



Siken Pulsation Dampener

Siken Hydraulics provides pulsation dampeners in many industries.

A pulsation dampener, also known as a pulsation damper or pulsation absorber, is a device used to reduce or eliminate pulsations and pressure fluctuations in fluid systems. It is commonly employed in applications involving reciprocating pumps, compressors, or hydraulic systems.

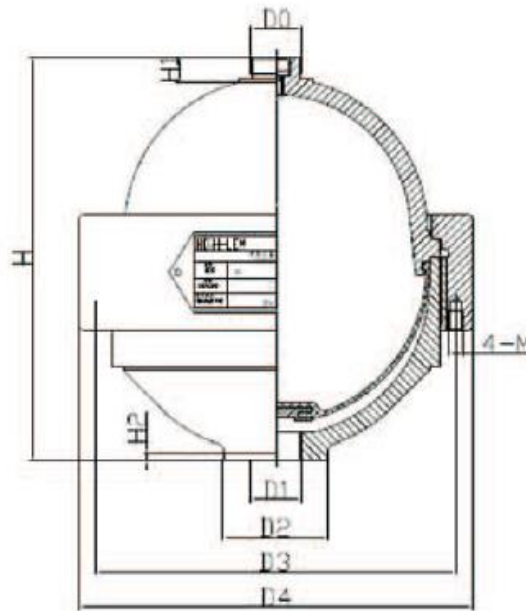
The primary function of a pulsation dampener is to smooth out pressure fluctuations caused by the cyclic operation of the pumping or compressing device. Pulsation dampeners find applications in a wide range of industries, including oil and gas, chemical processing, water treatment, and automotive. They are often installed in pipelines, pumping stations, and hydraulic systems to improve system performance, protect equipment, and enhance the overall reliability of fluid handling processes.

Siken Hydraulics provides two kinds of pulsation dampeners.

(A) SDA series,

(B) SDB series

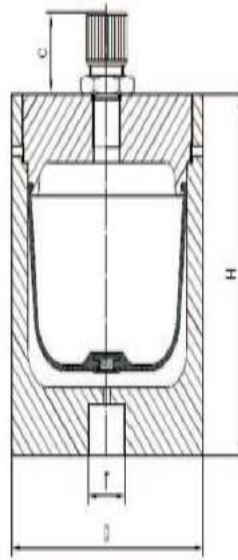
(A) SDA series



Parameters:

- *Pressure: 100Bar, 250Bar, 500Bar, 550Bar, 700Bar, 800Bar, 1000Bar, 1200Bar
1500PSI, 3600PSI, 7200PSI, 10000PSI, 12000psi, 15000PSI, 17000PSI*
- *Volumes: 0,1 liter .to 2 Liter*
- *Service temperature: -60°C ... +200°C*
- *Rubber materials:: NBR, HNBR, ECO. etc.*
- *Housing materials: Caron steel, Stainless Steel, etc...*

(B) SDB series



Parameters:

- *Pressure: 100Bar, 250Bar, 500Bar, 550Bar, 700Bar, 800Bar, 1000Bar, 1200Bar, 1500PSI, 3600PSI, 7200PSI, 10000PSI, 12000psi, 15000PSI, 17000PSI*
- *Volumes: 0,1 liter to 4 Liter*
- *Service temperature: -60°C ... +200°C*
- *Rubber materials:: NBR, HNBR, ECO. etc.*
- *Housing materials: Caron steel, Stainless Steel, etc...*