When you need a High Quality Opening

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 mean 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 A3 recommendations.

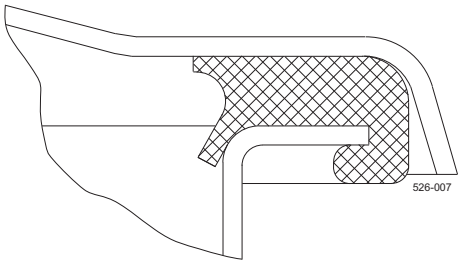


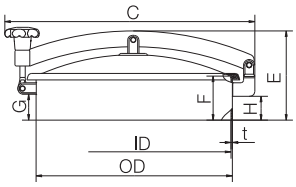
Fig. 2. Double lip seal

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 0.8
Other surfaces: Ra 3.0
3A surface finish: . . . . . Electro polished
Product wetted surfaces: Ra 0.4
Other surfaces: Ra 3.0

Temperature

Min. temperature: - 20°C

Authorized to carry the 3A symbol

CE

Max. temperature:	+ 90°C (NBR) + 100°C (Q) gasket + 140°C (EPDM, not for oil and fat) + 140°C (FPM flourinated rubber)

Dimensions (mm)

Size/OD	202	306	404	454	454	516	516	620	620
ID	198	302	400	448	448	510	510	614	614
F	85	100	100	100	200	100	200	100	200
t	2	2	2	3	3	3	3	3	3
C	354	457	555	609	609	675	675	778	778
G	48	64	64	60	160	55	155	64	164
H	43	64	59	60	160	56	156	59	159
E	156	146	178	201	301	197	297	203	303
Cover thickness	1.5	1.5	2	2	2	3	3	3	3
Weight (kg)	3.4	6.3	8.3	12.2	15.8	14.4	17.7	18.8	24.3

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