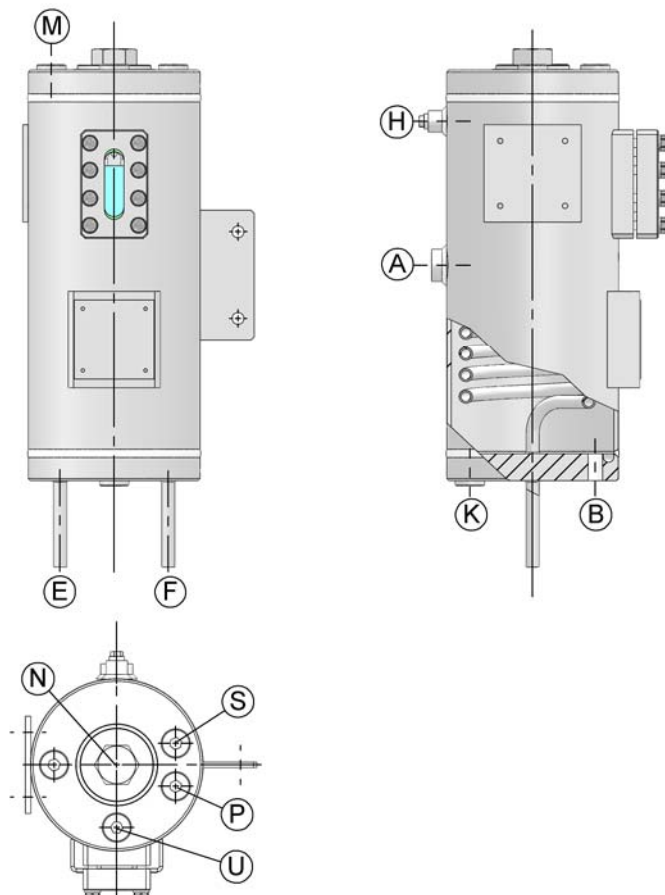


# RVT - Barrier fluid vessel Volume: 5,9 ltr.

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By using the RVT barrier fluid system, single- or double acting mechanical seals will be supplied with the barrier fluid.  
Calculation, design and production according to PED 2014/68/EU resp. EN 13445 and AD 2000.  
Classification: Liquid group 1 (hazardous) - Art. 13

Category II  
Design proofing acc. to modul B (design pattern)  
Manufacturing control acc. to modul A2

The function of the vessel, provided with or without cooling tube coil, is to store and cool the barrier fluid. Operation under pressure, e.g. using pressure gas (e.g. N<sub>2</sub>, nitrogene) is also possible.

## Technical data:

### Vessel

limited operating pressure	-1/+30 bar
limited operat. temperature	-45/+200°C
Volume	5,9 ltr.
Test pressure	47,8 bar

### Cooling tube coil

limited operat. pressure	-1/+16 bar
limited operat. temperature	-45/+200°C
Volume	0,37 ltr.
Test pressure	28,6 bar

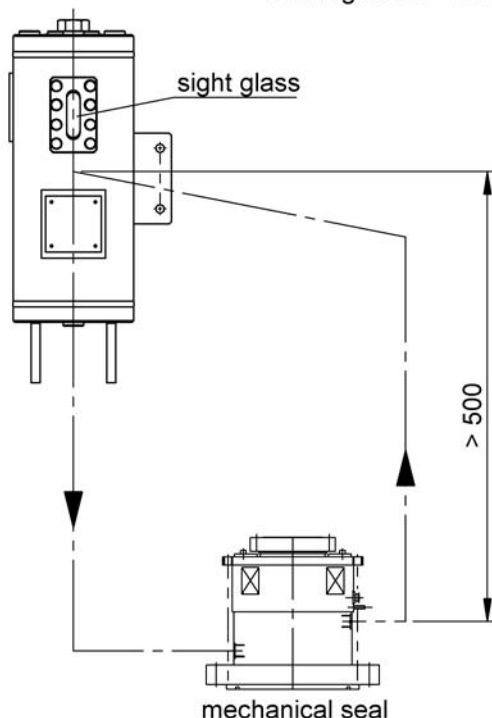
**Material:** 1.4571 (316 Ti)

**Net weight:** appr. 17 kg

## Assembly sketch:

- Operating manual has to be noticed!

- Guideline: Barrier fluid water 60° C  
Cooling water 20° C



Connection	Description	Size
Ⓐ -	Barrier fluid inlet to mechanical seal	G 1/2
Ⓑ -	Barrier fluid outlet to barrier fluid vessel	G 1/2
Ⓔ -	Cooling water in	tube 12x1,5
Ⓕ -	Cooling water out	tube 12x1,5
Ⓗ -	Connection hand pump	G 1/8
Ⓚ -	Discharge	G 1/2
Ⓝ -	Connection for level switch	G 2
Ⓜ -	Manometer connection	G 1/2
Ⓢ -	Universal connection	G 1/2
Ⓟ -	Pressure gas connection	G 1/2
Ⓤ -	Filling connection	G 1/2

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