# Alfa Laval Tank Covers

**Selection Guide**

Alfa Laval tank covers are high-quality openings that provide quick, easy and convenient entry and egress to tank interiors in the dairy, food, beverage, and biopharm industries. We offer more than 50 different types of oval, circular and rectangular covers, providing a quick, easy and convenient entry and access to tank interiors.

### Tank cover type LKDC, LKDC-LP, LKDS
(circular shape)

LKDC

LKDC-LP

LKDS

### Tank cover type LKD
(oval shape)

LKD 440x320

LKD 532x432

LKD 542x446

### Tank cover type HLSD-2

HLSD-2 TÜV approved pressure cover

### Tank cover type C, O and R
(circular, oval and rectangular shape)

C-404ASB

O-544x440IO

CG

R-432x555

R-235x185

| Access cover type | Placement: Above liquid level - on top of the tank | Placement: Below liquid level - on side of the tank | Placement: Below liquid level - on bottom of the tank | Pressure: None | Pressure: Static | Pressure: Over | Pressure range: Minimum pressure in bar (psi) | Pressure range: Maximum pressure in bar (psi) | Steel material: 1.4301 (304) |
|---|---|---|---|---|---|---|---|---|---|
| **Circular covers** | | | | | | | | | |
| LKDC-202 | • | | | | • | | 0 | 0,4 (5,8) | • |
| LKDC-202 3A | • | | | | • | | 0 | 0,4 (5,8) | • |
| LKDC-306,-404,-454, -518, -620 | • | | | • | | | 0 | 0 | • |
| LKDC-306,-404,-454 3A | • | | | • | | | 0 | 0 | • |
| LKDC-518, -620 3A | • | | | • | | | 0 | 0 | • |
| LKDC LP-300, -400, -450, -500, -600 | • | | | | | • | -1 (-14,5) | 1 (14,5) | • |
| LKDS-454 | • | | | • | | | 0 | 0 | • |
| C-202 | • | | | | • | | 0 | 1 (14,5) | • |
| C-202A | • | | | | • | | 0 | 0,4 (5,8) | • |
| C-202B | • | | | | • | | 0 | 0,4 (5,8) | • |
| C-306, C-404, C-404SB | • | | | • | | | 0 | 0 | • |
| C-404AH4 | • | | | | • | | 0 | 0,2 (2,9) | • |
| C-404ASB, C-404BSB | • | | | • | | | 0 | 0 | • |
| C-404CC | • | | | | • | | 0 | 1 (14,5) | • |
| C-404H6 | • | | | | • | | 0 | 1,2 (17,4) | • |
| C-418 | | • | | | • | | 0 | 0,6 (8,7) | • |
| C-454 | • | | | • | | | 0 | 0 | • |
| C-454SB | • | | | • | | | 0 | 0 | • |
| C-454A, C-518A, C-620A | • | | | • | | | 0 | 0 | • |
| C-518SB | • | | | • | | | 0 | 0 | • |
| C-518MH | • | | | • | | | 0 | 0 | • |
| C-518 | • | | | • | | | 0 | 0 | • |
| C-620SB | • | | | • | | | 0 | 0 | • |
| CG-404, -454, -518 | • | | | • | | | 0 | 0 | • |
| **Circular pressure covers** | | | | | | | | | |
| HLSD-2 | • | • | | | | • | -1 (-14,5) | 10 (145) | |
| **Oval covers** | | | | | | | | | |
| LKD 440x320 | | • | | | • | | 0 | 1,3 (18,9) | • |
| LKD 532x432 | | • | | | • | | 0 | 4,8 (70) | • |
| LKD 532x432 Flat lid | | • | • | | • | | 0 | 2,3 (33,4) | • |
| LKD 542x446 | | • | | | • | | 0 | 2,8 (40,6) | • |
| O-320 x 440IO | | • | | | • | | 0 | 1,3 (18,9) | • |
| O-440 x 320IO | | • | | | • | | 0 | 1,3 (18,9) | • |
| O-440 x 540IO | | • | | | • | | 0 | 2,8 (40,6) | • |
| O-490 x 395 | | • | | | • | | 0 | 2,7 (39,2) | • |
| O-510 x 370IO | | • | | | • | | 0 | 3,2 (46,4) | • |
| O-542 x 446 | | • | | | • | | 0 | 2,8 (40,6) | • |
| O-544 x 440IO | | • | | | • | | 0 | 2,8 (40,6) | • |
| O-658 x 532IO | | • | | | • | | 0 | 4,0 (58) | • |
| **Rectangular covers** | | | | | | | | | |
| R-235 x 185 | | • | | | • | | 0 | 0,5 (7,2) | • |
| R-332 x 440 | | • | | | • | | 0 | 0,5 (7,2) | • |
| R-440 x 332 | | • | | | • | | 0 | 0,5 (7,2) | • |
| R-432 x 555 | | • | | | • | | 0 | 0,8 (11,6) | • |
| R-555 x 432 | | • | | | • | | 0 | 1 (14,5) | • |

| | Steel material | | Seal material* | | | | | Seal | | Lid material | | Handle material | | Temperature | | | | | | | | Available Certificates/ declarations | | | | | Product wetted surface finish | | | | | External frame and lid surface finish | | | | | Options | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1.4301 (304) | 1.4404 (316L) | EPDM, NBR, FPM, Silicone | FEP covered viton | PFA covered silicone | FEP covered silicone | | Seal fixed on the lid | Seal fixed on the frame | Stainless steel | Glass | Plastic | Stainless steel | -30° / +110°C \| -22° / +230°F (NBR) | -15° / +90°C \| +5° / +194°F (EPDM) | -50° / +150°C \| -58° / +302°F (EPDM) | -50° / +200°C \| -58° / +392°F (Silicone) | -10° / +250°C \| +14° / +482°F (FPM) | -20° / +200°C \| -4° / +392°F (FPM) | -60° / +200°C \| -76° / +392°F (FEP covered Silicone) | -20° / +200°C \| -4° / +392°F (FEP covered Viton / FPM) | -60° / +230°C \| -76° / +446°F (PFA covered Silicone) | 3.1 | FDA conformity declaration | 3A | ASME BPE | PED 97/23/EC | Ra > 3 (118 µin) | Ra < 1,2 (47 µin) | Ra < 0,8 (31 µin) | Ra < 0,6 (23 µin) | Ra < 0,4 (16 µin) | Ra > 3 (118 µin) | Ra < 1,6 (63 µin) | Ra < 1,2 (47 µin) | Ra < 0,8 (31 µin) | Ra < 0,6 (23 µin) | Ra < 0,4 (16 µin) | Safety grid | Safety pin | Spring assist | Bracket for indication unit | Sight glass | Relief valve | Stainless steel handle |
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* Please also see technical information on rubber materials in the Alfa Laval product catalogue (Close-at-Hand)

1) excluding welding zone

**This is Alfa Laval**
Alfa Laval is active in the areas of Energy, Marine, and Food & Water, offering its expertise, products, and service to a wide range of industries in some 100 countries. The company is committed to optimizing processes, creating responsible growth, and driving progress – always going the extra mile to support customers in achieving their business goals and sustainability targets.

Alfa Laval's innovative technologies are dedicated to purifying, refining, and reusing materials, promoting more responsible use of natural resources. They contribute to improved energy efficiency and heat recovery, better water treatment, and reduced emissions. Thereby, Alfa Laval is not only accelerating success for its customers, but also for people and the planet. Making the world better, every day. It's all about *Advancing better*™.

**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.

100002738-1-EN 2008