

# Alfa Laval Access Tank Cover - Circular Cover Type C, CG and CG-LP

## Tank Covers

### Introduction

The Alfa Laval Access Tank Cover - Circular Covers Type C, CG, CG-LP are a range of stainless steel manway cover that provides a secure fit for openings of tanks or containers. It offers a quick, easy and convenient means of entry and egress to tank interiors. It also provides a closeable means of access to the interior of the vessel, situated above or below the liquid level for tank top installation.

### Application

The Access Tank Cover - Circular Cover Type C is designed for use on static tanks, process tanks, palletized road tankers and standard road tankers in a wide range of applications across the dairy, food, beverage and many other industries.

The type CG and CG-LP are designed for use on tanks, where a glass lid is used to visual inspection of the tank interior.

### Benefits

- Versatility to cover all tank needs
- Swing flexibility due to optional hinge, for opening inwards, outwards or sideways
- Glass lid for non- or low-pressure (1 bar) applications

### Standard design

The construction of Alfa Laval Access Tank Cover - Circular Cover Type consists of an AISI 304 or 316L stainless steel frame and cover, plastic or stainless steel handle and seal (EPDM, NBR, FPM, Silicone).

To enable visual inspection and/or physical entry into the tank for stainless steel covers, the tank cover swings inwards, outwards or sideways, depending upon the model. Tank covers can be positioned above and below liquid level to meet different application requirements. The CG type glass lid cover functions as an inspection or access port to the tank through a glass lid. It makes it possible to inspect the interior of the tank or the product without opening the tank, suitable for non-pressure tanks.

The CG-LP type glass lid cover is designed for up to 1 bar pressure and full-vacuum.

Electro-polished and acid pickled surface finishes (<math><Ra 0.8 \mu m</math>) on the wetted part meet hygienic process quality



requirements. 3.1 Material Certification in accordance with EN 10204 is supplied.

Optional stainless steel handle and relief valve are available for certain models.

### Working principle

Open the cover by loosening the handle. This range includes covers with various openings.

### Certificates

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

## TECHNICAL DATA

### Options:

SS handle on request  
Relief valve

## PHYSICAL DATA

### Materials

Steel parts:	1.4301 (304) or 1.4404 (316L)
Plastic parts:	Nylon
Seal:	EPDM
Glass part:	Sodalime tempered glass (max. temperature 120 °C)

### Cover finish

#### Electro polished

Internal: Ra 0.8 µm

### Frame

#### Acid Pickled

Internal: Ra 0.8 µm - 3 µm

### Temperature

EPDM:	-15 °C / 90 °C
NBR:	-30 °C / 110 °C
SILICONE (Q):	-50 °C / 200 °C
FPM:	-10 °C / 250 °C

Cover shape	Type	Function	Pressure Range <sup>1</sup> (bar)	Relief Valve (option)
Circular	C-202	Static tank	0.4	x
Circular	C-202A	Static tank	0.4	
Circular	C-202B	Static tank	0.4	
Circular	C-306	Static tank	0.1	x
Circular	C-404	Static tank	0	x
Circular	C-404SB	Static tank	0	x
Circular	C-404ASB	Static tank	0	x
Circular	C-404BSB	Static tank	0	x
Circular	C-404CC	Palletized road tanker	1.0	
Circular	C-404H6	Static tank	1.2	
Circular	C-404AH4	Static tank	0.2	x
Circular	C-418	Static tank	0.6	
Circular	C-454	Static tank and road tanker	0	x
Circular	C-454A	Road tanker	0.1	x
Circular	C-454SB	Static tank	0	x
Circular	C-518MH	Road tanker	0	x
Circular	C-518SBAR	Static tank	0.1	x
Circular	C-518 / C-518SB	Static tank	0	x
Circular	C-518A	Road tanker	0.1	x
Circular	C-620A / C-620SB	Static tank	0	x
Circular	CG-404	Static tank with glass opening	0	
Circular	CG-454	Static tank with glass opening	0	
Circular	CG-518	Static tank with glass opening	0	
Circular	CG-LP-300	Static tank with glass opening	1	
Circular	CG-LP-404	Static tank with glass opening	1	
Circular	CG-LP-518	Static tank with glass opening	1	

<sup>1</sup> Calculated max. pressure (bar).

This document and its contents are subject to copyrights and other intellectual property rights owned by Alfa Laval Corporate AB. No part of this document may be copied, re-produced or transmitted in any form or by any means, or for any purpose, without Alfa Laval Corporate AB's prior express written permission. Information and services provided in this document are made as a benefit and service to the user, and no representations or warranties are made about the accuracy or suitability of this information and these services for any purpose. All rights are reserved.

200006873-1-EN-GB

© Alfa Laval Corporate AB

---

**How to contact Alfa Laval**

Up-to-date Alfa Laval contact details for all countries are always available on our website at [www.alfalaval.com](http://www.alfalaval.com)