

When you need a High Quality Opening

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

5.8

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

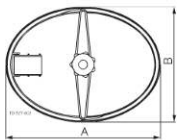
Open the cover by loosening the handle. For inspection purposes the cover can then be turned into the tank. If it is necessary to physically enter the tank, the cover can be removed at the double hinge or swung out of the tank, depending on the model. The seal is hygienically positioned and is not affected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

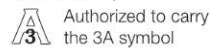
Temperature

- 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)



When you need a High Quality Opening

Alfa Laval 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.

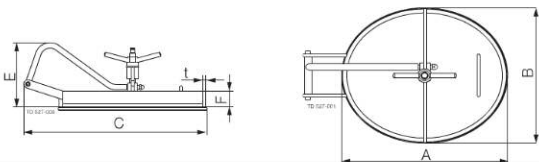


TECHNICAL DATA

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

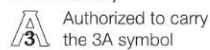
Temperature

- 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)



When you need a High Quality Opening

Alfa Laval Access Tank Cover - Oval Cover Type LKD 546 x 447

5.8

Application

The Alfa Laval oval manhole cover LKD 546 X 447 is used on tanks or containers where a closeable means of access to the interior of the vessel is required. The main features are:

- Angled shaped frame ensuring a shadowless installation optimal for CIP application.

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.

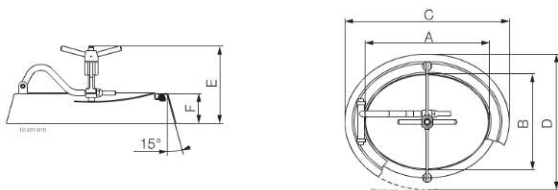


TECHNICAL DATA

Pressure

- Max. static pressure: 2 bar (200 kPa)
- Max. positive working pressure: 0 bar (0 kPa)
- Max. negative working pressure: 0.5 bar (50 kPa)
- Test pressure: 3 bar (300 kPa)

Dimensions (mm)



Type	LKD 546 x 447
A	461
B	362
C	546
D	447
E	196
F	76
t	4
Cover thickness	3

PHYSICAL DATA

Materials

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

- Standard lid surface finish: . . . Acid Pickled
- Product wetted surfaces: Ra 0.8µm
- Other surfaces: Ra 3.0µm

Temperature

- Temperature range: -20°C to +100°C

- Weight: 12 kg

Certificates

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

