

**Product:**

**Pulsation Damper**

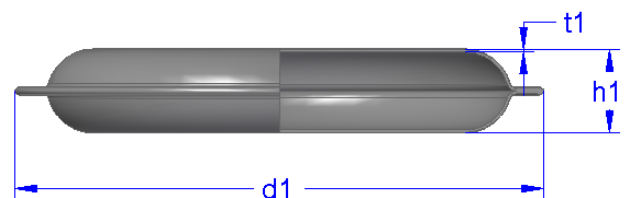
Fluid circuits, like fuel lines, experience system related pressure pulsations which can cause noise and dynamic load conditions. EKK is able to dampen these pressure pulsations with an dedicated developed metal diaphragm damper using minimum packaging space. This proven technology is already in use in high pressure fuel pumps.

EKK's expertise with precision stamping, hydroforming and laser welding are highly visible in this product. The flexibility and variability of the design makes it possible to create a solution to reduce NVH issues.

Besides customer specific solutions there are standard solutions which can be integrated in high pressure fuel pumps.

## Specifications:

Item	Abbr.	Range	Unit
Outside diameter	d1	35/40	mm
Total height	h1	max 5	mm
Thickness	t1	0,15	mm
Gas pressure		0 – 0,6	MPa



All technical specifications are based on extensive tests and our many years of experience. The diversity of possible applications, however, means that they can serve only as guide values. We must be notified of the exact conditions of application before we can provide any guarantee for a specific case. This is subject to change.

*Developing small things that make a big difference.*