



Mechanical Accumulator

www.innova.no

The Mechanical Accumulator is a spring-loaded cylinder for adding pressure to a hydraulic loop.

Stacked disc springs are used to optimize the overall size and provides a large volume with added pressure. The accumulator can be used for adding pressure to hydraulic lines, for instance to a spring failsafe cylinder. Also, it can be used as pressure compensator or reservoir.

The product is made from Super Duplex material, and the springs from Inconel, which gives high grade of corrosion resistance. The spring stack can be increased to gain more volume or more pressure if desired.

Key features

- Disc spring loaded cylinder
- Volume capacity: 4L
- Max pressure output: 5 bar

The overall dimension is $\text{Ø}232 \times 530\text{mm}$. Weight in air is 90kg. Mounting to structure with pedestal or clamps, configurable for project specification.