



Function and Description

Floating roof tanks require a drainage system that automatically drains the accumulating rainwater off the floating roof. PROTEGO® SE/CK is a single scissor-pipe-system that works with swivel joints.

The upper scissor pipe is connected to the roof drain valve, the lower scissor pipe is connected to the bottom pipe. Via the operational opened roof drain valve the water is transferred by the drainage system out of the tank.

Design Types and Specifications

PROTEGO® floating roof drainage systems are designed and sized to suit the individual tank specifications and customer requirements.

PROTEGO® floating roof drainage systems are designed for a long life in service. We use carbon steel or stainless steel for highly loaded components or aggressive media.

Solutions are available from DN 80/3" to DN 200/8" for floating roof tanks with external floating roof.

Selection and Design

PROTEGO® Floating Roof Drainage Systems offer experienced technology for a complete solution for the end-user. This includes easy installation and assembly and full documentation with an arrangement drawing showing the Floating Roof Drainage System placed in the tank with regards to all internals.

Essential for the design of the PROTEGO® Floating Roof Drainage System is the Heavy Duty Swivel Joint which fulfils the requirement for an in-service installation to avoid high costs of repairs and to extend the tank maintenance to the planned interval.

The Swivel Joint comes with/in

- a sturdy design made of carbon or stainless steel
- maintenance-free greased for a life-time with aviation approved grease
- large sized ball bearing with two races to cover all side-flow forces during operation.

Options upon request:

- Roof drain valve
- Bottom pipes
- On-site support

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

*Project:
Location:
Client:
*Enduser:
*Engineering:

Tank Main Details

*Floating roof tank	<input type="checkbox"/>	
Tank No.:	*Tank height: :	mm *Tank diameter: mm
*Maximum filling height:	mm	
* Material request of Floating Roof Drainage System:		

Product Details

*Product stored:	
*Specific gravity:	
Maximum product temperature:	°C

Tank Details

*Nominal diameter of drain line: DN	
*Shell nozzle centreline height / inwards projection	mm
*Manhole size: DN	
Bottom slope:	<input type="checkbox"/>
Slope direction:	
*Are there any obstructions? (columns, heating coils,...)	<input type="checkbox"/>
	if <input type="checkbox"/> - please specify
*Tank drawing / sketch	<input type="checkbox"/>
	if <input type="checkbox"/> - please specify

* This information must be indicated on request!
Fill in and tick off, if applicable.