

Efficiency increase and emission reduction with LESER products

Marco Hertenstein | 27-28.08.2024 | Bern
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Efficiency increase and emission reduction.



Efficiency and emissions. Factors affecting efficiency and emissions.

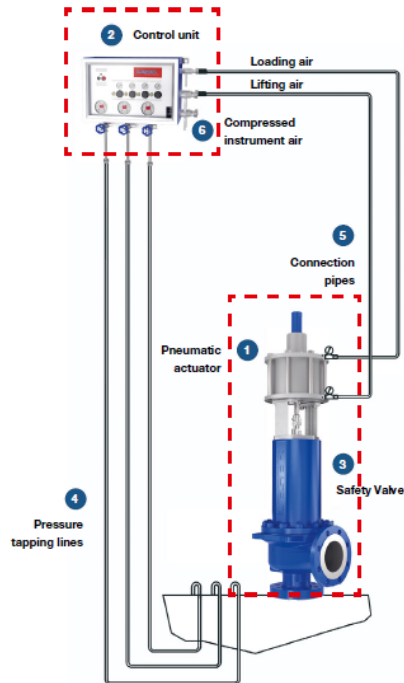
Efficiency and emissions can be influenced by LESER products as follows:

1. Tightness

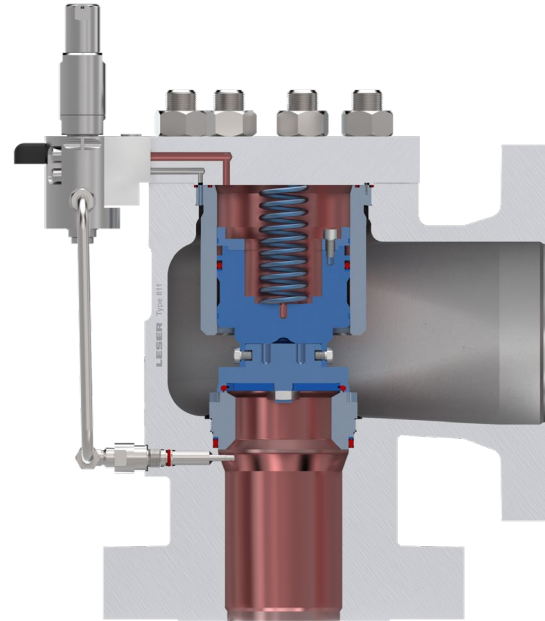
2. Operating pressure of the system

3. Loss of media

Supplementary Loading System

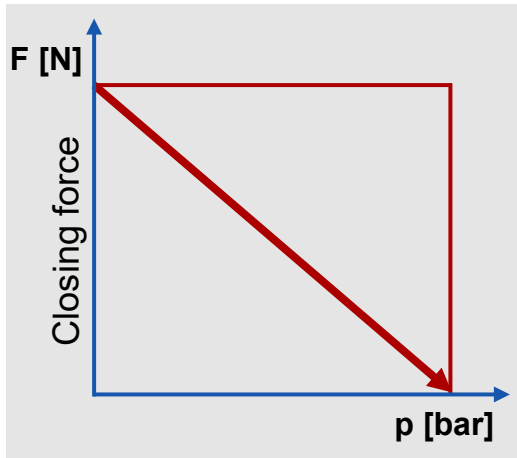


Pilot Operated Safety valve (POSV)

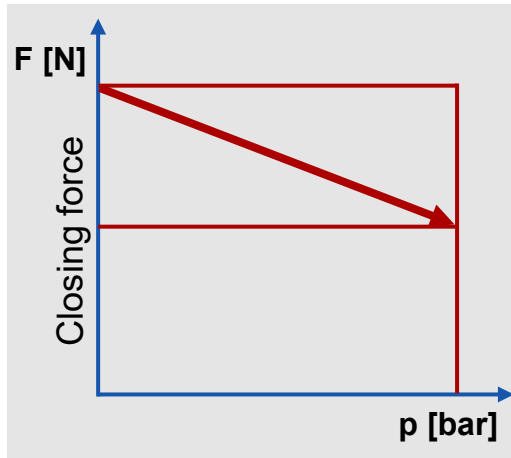


Tightness. How to increase tightness?

