

## ➤➤ Weatherproof manhole cover SD7, load bearing up to 15 / 125 / 400 kN

**Rectangular, secure to prevent forced access, certified by the university of Karlsruhe to security class 3, load tested in accordance with DIN 1229, completely made of stainless steel, size 800/800 mm and 1000/100 mm, available from stock.**

**Manhole cover,** weatherproof, load bearing, load tested in accordance with DIN 1229 / EN 124, 15 / 125 / 400 kN, completely made from 1.4301/1.4307 (AISI 304 L) stainless steel, for flush fitting, not suitable for big volume traffic.

**The cover** consists of a stainless steel tear pattern plate, with additional bracing on the bottom, according to the weight, slip resistance R11 in compliance with DIN 51130, with a rubber seal on the cover bottom side, with screw lock, with safety lock, can only be undone with special keys, inner hinges, additional help for opening in the form of stainless steel gas assisted spring dampers, with integrated arrestor which can only be undone by hand and allows easy opening of the cover by one person.

**Bottom covering angle frame** with external wall clamps provided for embedding in concrete (concrete up to upper frame edge).

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

Operating key included.

### **Note:**

Refer to our installation instructions.

To ensure the cover remains stormwater-tight, the sealing surface has to be cleaned with a cloth prior to closing the cover to remove sand, dust, stones and similar material.

### **Options:**

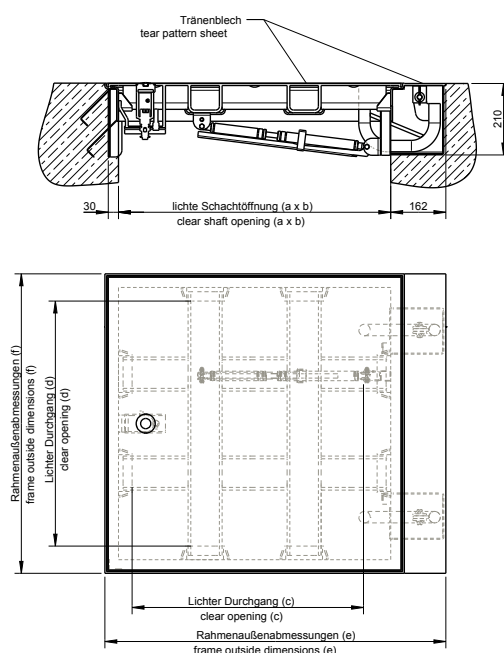
- Easy-to-install encasing frame for a thickness of \_\_\_\_\_ mm
- Multiple screw connection, suitable for big-volume traffic (no emergency exit possible)
- Prepared for installation into paving or tar, class A and B (according to customer's specification), class D not possible.
- Magnetic contact
- Cover insulation
- Safety guard / antifaall guard
- Designed as emergency exit (manually opening), the traffic situation to be taken into account with class D.
- Attack-proof (safety class 4)
- 1.4571/1.4404 (AISI 316 L) stainless steel

### **Special version:**

Multi-part manhole cover

- with removable cross bar
- with retractable cross bar
- with static cross bar





Model	Size a x b	Order no.	Inside pass c x d	Frame outside dimensions e x f	Weight approx. kg
Type A: 15 kN equal 1,5 t (2)	600 x 600	ED 266/15-G (1)	500 x 600	802 x 680	47
Type A: 15 kN equal 1,5 t (2)	800 x 800	ED 288/15-G	700 x 800	1002 x 880	64
Type A: 15 kN equal 1,5 t (2)	1000 x 1000	ED 211/15-G	900 x 1000	1202 x 1080	87
Type B: 125 kN equal 12,5 t (3)	600 x 600	ED 266/125-G (1)	480 x 520	802 x 680	62
Type B: 125 kN equal 12,5 t (3)	800 x 800	ED 288/125-G	680 x 720	1002 x 880	92
Type B: 125 kN equal 12,5 t (3)	1000 x 1000	ED 211/125-G	880 x 920	1202 x 1080	128
Type D: 400 kN equal 40 t (4)	600 x 600	ED 266/400-G (1)	480 x 520	802 x 680	71
Type D: 400 kN equal 40 t (4)	800 x 800	ED 288/400-G	680 x 720	1002 x 880	110
Type D: 400 kN equal 40 t (4)	1000 x 1000	ED 211/400-G	880 x 920	1202 x 1080	168
Type D: 400 kN equal 40 t (4)	800 x 800	"ReMiCo 800"	680 x 720	1002 x 880	120
Type D: 400 kN equal 40 t (4)	800 x 1200	"ReMiCo 1200"	680 x 1120	1002 x 1280	165

Ask for further dimensions. All measurements in mm. Special size > 1000 x 1000 mm, classified according to DIN 1229/EN 124, dimensioned to DIN EN 1991-1-1, Teil 1-1 + national Annex, DIN EN 1991-2, Teil 2 + national Annex, DIN EN 1993.

(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) for green space and spaces which are not for traffic, but which are used sometimes.

(3) for sidewalks/pavements and similar areas for multi-storey car-parks..

(4) for streets and parking spaces, not suitable for big-volume traffic.

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