

1) General

You can connect this quench liquid container to single mechanical seals. The container functions according to the thermosiphon principle by which the circulation is caused by the heated quench liquid.

2) Function

The quench liquid container performs a number of functions:

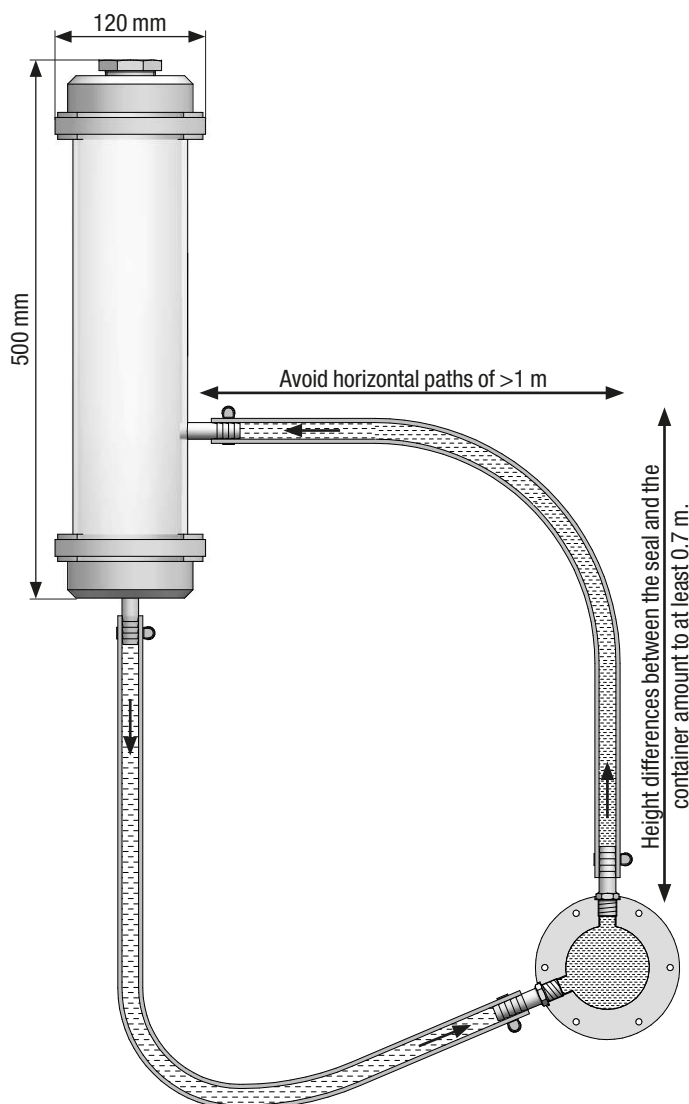
- Cooling the seal
- Lubricating the seal
- Catching leakage
- Monitoring leakage (filling level control in the container)
- Protecting against running dry and stabilising the lubrication film

3) Technical data

Description	Value
Filling volumes	c. 4 l
Material	PVC
Permitted operating pressure	0 bar
Connections	Ø 16 mm
Operating temperature	0 - 60 °C

Table 1: Technical data

4) Mounting diagram



5) Mounting

1. Connect a hose to the lower seal connection and the lower connection of the quench container.
 2. Fill the seal with quench liquid.
 - The seal has been completely filled and vented.
 3. Connect a hose to the upper seal connection and the upper connection of the quench container.
 4. Unscrew the threaded plug on the upper side of the quench container.
 5. Fill the quench container with quench liquid. Comply with the marking.
 - The filling level must always lie above the upper connection.
- ✓ **Installation completed.**



CAUTION

Danger from dosing medium!

In operation, the quench liquid can take up part of the dosing medium. Comply with the following safety precautions to reduce the danger.

- ⇒ Make sure that the quench liquid and the materials used are suitable for the dosing medium.
- ⇒ Wear suitable protective clothing during installation.
- ⇒ Check the hose clips for their security during operation.
- ⇒ Check that the maximum temperature is not exceeded during operation.