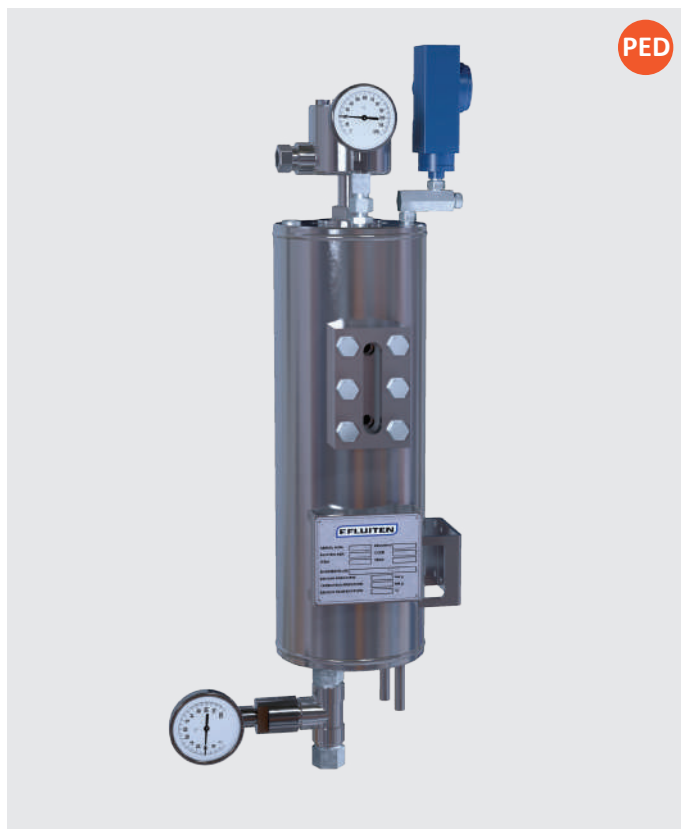


8 Liters Reservoir (Plan 52/53A)

DESCRIPTION

8 liters reservoir (Fluiten code SDPN16V08) can be used in two different configurations, based on the process fluid: Plan 52 or Plan 53A. If the process fluid atmospheric emissions of the process fluid must be reduced or diluted, Plan 52 should be considered. If these are not acceptable, you must consider configuration with Plan 53A. In case process fluid emissions are not acceptable, Plan 53A and barrier fluid must be considered, its design is very similar to Plan 52, but nitrogen must be injected into the reservoir to pressurize barrier fluid.



CONSTRUCTION FEATURES

- Reservoir in AISI 316, for high corrosion resistance, even on heavy duty services.
- Modular design: optional instrumentation available on request.
- Integrated pipes for cooling water connection.
- MAWP: 16 barg.
- MAWT: 200 °C.

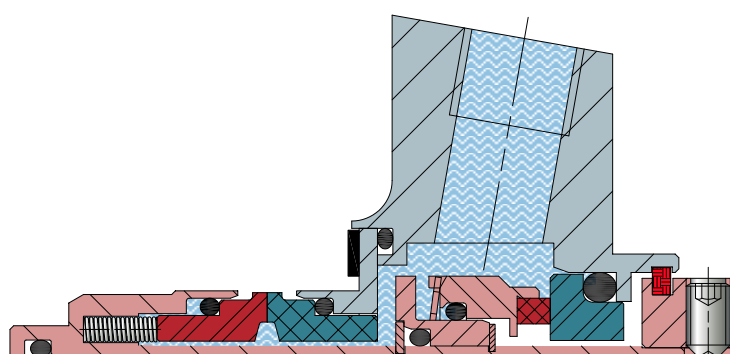
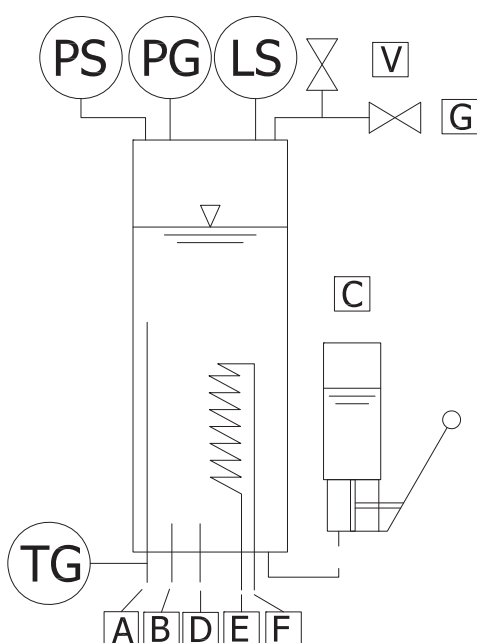
MAIN FUNCTIONS

- Sized to remove heat generated by the seal faces through flushing fluid circulation, ensuring proper lubrication of the sealing surfaces.
- Reduction of process fluid emissions to the atmosphere (Plan 52): hazardous services, where emissions must be limited.
- No emission of process fluid to the atmosphere (Plan 53A): toxic services where emissions are not allowed.

CAUTION!

For Plan 53A solution, it is necessary to check the availability of nitrogen in the plant at a pressure 1-2 bar higher than the maximum stuffing box pressure.

Fluiten can suggest the type of flushing fluid (see page 5-7).



- | | |
|----|-------------------------|
| A) | Auxiliary fluid inlet |
| B) | Auxiliary fluid outlet |
| C) | Charging line |
| D) | Drain |
| E) | Cooling water outlet |
| D) | Drain |
| G) | Pressure gas connection |
| V) | Vent |