



# 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.



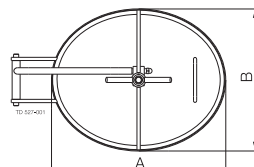
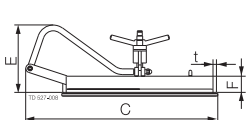
### TECHNICAL DATA

#### 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
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)

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**How to contact Alfa Laval**

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