No. 6919S

Accumulator

Order no.	Article no.	Reservoir volume [cm³]	Gas preload p 0 max. [bar]	Set gas preload p0 [bar]	max. permiss. over-pressure [bar]	Ambient temp. [°C]	Weight [g]
67645	6919S-013	13	250	80	500	-20 - +60	300
67637	6919S-040	40	250	80	400	-20 - +60	650

Design:

- Hydro diaphragm reservoir
- Filling gas = nitrogen, class 4.0
- Pressure fluid: hydraulic oil acc. to DIN 51524 Part 1 and 2; viscosity ISO VG 10 to ISO VG 68 acc. DIN 51519.
- Thread G1/4 A, DIN ISO 228/1 with sealing edge.

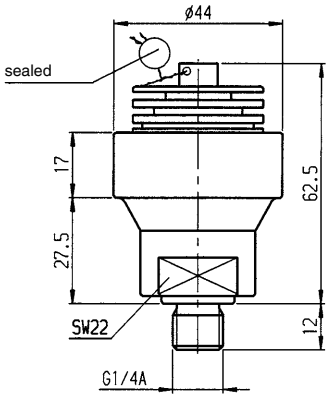
Application:

- For short-term compensation of oil losses in stand-by operation;
- to support during switching procedures in hydraulic circuits;
- to compensate for pressure peaks when switching valves;
- for compensation of volume changes of closed circuits in case of temperature changes.

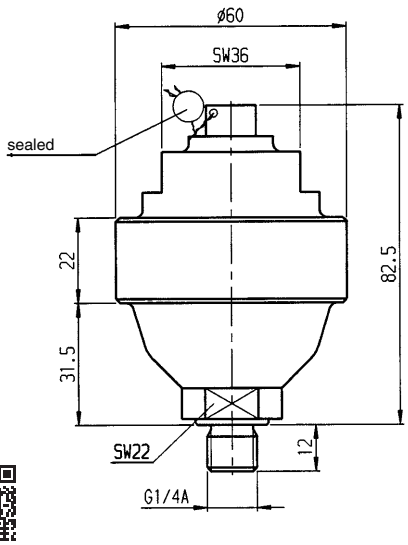
Note:

The reservoirs are manufactured, checked and marked according the technical rules for pressure containers (TRB). Max. permissible operating pressure ratios p2 max : p1 max isothermal = 4:1 Max. permissible operating pressure ratios p2 max : p1 max adiabat = 3:1.

6919S-013

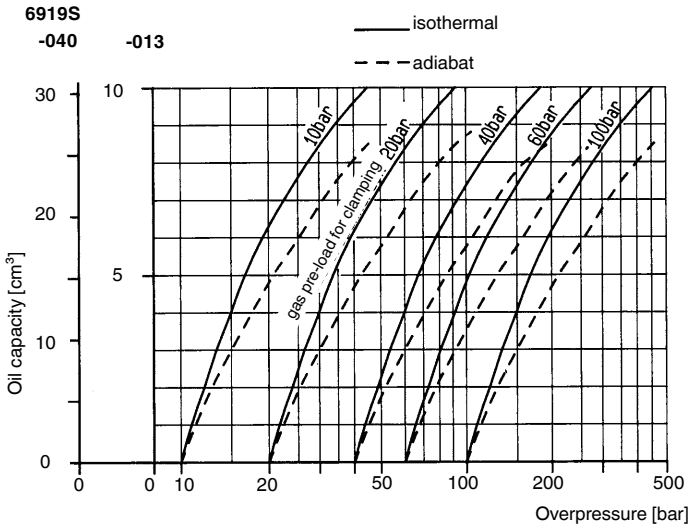


6919S-040



CAD

Diagram:



Subject to technical alterations.