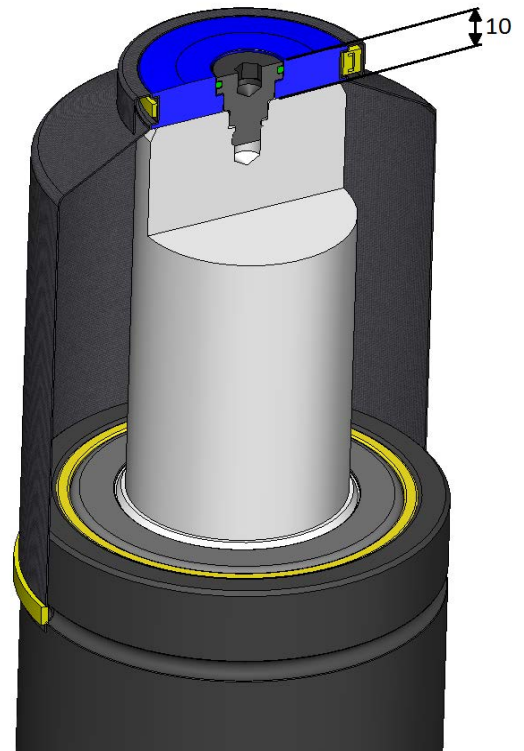


Heavy Duty Protection HDP series

- introducing a new Patent Pending piston rod cover for gas springs exposed to demanding environments

Features and benefits

- HDP has a compact and innovative design based on experience of existing applications
- KALLER HDP doubles the service life of the gas spring
- The first piston rod cover in the world without open breathing holes
- HDP fits all standard gas springs, without any modification
- HDP fits all mounting options
- Only 10 mm additional length is added
- HDP now is available for gas springs with threaded piston rod and tube sizes \varnothing 95 mm, \varnothing 120 mm and \varnothing 150 mm



Technical performance

Operating temperature	Min 0 –Max 80 C°
Temperature resistance	Min -35 –Max 200 C°
SPM	According to the gas spring

Why has KALLER developed the HDP series?

Gas springs have been developed mainly for sheet metal forming. Over the years gas springs have been installed in different applications where the environment can be very aggressive.



Hot forming applications

In these situations gas springs generally cannot perform as in a traditional forming die. HDP is designed to obtain a significantly longer service life regardless how contaminated the application environment is.

Availability

The HDP series will be available to order from March 15, 2018.