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

**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