



When you need a High Quality Opening

Alfa Laval Access Tank Cover - Oval Cover Type LKD 542 x 446

Application

The Alfa Laval oval manhole cover LKD 542 X 446 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.

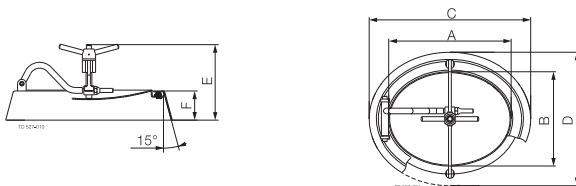


TECHNICAL DATA

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 542 x 446
A	461
B	362
C	542
D	446
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)

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

ESE02098EN 1606

© 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.