



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

When you need a High Quality Opening

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

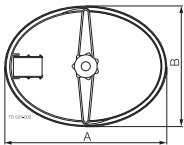
Open the cover by loosening the handle. For inspection purposes the cover can then be turned into the tank. If it is necessary to physically enter the tank, the cover can be removed at the double hinge or swung out of the tank, depending on the model. The seal is hygienically positioned and is not affected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

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

3A surface finish:

. Electropolished
 Product wetted surfaces: Ra 0.8µm
 Other lid and frame surfaces: Ra 0.8µm
 External support and spindle: 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)

Alfa Laval reserves the right to change specifications without prior notification.

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.