When you need a High Quality Opening

Access Tank Cover - Oval Cover Type LKD 535 x 435

Application

The Alfa Laval oval manhole cover LKD 535 X 435 is especially used on tanks or containers in the dairy industry. The main features are:

- Option for right or left hinged installation

Working principle

Open the cover by loosening the handle. For inspection purposes the cover can then be turned into the tank. If it is necessary to physically enter the tank, the cover can be removed at the double hinge or swung out of the tank, depending on the model. The seal is hygienically positioned and is not affected by positive or negative pressure in the tank.



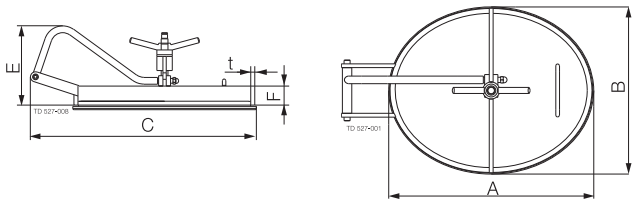
TECHNICAL DATA

Pressure

Max. static pressure . . . . . 2.5 bar (250 kPa)
Max. positive working pressure . . . . . 0 bar (0 kPa)
Max. negative working pressure . . . . 0.5 bar (50 kPa)
Test pressure . . . . . 3.75 bar (375 kPa)

Dimensions (mm)

Type	LKD 535 x 435
A	535
B	435
C	663
D	
E	257
F	(100) (60)
t	12
Cover thickness	3



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 . . . . Acid Pickled
Product wetted surfaces: Ra 0.8µm
Other surfaces: Ra 3.0µm
3A surface finish . . . . . Electro polished
Product wetted surfaces: Ra 0.8µm
Other surfaces: Ra 3.0µm

Temperature

Temperature range . . . . . -20°C to +90°C (NBR)

Weight . . . . . 22.5 kg

Certificates

- 3.1 (cover and frame are supplied with material certificate 3.1 according to EN10204)

Authorized to carry the 3A symbol

Alfa Laval reserves the right to change specifications without prior notification. ALFA LAVAL is a trademark registered and owned by Alfa Laval Corporate AB.

ESE02097EN 1201

© Alfa Laval

How to contact Alfa Laval
Contact details for all countries
are continually updated on our website.
Please visit www.alfalaval.com to
access the information direct.