

Alfa Laval Access Tank Cover – Oval Cover Type LKD 532 x 432

Tank Covers

Introduction

The Alfa Laval Access Tank Cover - Oval Cover Type LKD 532 x 432 is a stainless steel tank cover that provides a secure fit for openings of tanks or containers as well as quick, easy and convenient entry and egress to tank interiors.

Engineered for use on side of tanks or vessels in hygienic applications, the tank cover can be installed with an optional hinge that enables either right- or left-hand opening.

Application

The Access Tank Cover - Oval Cover Type LKD 532 x 432 is designed for use in hygienic applications across the dairy, food, and beverage industries. It is especially suitable for use on tanks or containers used for the production of dairy products.

Benefits

- Hygienic design
- Available as a 3-A approved version
- Can withstand static pressure up to 2.5 bar

Standard design

The construction of Access Tank Cover - Oval Cover Type LKD 532 x 432 varies, depending on the model. To enable visual inspection and/or physical entry into and egress out of the tank, the tank cover swings inwards and outwards. The tank cover can be positioned above or below the liquid level to meet different application requirements.

Working principle

Open the cover by loosening the handle. For inspection purposes, the cover can then be turned into the tank. If physical entry into the tank is required, the cover can either be removed at the double hinge or swung out of the tank, depending on the model. Hygienically positioned, the seal is not affected by positive or negative pressure in the tank.

Certificates



Authorized to carry
the 3A symbol



TECHNICAL DATA

Pressure

Max. static pressure:	2.5 bar (250 kPa)
Max. positive working pressure:	0 bar (0 kPa)
Max. negative working pressure:	0 bar (0 kPa)
Test pressure:	3.75 bar (375 kPa)

PHYSICAL DATA

Materials

Steel parts:	1.4301 (304) or 1.4404 (316L)
Plastic parts:	Nylon
Seals (FDA):	EPDM, NBR, FPM or Q (silicone)

Standard lid surface finish

Product wetted surfaces:	Acid Pickled
Other frame and lid spindle surfaces:	Ra 0.8 µm
External support and spindle surfaces:	Ra 3.0 µm

3A surfaces finish

Product wetted surfaces:	Electro polished
Other frame and lid spindle surfaces:	Ra 0.8 µm (0.4 µm lid wetted surface)
External support and spindle surfaces:	Ra 3.0 µm

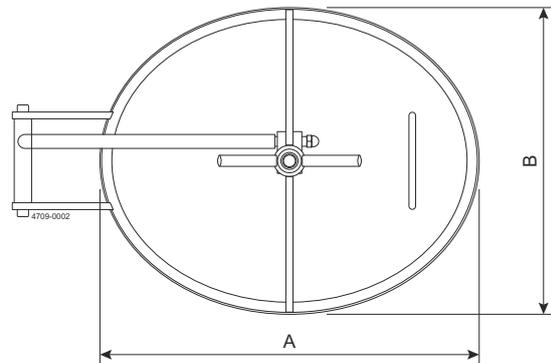
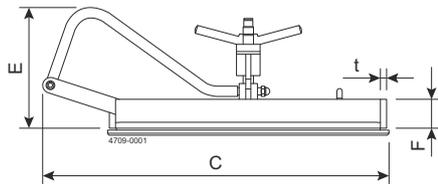
Temperature

Temperature range:	-30 °C / 110 °C (NBR)
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Temperature

EPDM:	-15 °C / 90 °C
NBR:	-30 °C / 110 °C
SILICONE (Q):	-50 °C / 200 °C
FPM:	-10 °C / 250 °C

Dimensions (mm)



Type	LKD 532 x 432
A	532
B	432
C	663
E	265
F	(100) (60)
t	12
Cover thickness	3

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