



# Manway selection guide

Product Overview		Placement	Pressure	Working pressure (bar)	Steel material	Seal material	Built in splash guard	Seal	Working temperature	Application examples	Available certificates/declarations	Internal surface finish (frame)	Internal surface finish (cover)
		Above liquid level – on top of the tank	None		1.4301 (304)	Silicone		Seal fixed on the cover	-20°C (-4°F) (all seal materials)	Beer	3.1. Material certificate according to EN10204		
		Below liquid level – on side of the tank	Static		1.4404 (316L)	FEF covered viton		Seal fixed on the frame	100°C (212°F) (NBR)	Biodiesel	FDA conformity declaration		
		None	Over		EPDM	PFA covered silicone		Glued	110°C (230°F) (EPDM)	Champagne	PED 97/23/EC		
					NBR	FEF covered silicone		Non glued	150°C (302°F) (Silicone)	Chemical storage (detergents)	Ra > 2.0 (0.079")		
					FPM				200°C (392°F) (FPM)	Conservatories (tomatoes)	Ra < 0.8 (0.031")		
									250°C (482°F) (FPM)	Cosmetics	Ra < 0.6 (0.024")		
										Dairy	Ra < 0.4 (0.016")		
										Food	Ra < 0.8		
										Hand manwaydoor (washing and bottling mach.)	Ra < 0.6		
										Juices	Ra < 0.4		
										Mineral water			
										Non hygienic application			
										Perfumes			
										Pharma (aseptic conservation with pressure)			
										Pharma storage			
										Storage in general			
										Transportation (road tankers, mobile tanks)			
										Wine			
										Wine fermentation			

## Type

### Tank cover type LKD, oval shape



### Tank cover type LKDC and LKDS, circular shape



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



### Tank cover type HLSD-2, circular shape



Authorized to carry the 3A symbol

- 1) Double closing arm on the lid
- 2) Space for 2 air vents + side swing and back-side opening
- 3) Side swing and back-side opening

- 4) Space for 1 air vent + side swing and back-side opening
- 5) Handle placed in the middle
- 6) Clamp closing system

- 7) 4 handles
- 8) Double closing arm on the lid + 6 handles