



Alfa Laval Access Tank Cover - Circular Cover Type C

Quality tank cover for various applications

Introduction

The Alfa Laval Access Tank Cover - Circular Covers Type C 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.

Benefits

- Versatility to cover all tank needs
- Swing flexibility due to optional hinge, for opening inwards, outwards or sideways

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.

Electro-polished and acid pickled surface finishes ($<Ra\ 0.8\ \mu m$) 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 0.8µm - 3µm

Temperature:

EPDM: -15° / 90° C

NBR: -30° / 110° C

SILICONE (Q): -50° / 200° C

FPM: -10° / 250° C

Cover shape	Type	Function	Pressure Range* (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	

* Calculated max. pressure (bar)

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.