



Alfa Laval Access Tank Cover - Circular Cover Type LKDS

Tank covers

Introduction

The Alfa Laval Access Tank Cover - Circular Cover Type LKDS is a stainless steel manway cover that when the openings on top of tanks or containers. It offers a quick, easy and convenient means of entry and egress to tank interiors. It provides a cover, situated above the liquid level, but no closable means of access to the interior of the vessel.

Application

The Access Tank Cover - Circular Cover Type LKDS is designed for use in hygienic applications across the dairy, food and beverage industries. It is especially suitable for dairy balance tanks and Cleaning-in-Place (CIP) holding tanks.

Benefits

- High-quality tank cover
- Hygienic design

Standard design

The Alfa Laval Access Tank Cover - Circular Cover Type LKDS consists of a stainless steel lid and frame, and a splash guard to prevent liquid from spraying out during a cleaning process because the cover is not designed to fit watertight. Onsite assembly is required.

Acid pickled surface finishes ($< Ra\ 0.8\ \mu m$) meet hygienic process quality requirements. 3.1 Material Certification in accordance with EN 10204 is supplied.

Working principle

The LKDS cover is not designed to fit watertight to the tank and therefore it is supplied with a splash guard to prevent liquid spraying out during a cleaning process.

Certificates

3.1 certificate



TECHNICAL DATA

Pressure	
Working pressure:	No pressure

PHYSICAL DATA

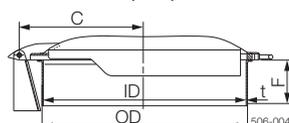
Materials	
Lid and frame:	1.4301 (304) or 1.4404 (316L)

Surface finish:	
Product wetted surfaces:	Acid Pickled
Other frame and lid surfaces:	Ra 0.8µm (excluding welding zone)
Other support and spindle surfaces:	Ra 3.0µm (excluding welding zone)

Temperature	
Min. temperature:	- 20°C
Max. temperature:	+ 90°C

Weight:	5 / 6 kg
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Dimensions (mm)



Please note that the LKDS covers are not assembled at delivery

Size/OD	454	454
ID	448	448
F	24	100
t	3	3
C	272	272
Cover thickness	2	2

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.