

## Cover All You Need for Opening

### Access Tank Cover - Type C, Type O, Type R

#### Application

The Type C, Type O and Type R stainless steel manhole covers are used on tanks or containers including bottling and washing machines. The products are suited for a wide range of sanitary applications such as wine, other beverages, dairy and food-stuffs. They are designed to fit where a closeable mean of access to the interior of the vessel, situated above or below the liquid level, is required. To fit various requests the cover comes in oval, circular and rectangular shape.

#### Working principle

Open the cover by loosening the handle. This range includes covers with various openings. For inspection purposes there are covers with inwards opening. If it is necessary to physically enter the tank there are covers with outwards and/or side-swing openings.

#### Materials

	Type C, Type O, Type R
Steel parts	1.4301 (304) or 1.4404 (316L)
Plastic parts	Nylon
Seal	EPDM
Cover finish	Polished
Frame finish	Raw (B2)

#### Installation

In order to obtain a perfect seal and correct function, it is essential that the frame is welded carefully and correctly. After welding always control that the sealing is in full contact with the sealing surface.

#### Certificates

Alfa Laval Type C, O and R covers are delivered without any type of certificates. If needing a certificate or approval we refer to Alfa Laval Range A covers.

Alfa Laval Access Tank Covers Type-C, Type-R and Type-O are delivered without any type of certificates. Exceptions are model C-500P and O-200P which are TÜV approved.



Fig. 1. Acces tank covers, types C, O and R.

#### Options

- A) Relief valves are available separately - cannot be ordered mounted on the cover (please see ordering leaflet).
- B) Seal of Natural rubber.
- C) Seal of NBR.

#### Ordering

Please state the following when ordering:

- Type.
- Frame height.
- Materials.

Above Liquid Level

Circular	Oval	Rectan- gular	Type	Alfa Laval Seal name	Glued	Function	Pressure Range* (bar) / (psi)	Relief Valve (option)
x			C-202	SC-202A	x	Static tank	0.4 / 5.8	x
x			C-202A	SC-202		Static tank	0.5 / 7.3	
x			C-202B	SC-202		Static tank	0.5 / 7.3	
x			C-202H2	SC-202		Static tank	0.5 / 7.3	
x			C-202H3	SC-202A	x	Static tank	0.6 / 8.7	x
x			C-202AH3	SC-202		Static tank	0.8 / 11.6	x
x			C-306	SC-306	x	Static tank	0.2 / 2.9	x
x			C-306MH	SC-306	x	Static tank	0.3 / 4.4	
x			C-306H2	SC-306	x	Static tank	0.2 / 2.9	
x			C-306H3	SC-306	x	Static tank	0.1 / 1.5	x
x			C-404	SC-404C	x	Static tank	0 / 0	x
x			C-404SB	SC-404C	x	Static tank	0 / 0	x
x			C-404ASB	SC-404A		Static tank	0 / 0	x
x			C-404BSB	SC-404B		Static tank	0.1 / 1.5	x
x			C-404CC	SC-404A/SC-404AN		Palletized road tanker	2.1-2.5 / 30.5-36.3	
x			C-404H1	SC-418	x	Static tank	0.1 / 1.5	
x			C-404H4	SC-404C	x	Static tank	0.3 / 4.4	x
x			C-404H6	SC-404		Static tank	1.5 / 21.8	
x			C-404MH	SC-404C	x	Road tanker	0.3 / 4.4	x
x			C-404AH4	SC-404B		Static tank	0.6 / 8.7	x
x			C-418	SC-418	x	Static tank	0.5 / 7.3	
x			C-454	SC-454		Static tank and road tanker	0.1 / 1.5	x
x			C-454A	SC-454		Road tanker	0.1 / 1.5	x
x			C-454H5	SC-454		Static tank	0.6 / 8.7	x
x			C-454SB	SC-454		Static tank	0.1 / 1.5	x
x			C-518	SC-518	x	Static tank	0.1 / 1.5	x
x			C-518H5	SC-518	x	Static tank	0.1 / 1.5	x
x			C-518MH	SC-518	x	Road tanker	0.1 / 1.5	x
x			C-518SB	SC-518	x	Static tank	0.1 / 1.5	x
x			C-520	SC-520		Static tank	0.1 / 1.5	x
x			C-520A	SC-520		Road tanker	0.1 / 1.5	x
x			C-800	SC-800		Static tank	0/0	
x			C-500P**	SC-500		Pressure tank	4-6/58-87	

\* Calculated max. pressure (bar) / (psi).

\*\* Tested and approved by TÜV.

## Below Liquid Level

Circular	Oval	Rectan- gular	Type	Alfa Laval Seal name	Glued	Function	Pressure Range* (bar) / (psi)	Relief Valve (option)
x			C-520H6	SC-520		Static tank	0.5 / 7.3	x
x			C-520SB	SC-520		Static tank	0.1 / 1.5	x
x			C-620A	SC-620		Static tank	0 / 0	x
x			C-620H8	SC-620		Static tank	0.4 / 5.8	x
x			C-620SB	SC-620		Static tank	0 / 0	x
x			O-320X440	SO-320		Static tank	0.1 / 1.5	
x			O-320X440IO	SO-320		Static tank	1.5 / 21.8	
x			O-395X495IO	SO-550		Static tank	3 / 43.5	
x			O-432X532IO	SO-532		Static tank	6 / 87	
x			O-440X320IO	SO-320		Static tank	1.5 / 21.8	
x			O-440X540IO	SO-540		Static tank	2 / 29	
x			O-445X550IO	SO-550		Static tank	3 / 43.5	
x			O-372X512P**	SO-372		Pressure tank	3.2 / 46.4	
	x		R-165X300	SR-300	x	Washing machines	0.5 / 7.3	
	x		R-184X234	SR-234	x	Washing machines	0.6 / 8.7	
	x		R-197X184	SR-234		Washing machines	0.6 / 8.7	
	x		R-332X440	SR-332		Static tank and washing machines	0.6 / 8.7	
	x		R-432X555	SR-555	x	Static tank and washing machines	0.7 / 10.2	
	x		R-440X332	SR-332		Static tank and washing machines	0.5 / 7.3	
	x		R-440X332H	SR-440	x	Static tank	2.5 / 36.3	
	x		R-555X432	SR-555	x	Static tank and washing machines	0.6-0.8 / 8.7-11.6	
	x		R-555X432H2	SR-555	x	Static tank and washing machines	1.8 / 26.1	

\* Calculated max. pressure (bar) / (psi).

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