



Function and Description

Floating roof tanks require a drainage system that automatically drains the accumulating rainwater from 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, and the lower scissor pipe is connected to the bottom pipe. The water is drained from the tank through the drainage system via the opened roof drain valve.

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 long-term operation in full contact with the substances used. We use carbon steel or stainless steel for highly loaded components or aggressive substances.

Sizes 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 are the result of extensive experience and are well-conceived solutions for the end-user. This includes easy installation, assembly, and full project documentation with drawings considering tank installations.

Essential for the design of the PROTEGO® Floating Roof Drainage System is the Heavy Duty Swivel Joint, which is designed to work maintenance-free for many years in full contact with the substances used. This design provides the tank operator with operational reliability, and unforeseen and expensive repairs are prevented.

The Swivel Joints are:

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

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:
Customer:
*End user:
*Engineering:

Tank Main Details

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

Product Details

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

Tank Details

*Nominal diameter of drain line: DN	
*Height of connection flange / length of connection piece (inside):	mm
*Manhole size: DN	
Bottom slope:	<input type="checkbox"/>
Slope direction:	
*Are there any obstructions? (supports, heating pipes, etc.)	<input type="checkbox"/>
	if <input checked="" type="checkbox"/> - please specify
*Tank drawing / sketch	<input type="checkbox"/>
	if <input checked="" type="checkbox"/> - please specify

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