



# Alfa Laval Tank Covers

## Selection Guide

### 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](http://www.alfalaval.com) to access the information.

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)



#### Tank cover type LKD (oval shape)



#### Tank cover type HLSD-2



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



#### Access cover type

##### Circular covers

	Above liquid level - on top of the tank	Below liquid level - on side of the tank	Placement	Pressure	Pressure range	Minimum pressure in bar (psi)	Maximum pressure in bar (psi)	Steel material	Seal material*	Lid material	Handle material	Available Certificates/ declarations
LKDC-202	•			None		0	0,4 (5,8)	• • •	1.4301 (304) 1.4404 (316L)	Stainless steel	Stainless steel	
LKDC-202 3A	•			Static		0	0,4 (5,8)	• • •	EPDM, NBR, FPM, Silicone		-30° / +110°C   -22° / +230°F (NBR)	
LKDC-306,-404,-454, -518, -620	•	•		Over		0	0	• • •	FEP covered viton		-15° / +90°C   +5° / +194°F (EPDM)	
LKDC-306,-404,-454 3A	•	•				0	0	• • •	PFA covered silicone		-50° / +150°C   -58° / +302°F (FPM)	
LKDC-518,-620 3A	•	•				0	0	• • •	FEP covered silicone		-50° / +200°C   -58° / +392°F (Silicone)	
LKDC LP-300, -400, -450, -500, -600	•		•	-1 (-14,5)	1 (14,5)	1 (14,5)	• • •	• • •	Seal fixed on the lid	Seal	-10° / +250°C   +14° / +482°F (FPM)	
LKDS-454	•	•				0	0	• • •	Seal fixed on the frame	Seal	-20° / +200°C   -4° / +392°F (FPM)	
C-202	•		•			0	1 (14,5)	• • •	Stainless steel	Glass	-60° / +200°C   -76° / +392°F (FEP covered Silicone)	
C-202A	•		•			0	0,4 (5,8)	• • •			-20° / +200°C   -4° / +392°F (FEP covered Viton / FPM)	
C-202B	•		•			0	0,4 (5,8)	• • •			-60° / +200°C   -4° / +392°F (FEP covered PFA)	
C-306, C-404, C-404SB	•	•	•			0	0	• • •			-60° / +200°C   -76° / +392°F (FEP covered Viton / FPM)	
C-404AH4	•		•			0	0,2 (2,9)	• • •			-60° / +200°C   -4° / +392°F (FPA covered Silicone)	
C-404ASB, C-404BSB	•	•	•			0	0	• • •			-60° / +200°C   -76° / +392°F (FPA covered Viton / FPM)	
C-404CC	•		•			0	1 (14,5)	• • •			-60° / +200°C   -76° / +392°F (FPA covered PFA)	
C-404H6	•		•			0	1,2 (17,4)	• • •			-60° / +200°C   -76° / +392°F (PFA covered Silicone)	
C-418	•	•	•			0	0,6 (8,7)	• • •			-60° / +200°C   -76° / +392°F (PFA covered Viton / FPM)	
C-454	•	•	•			0	0	• • •			-60° / +200°C   -76° / +392°F (PFA covered PFA)	
C-454SB	•	•	•			0	0	• • •			-60° / +200°C   -76° / +392°F (PFA covered Viton / FPM)	
C-454A, C-518A, C-620A	•	•	•			0	0	• • •			-60° / +200°C   -76° / +392°F (PFA covered PFA)	
C-518SB	•	•	•			0	0	• • •			-60° / +200°C   -76° / +392°F (PFA covered Viton / FPM)	
C-518MH	•	•	•			0	0	• • •			-60° / +200°C   -76° / +392°F (PFA covered PFA)	
C-518	•	•	•			0	0	• • •			-60° / +200°C   -76° / +392°F (PFA covered Viton / FPM)	
C-620SB	•	•	•			0	0	• • •			-60° / +200°C   -76° / +392°F (PFA covered PFA)	
CG-404, -454, -518	•	•	•			0	0	• • •			-60° / +200°C   -76° / +392°F (PFA covered Viton / FPM)	

##### Circular pressure covers

HLSD-2	• •	•	-1 (-14,5)	10 (145)	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •
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##### 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)	• • •	• • •	• • •	• • •	• • •	• • •	• • •	•
CG	•	•	0	4,0 (58)	• • •	• • •	• • •	• • •	• • •	• • •	• • •	•

Rectangular covers	•	•	0	0,5 (7,2)	• • •	• • •	• • •	• • •	• • •	• • •	• • •	•
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)	• • •	• • •	• • •	• • •	• • •	• • •	• • •	•

\* Please also see technical information on rubber materials in the Alfa Laval product catalogue (Close-at-Hand)

<sup>1)</sup> excluding welding zone