



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 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 3A recommendations.

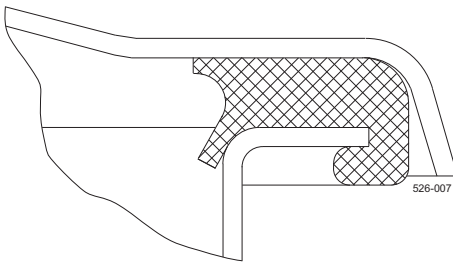


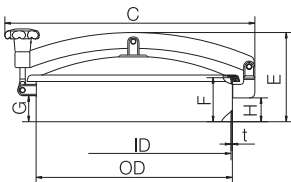
Fig. 2. Double lip seal

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 32µin

Other surfaces: Ra 120µin

3A surface finish: Electro polished

Product wetted surfaces: Ra 16µin

Other surfaces: Ra 120µin

Temperature

Min. temperature: - 4°F

Max. temperature: + 194°F(NBR)


(Q) +212°F

(EPDM, not for oil and fat) + 284°F

(FPM flourinated rubber) + 284°F

Dimensions (inch)

Size/OD	202	306	404	454	454	516	516	620	620
ID	7.80	11.89	15.75	17.64	17.64	20.08	20.08	24.17	24.17
F	3.35	3.94	3.94	3.94	7.87	3.94	7.87	3.94	7.87
t	0.08	0.08	0.08	0.12	0.12	0.12	0.12	0.12	0.12
C	13.94	17.99	21.85	23.98	23.98	26.57	26.57	30.63	30.63
G	1.89	2.52	2.52	2.36	6.30	2.17	6.10	2.52	6.46
H	1.69	2.52	2.32	2.36	6.30	2.20	6.14	2.32	6.26
E	6.14	5.75	7.01	7.91	11.85	7.76	10.12	7.99	11.93
Cover thickness	0.06	0.06	0.08	0.08	0.08	0.12	0.12	0.12	0.12
Weight (lbs)	7.5	13.9	18.3	26.9	34.8	31.7	39.0	41.4	53.6

 Authorized to carry
the 3A symbol



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