

Protect against Environmental Contamination:
the new Spring-loaded Flap Lid for Quarter-turns



01 Requirements

Quarter-turns can be utilized in various application areas. Many of these applications are located in areas with high levels of debris and dirt which exposes the quarter-turn to environmental contamination.

Therefore, we have developed a spring-loaded flap lid, manufactured in polyamide to prevent damage to the quarter-turn from dirt and particle build-up, ensuring smooth operation.

Georg Hübner, Senior Product Trainer



02 Product Benefits

Secure. Protection against particle build-up

- Enclosing flap provides protection against soiling
- The spring-loaded, enclosing flap falls back into the closed position at any time after operation and thus reliably protects against dust and water
- Integrated stop protects the quarter-turn surface from damages

Weather-resistant. For long-term use

- When using the spring-loaded flap lid, the flat external seal can be omitted (flap lid has sealing lips)
- Durable and corrosion-resistant

Easily adapted. Designed for harsh environmental conditions

- Head diameter max. 32 mm
- Head height 6 mm
- 180° opening angle
- Retrofittable for quarter-turns with insert and cylinder quarter-turns

Remark

Complete tightness of the quarter-turn is **not achieved** with the spring-loaded flap lid alone. When using the spring loaded flap lid the H-dimension changes by 2 mm. Integrated finger pull allows easy handling also with work- or safety gloves.

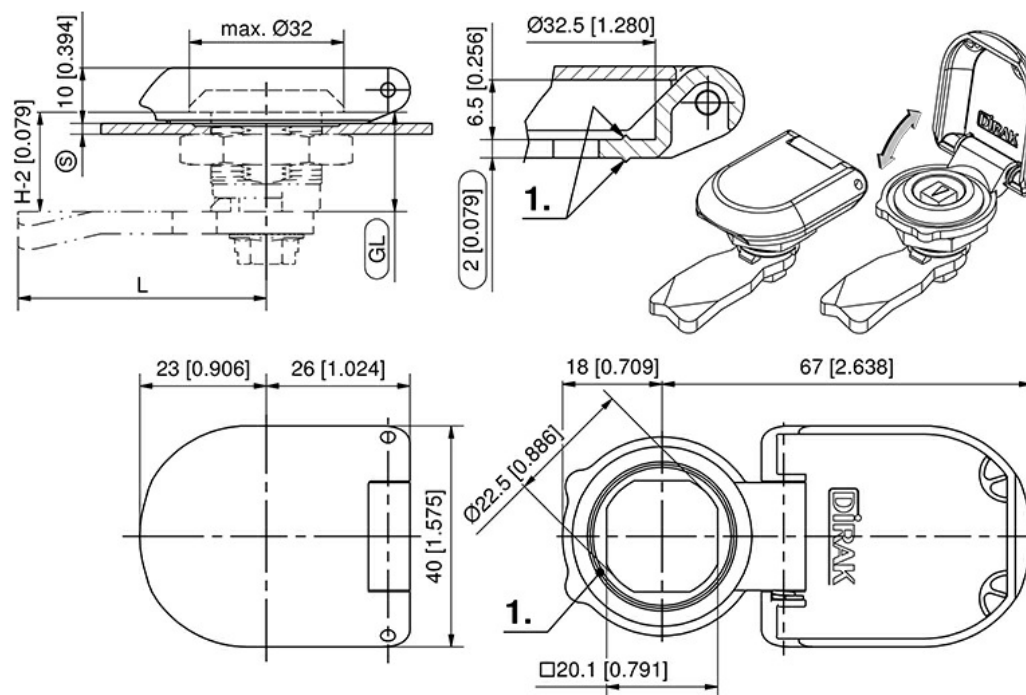
03 Dimensions / Order options




Material

Lid and bottom: PA, black

Knurled and leg spring: stainless steel



Product System	Description	Material	Surface	Part Number	Link
1-270.02	Spring-loaded Flap Lid Pr20.1	PA	black	237-9307.00-00000	

Contact



DIRAK GmbH –
A Member of DIRAK Group

DIRAK Dieter Ramsauer
Konstruktionselemente GmbH
Königsfelder Straße 1
58256 Ennepetal
Germany

Phone: +49 (0) 2333 / 837-0

Fax: +49 (0) 2333 / 837-103

Email: info@dirak.de

Imprint

DIRAK Dieter Ramsauer
Konstruktionselemente GmbH
Königsfelder Straße 1
58256 Ennepetal
Germany

Phone: +49 (0) 2333 / 837-0
Fax: +49 (0) 2333 / 837-103
Email: info@dirak.de

Represented by:
Jens Boche

Entered in the trade register
Commercial Register AG Hagen,
HRB 7977
Sales Tax ID Number (VAT No.)
DE 261 585 314
Last update: June 2023