



Function and Description

Floating roof tanks require a drainage system that automatically drains the accumulating rainwater from the floating roof. PROTEGO® SE/K is a single-scissor pipe system that works with sturdy shackle joints. The water is drained by pressure-resistant metal hoses installed without tension.

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. a long life in service. We use carbon steel or stainless steel for highly loaded components or aggressive substances. For the carbon steel version, the joint bearings are made of stainless steel.

Sizes are available from 3" to 8" for floating roof tanks with an external floating roof.

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

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 design drawings considering tank installations.

The flexibility of the metal hose is possible due to the shackle-bolted joint. Forces caused by torsion or uneven movements of the floating roof are absorbed through design and arrangement of the joints and have no negative effects on the system or metal hoses. The water is drained by metal hoses that are directly connected to the scissor pipes. The drain water does not pass through the actual joints, so sealing elements used for common swivel joint systems are not required.

For stability reasons, metal hose joints are made of steel or stainless steel.

Options upon request:

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

*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.

