



HY100 suction stabilizer is installed in the suction line of plunger pumps in flow through configuration. Suction stabilizer isolates the pump from the suction piping and offers dampening of flow and acceleration pulsations. Suction stabilizer eliminates the pressure loss created by pulsating flow and increases system's NPSHa value. Hytar HY100 suction stabilizer can be equipped with a bleeding valve allowing air removal from the fluid.

The use of suction stabilizer is recommended with large flow plunger pumps to ensure ideal suction line conditions. Suction stabilizer is installed into suction liquid line as close to the pump as possible. Suction stabilizer contains a liquid volume that eliminates upstream flow accelerations and gas volume that acts as a spring and stabilizes the pressure.

- Flow through stabilizer isolates pump from the suction piping
- Increases NPSHa
- Maintenance free - no gas charging
- Increases pump life time
- Air removal with optional bleeding valve
- Drain and extra pressure measurement connections
- PED 97/23/EC approved
- CE marked

### Technical Specifications

Volume	100 l
Max pressure	11 bar
Max. design flow	570 l/min
Design temperature	70°C
Fluid	Water, oil, air
Material	EN1.4404 (AISI316)
Weight	90 kg (198 lbs)
Approvals	PED 97/23/EC, CE marked

### Principal dimensions

