When you need a High Quality Opening
Alfa Laval Access Tank Cover - Circular Cover Type LKDC

Application
The circular LKDC stainless steel manhole cover is used on top of tanks or containers, especially in the dairy industry, where a hygienic closeable means of access to the interior of the tank is required.

Working principle
The LKDC cover is supplied with a unique replaceable, self-sealing double lip seal (see fig. 2.) to prevent fluids from spraying out, e.g., during CIP cleaning and similar processes or during travel on mobile tanks or road tankers. The seals are produced in compliance with 3A recommendations.

Fig. 2. Double lip seal

TECHNICAL DATA
Working pressure: . . . . . . . . . . . No pressure

Certificates
3-1 certificate

PHYSICAL DATA
Materials
Lid and frame: . . . . . 1.4301 (304) or 1.4404 (316L)
Plastic parts: . . . . . . Nylon
Seals: . . . . . . EPDM or NBR or FPM or Q (silicone)

Surface finish:
Acid Pickled
Product wetted surfaces: . . . . . . Ra 32 µm
Other surfaces: . . . . . . Ra 120 µm
3A surface finish:
Electro polished
Product wetted surfaces: . . . . . . Ra 16 µm
Other surfaces: . . . . . . Ra 120 µm

Temperature
Min. temperature: . . . . . . . . . . . . . . -4°F
Max. temperature: . . . . . . . . . . . . . . +194°F (NBR)
(0) . . . . . . . . . . . . . . . . . . . . . . +290°F
(EPDM, not for oil and tal) . . . . . . . . 284°F
(FPM fluorinated rubber) . . . . . . . . 284°F
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