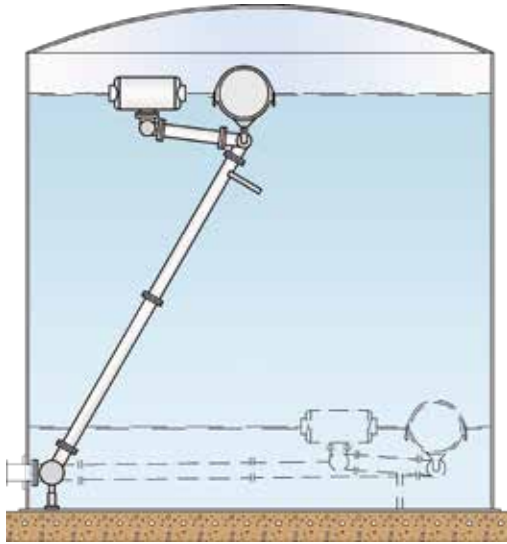


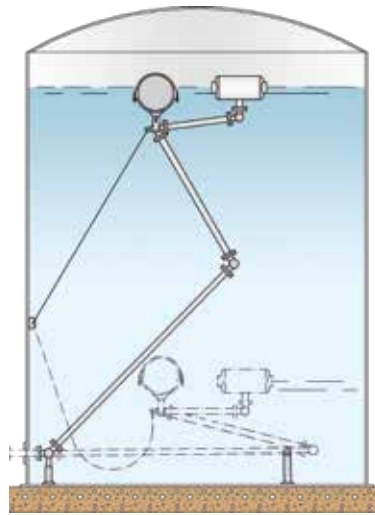


Floating Skimmer System

PROTEGO® SA/DA



PROTEGO® SA/DA for fixed roof tanks



PROTEGO® SA/DA with double-bend for fixed roof tanks

Function and Description

Fixed roof tanks (e.g. slop tanks) are equipped with Floating Skimmer System PROTEGO® SA/DA to discharge the liquid at the liquid surface. In this process, the inlet opening is always moved with the liquid surface using one or more floats, depending on the liquid level. This ensures that medium can always be discharged.

Design Types and Specifications

Floating Skimmer System PROTEGO® SA/DA are engineered, constructed and manufactured according to customer requirements and taking the stored medium and customers tank parameters into account. They are designed for many years of operation in full medium contact. We use stainless steel for highly loaded components or aggressive substances.

Sizes are available from 2" to 6" for fixed roof tanks.

Other nominal diameters, materials and special solutions are possible, but must be checked in each individual case.

Selection and Design

PROTEGO® Floating Skimmer Systems are the result of extensive experience and are well-conceived solutions for the end-user. This includes full project documentation with design drawings taking tank installations (optional arrangement check) and, if required, an inspection of the installed equipment before commissioning into account.

Essential for the design of the PROTEGO® Floating Skimmer Systems is the Heavy Duty Swivel Joints, which are designed to work maintenance-free for many years in full medium contact. This design provides the tank operator with operational reliability, and unforeseen and expensive repairs are prevented.

The Swivel Joints are:

- made of stainless steel;
- lubricated with a maintenance-free lifetime lubrication system; and
- equipped with a double row ball bearing with larger sizes to optimize reliability.

PROTEGO® Floating Skimmer Systems SA/DA are equipped with a skimmer float, which discharges the stored medium at the liquid surface. The design of this float depends on several factors, but the density of the medium is primarily decisive.

The buoyancy to move the system is also generated by the skimmer-float, if possible. If necessary, an additional buoyancy float is used, which carries the main weight of the plant.

Floats are exclusively manufactured from high-quality stainless steel and are 100 % pressure tested.

PROTEGO® Floating Skimmer Systems are „Made in Germany“ and will provide many years of trouble free tank operation.

*Project:

Location:

Customer:

*End user:

*Engineering:

Tank Main Details

*Fixed roof tank	☐		
Tank No.:		*Tank height: : mm	*Tank diameter: mm
*Maximum filling height:	mm		
*Material design of Skimming Systems:			

Product Details

*Stored liquid:	Specific density:
*Sucked in liquid:	Specific density:
Maximum product temperature: °C	

Tank Details

*Skimming System size: DN		
*Height of connection flange / length of connection piece (inside)	mm	
*Manhole size: DN		
Bottom slope:	☐	Slope direction:
*Are there any obstructions? (supports, heating pipes, etc.)	☐	if ☒ - please specify
*Tank drawing / sketch	☐	if ☒ - specify request

* This information must be provided upon request.
Fill in and ☐ check, if applicable.

