# Watertight manhole cover SD6, round type

**Manhole cover,** watertight up to 1 m head of water, round 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 weatherresistant) 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 50/50 mm for bolted fixing, with two internal lift locks.

Manhole cover and frame shielded arc-welded, acidtreated 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 / antifall guard