

Static flushing tank (Plan 51)

DESCRIPTION

When continuous quenching is not available, static quench (Plan 51 according to API 682, Fluiten code SDP-003) can be an alternative solution. This tank can be used to prevent ice formation in cryogenic services, salt deposition in salty water services and air intrusion when the pump operates at pressures below atmospheric one.

This device must be connected to the Quench (Q) of the mechanical seal.



CONSTRUCTION FEATURES

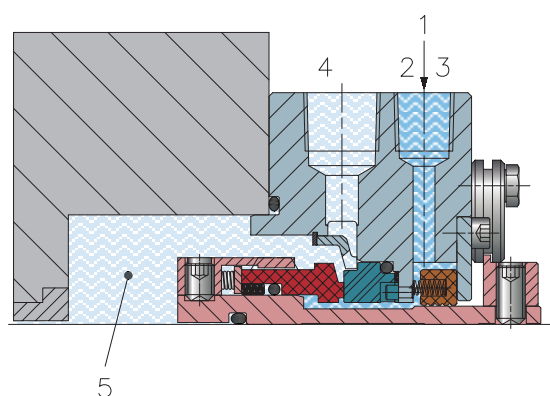
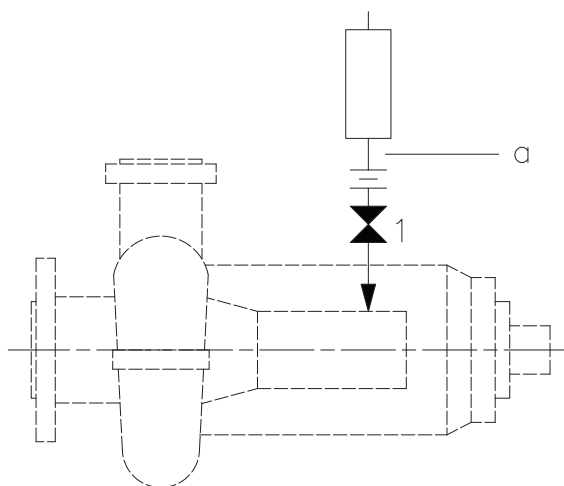
- Material: AISI 316.
- 3 liters tank, for long operating time.
- Compatibility with a wide range of liquids.

MAIN FUNCTIONS

- Reduction or zero salt deposition or ice formation on the seal atmospheric side.
- Preventing air entrance into equipment operating below atmospheric pressure.
- Maintaining proper seal faces lubrication.

CAUTION!

Plan 51 should be combined with a segmental bushing or lip seal mounted on the seal flange to reduce leakage to atmosphere, increasing the average time between refilling.



- 1) From the barrel
- 2) Washing (Q)
- 3) Drainage (D), plugged
- 4) Flushing (F)
- 5) Stuffing box

a) The elements below the line are supplied by the manufacturer. The elements above the line shall be borne by the purchaser.