



## When you need a High Quality Opening

### Alfa Laval Access Tank Cover - Oval Cover Type LKD 440 x 320

#### Application

The Alfa Laval oval manhole cover LKD 440 x 320 is especially used on tanks or containers in the wine and juice industry. The main features are:

- Offered with or without hinge

#### Working principle

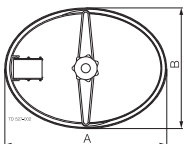
Open the cover by loosening the handle. For inspection purposes the cover can then be turned into the tank. If it is necessary to physically enter the tank, the cover can be removed at the double hinge or swung out of the tank, depending on the model. The seal is hygienically positioned and is not affected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



#### TECHNICAL DATA

##### Pressure

Max. static pressure: . . . . . 1.5 bar (150 kPa)  
 Max. positive working pressure: . . . . . 0 bar (0 kPa)  
 Max. negative working pressure: . . . . . 0.5 bar (50 kPa)  
 Test pressure: . . . . . 2.25 bar (225 kPa)



#### Dimensions (mm)

Type	LKD 440 x 320
A	440
B	320
E	160
F	60
t	8
Cover thickness	2

#### 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: . . . . . Electropolished

Product wetted surfaces: . . . . . Ra 0.8µm  
 Other surfaces: . . . . . Ra 3.0µm

##### Temperature

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

Weight: . . . . . 7.5 kg

##### Certificates

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



Authorized to carry  
the 3A symbol

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**How to contact Alfa Laval**

Contact details for all countries are continually updated on our website. Please visit [www.alfalaval.com](http://www.alfalaval.com) to access the information direct.