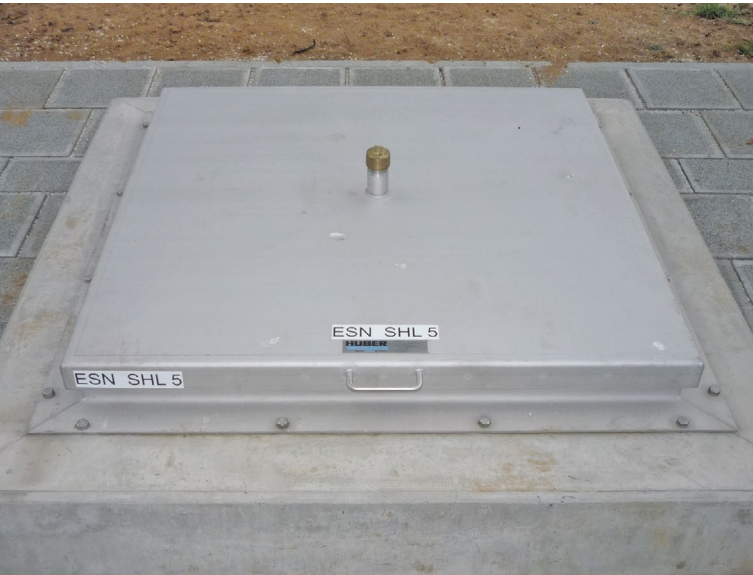


## Watertight manhole cover SD5, rectangular type



*The figure shown here may contain special accessories.*

**Manhole cover**, watertight up to 1 m head of water, rectangular in shape, completely made of 1.4307 (AISI 304 L) stainless steel.

Based on DIN 1239:2018-4, suitable for use in Ex zone 1.

**The cover** is made of stainless steel plate, with a centrally raised profile, robust external hinges, stainless steel gas assisted spring damper, integrated arrestor which can only be undone by hand, handle, circumferential rubber seal (frost-proof and weather resistant) fixed in a slot, central lock and protective hood of brass, which can only be opened with a special key.

A connection for potential equalisation is provided.

**The frame** consists of an angle section for bolted fixing, with two internal lift locks.

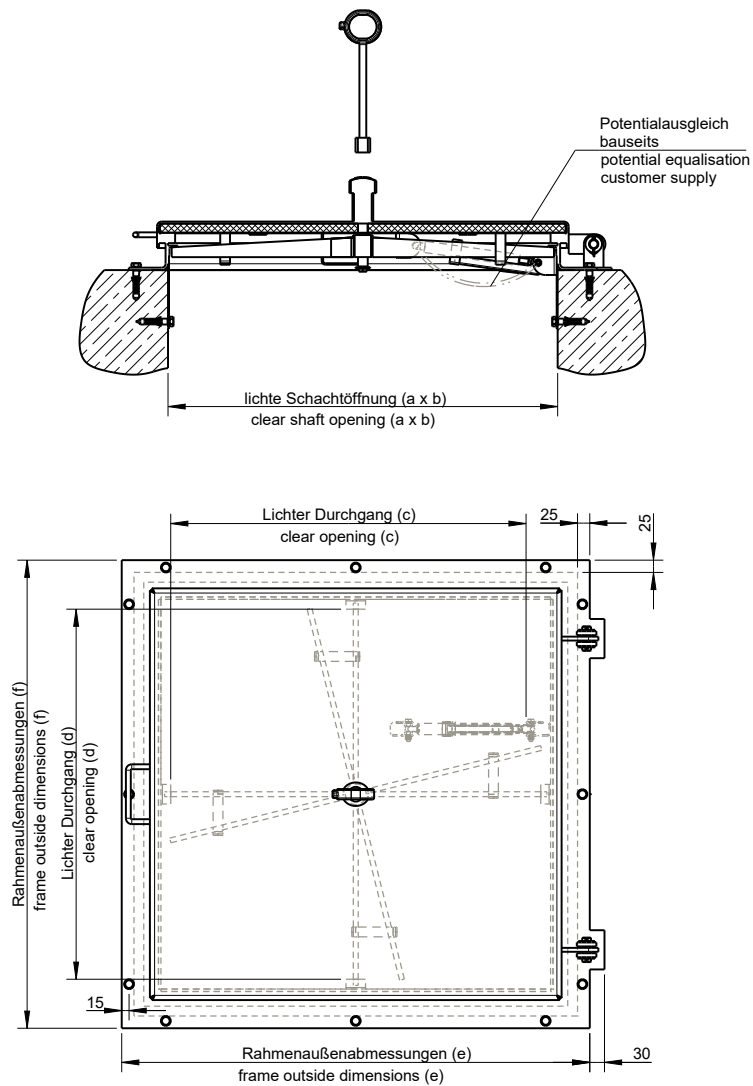
Manhole cover and frame shielded arc-welded, acid-treated in a pickling bath and passivated.

Fixing material, gasket strip and operating key included.

### Options:

- ▶ 1.4404 (AISI 316 L) stainless steel
- ▶ Insulation of the cover, without FCKW
- ▶ Safety lock for increased security, with or without profile cylinder
- ▶ Non-standard sizes
- ▶ Magnetic contact
- ▶ Flood-proof up to 5 m head of water, with multiple screw connection (clear opening dimensions to be taken into account)
- ▶ Application in plants in contact with ozone, 1.4404 stainless steel, without gas pressure spring, up to 1 m head of water
- ▶ Back-up proof up to 0.5 bar, with multiple screw connection (clear opening dimensions to be taken into account)
- ▶ Unscrewable air vent with X-piece to seal the vapour hood opening in case of danger of flood water
- ▶ Safety guard / barrier
- ▶ Safety guard / antifall guard





Model	Size a x b	Order no.	Inside pass c x d	Frame outside dimensions e x f
Standard model, square	600 x 600	166/Ü (1)	525 x 555	785 x 755
Standard model, square	800 x 800	188/Ü	725 x 755	985 x 955
Standard model, square	1000 x 1000	111/Ü	925 x 955	1185 x 1155
Standard model, square with insulation (2)	600 x 600	166/IÜ (1)	525 x 555	785 x 755
Standard model, square with insulation (2)	800 x 800	188/IÜ	725 x 755	985 x 955
Standard model, square with insulation (2)	1000 x 1000	111/IÜ	925 x 955	1185 x 1155

**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.

(2) with additional insulation of Polyurethan hard foam without FCKW, protected with stainless steel plate on the bottom side.



**Watertight manhole cover SD5, rectangular type**

Subject to technical modification | Drawing no. 50740237, 12.2023