

Manhole cover SD3-RC3, attack-proof / security tested, weather-proof, rectangular type



The figure shown here may contain special accessories.

Manhole cover, secure to prevent forced access, weatherproof, rectangular in shape, made of 1.4307 (AISI 304 L) stainless steel.

Based on DIN 1239:2018-4, security tested to resistance class RC3 (DIN EN 1627). According to requirements of DVGW W 1050 - Object protection for water supply structures. Suitable for use in Ex zone 1.

The cover consisting of a 4 mm thick stainless steel plate with a centrally raised profile, with stable concealed hinges, stainless steel gas assisted spring dampers, integrated arrestor which can only be undone by hand, with handle, with a replaceable circumferential, insect-proof and totally weather-proof rubber seal (frost-proof and weather-resistant) attached to the underside of the cover for low wear, including lock system with anti-drilling protection, as standard with hardened safety lock as recommended by criminal investigation departments and in accordance with the normative standards; the profile cylinder in accordance with DIN 18252 to be provided by the customer.

A connection for potential equalisation is provided.

The frame is made of bent stainless steel profile, designed for bolted fixing with clips inside the manhole as lift locks.

Manhole cover and frame shielded arc-welded, acid-treated in a pickling bath and passivated.

Operating key included.

Options:

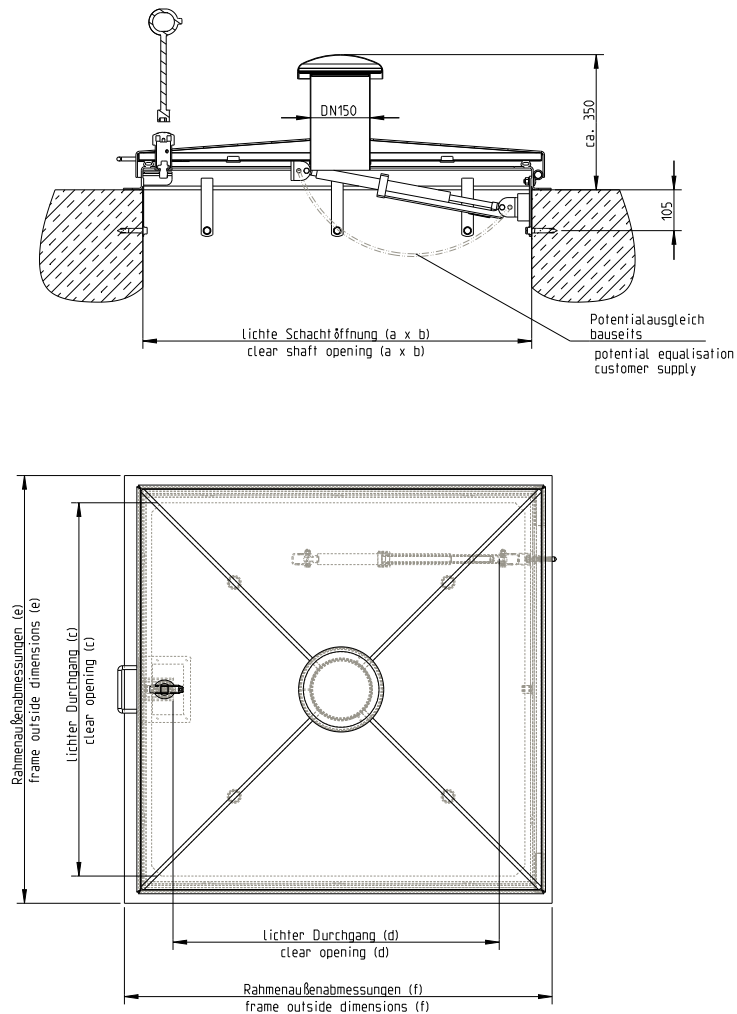
- ▶ 1.4404 (AISI 316 L) stainless steel
- ▶ Air vent DN 150, centrally welded
- ▶ Insulation of the cover, without FCKW
- ▶ Fixing material and foam rubber gasket
- ▶ Non-standard sizes
- ▶ Magnetic contact (cover open/shut indicator)
- ▶ Lacquer according to RAL colour chart
- ▶ Pollen filter or biofilter (for odour elimination) within the air vent
- ▶ Safety guard / barrier
- ▶ Safety guard / antifall guard



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Subject to technical modification | Drawing no. 52234475, 11.2024

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Model	Size a x b	Order no.	Inside pass c x d	Frame outside dimensions e x f
Standard model	600 x 600 (1)	166/GS-RC3	540 x 440	700 x 700
Standard model	800 x 800	188/GS-RC3	740 x 600	900 x 900
Standard model	1000 x 1000	111/GS-RC3	940 x 800	1100 x 1100
With air vent DN 150	600 x 600 (1)	166/GDS-RC3	540 x 440	700 x 700
With air vent DN 150	800 x 800	188/GDS-RC3	740 x 600	900 x 900
With air vent DN 150	1000 x 1000	111/GDS-RC3	940 x 800	1100 x 1100
With insulation of cover, without FCKW	600 x 600 (1)	166/IS-RC3	540 x 440	700 x 700
With insulation of cover, without FCKW	800 x 800	188/IS-RC3	740 x 600	900 x 900
With insulation of cover, without FCKW	1000 x 1000	111/IS-RC3	940 x 800	1100 x 1100
With air vent DN 150 and insulation of cover, without FCKW	600 x 600 (1)	166/IDS-RC3	540 x 440	700 x 700
With air vent DN 150 and insulation of cover, without FCKW	800 x 800	188/IDS-RC3	740 x 600	900 x 900
With air vent DN 150 and insulation of cover, without FCKW	1000 x 1000	111/IDS-RC3	940 x 800	1100 x 1100

Ask for further dimensions. All measurements in mm.

(1) Note: According to German standards GUV-V C5 „Abwassertechnische Anlagen“ and DVGW Arbeitsblatt W122 „Abschlußbauwerke für Brunnen der Wassergewinnung“, the minimum clear width of entrance openings must be 0.8 m.



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