

12 Liters Reservoir (Plan 52/53A)

DESCRIPTION

12 liters reservoir (Fluiten code SDP012) can be used in two different configurations, based on the characteristics of the process fluid: Plan 52 or Plan 53A.

Plan 52 (reservoir at atmospheric pressure) is suitable where a reduced emissions are accepted, while Plan 53A (pressurized reservoir) has to be considered when process fluid emission to atmosphere are not accepted (see Fluiten technical seminar).



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.

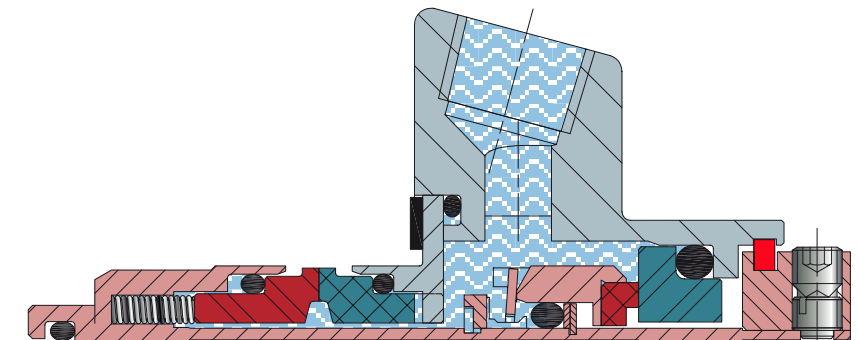
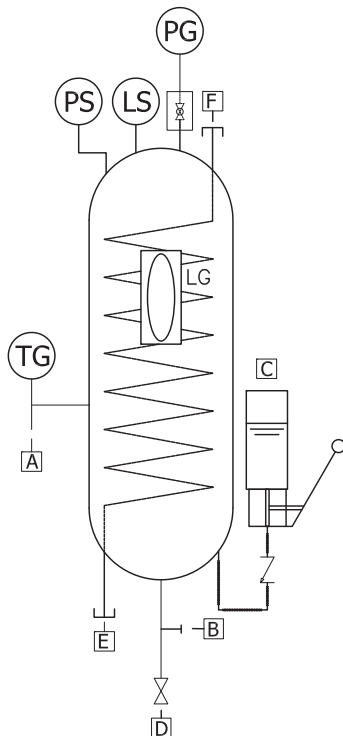
MAIN FUNCTIONS

- 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
- V) Vent