When you need a High Quality Opening

Access Tank Cover - Oval Cover Type LKD 546 x 447

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

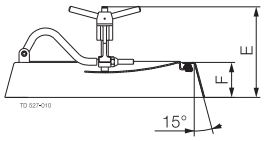
Open the cover by loosening the handle. For inspection purposes the cover can then be turned into the tank. If it is necessary to physically enter the tank, the cover can be removed at the double hinge or swung out of the tank, depending on the model. The seal is hygienically positioned and is not affected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

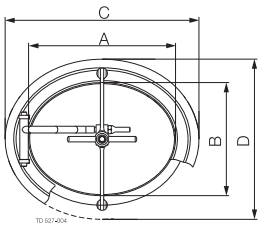


TECHNICAL DATA

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

Certificates

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

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

Temperature

Temperature range . . . . . .-20°C to +100°C

Weight . . . . . .12 kg

CE

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ESE02098EN 1201

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