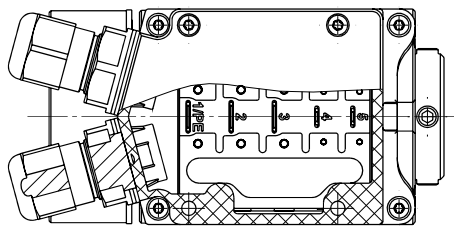
F 7370 C Slip Ring Series

Dimensions in millimeters [inches]



F 7370/10 a

Replaceable brush holder block



Variants

Bore ØA	Type	ID
Ø 25 $+0.104$ $+0.020$ [0.98" $+0.004$ $+0.001$]	PE + 2xP + 2xS - 25	08310858
Ø 25.4 $+0.104$ $+0.020$ [1" $+0.004$ $+0.001$]	PE + 2xP + 2xS - 25.4	08311255
Ø 25 $+0.104$ $+0.020$ [0.98" $+0.004$ $+0.001$]	PE + 2xP + 0xS - 25	08311451
Ø 25.4 $+0.104$ $+0.020$ [1" $+0.004$ $+0.001$]	PE + 2xP + 0xS - 25.4	08311432

Other variants possible on request.

PE = Protective Earth

xP = number of 20A/230V power lines (0 or 2)

xS = number of 2A/24V data lines (0 or 2)

25/25.4 = Ø bore

Reduction sleeves for ID 08311255 and ID 08311432

Type	Bore ØA	ID
25.4/24	Ø 24 $+0.184$ $+0.020$ [0.95" $+0.007$ $+0.001$]	08310991
25.4/22	Ø 22 $+0.184$ $+0.020$ [0.87" $+0.007$ $+0.001$]	08310992
25.4/20	Ø 20 $+0.184$ $+0.020$ [0.79" $+0.007$ $+0.001$]	08310993

Brush holder block	ID
F 7370/10 a	08310871/1

For product information contact us online: rotarysolutions@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.

Moog Flow Pack Slip Ring F 7370 C Datasheet
MCM/Rev. F, June 2026, Id. CDL67025-en

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