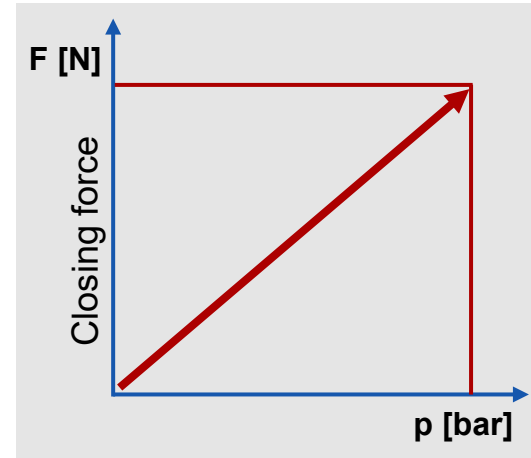
1. Spring-loaded Safety Valve



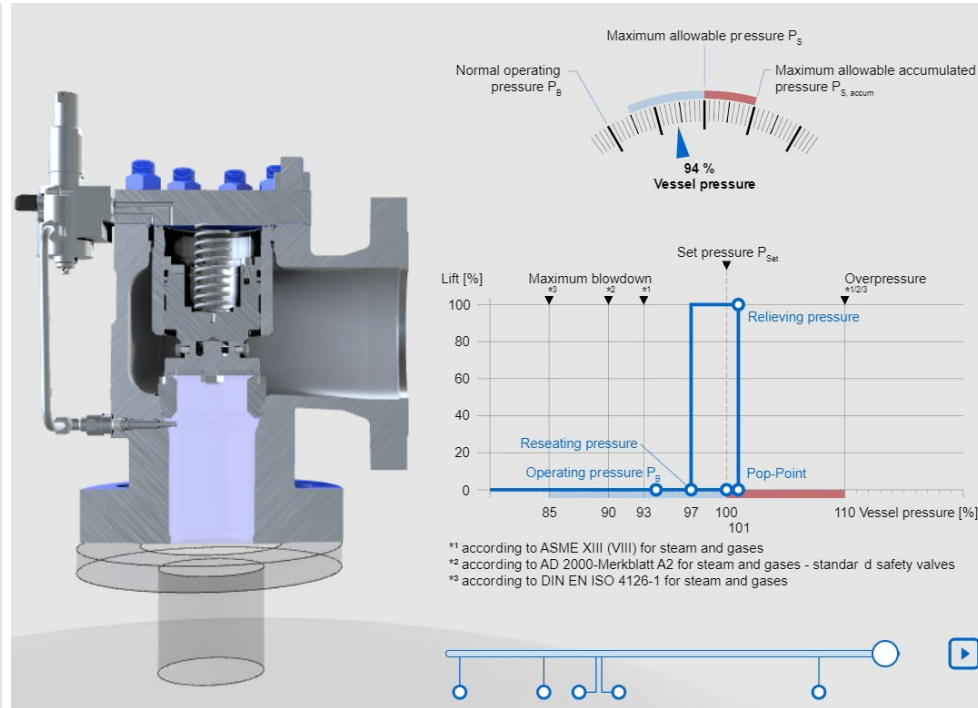
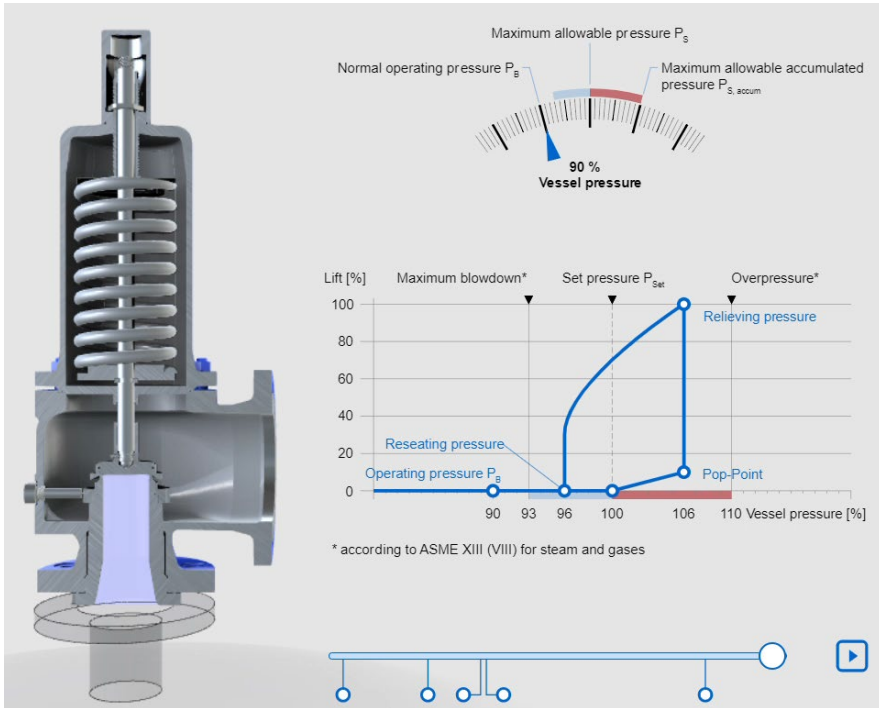
2. Supplementary Loading System



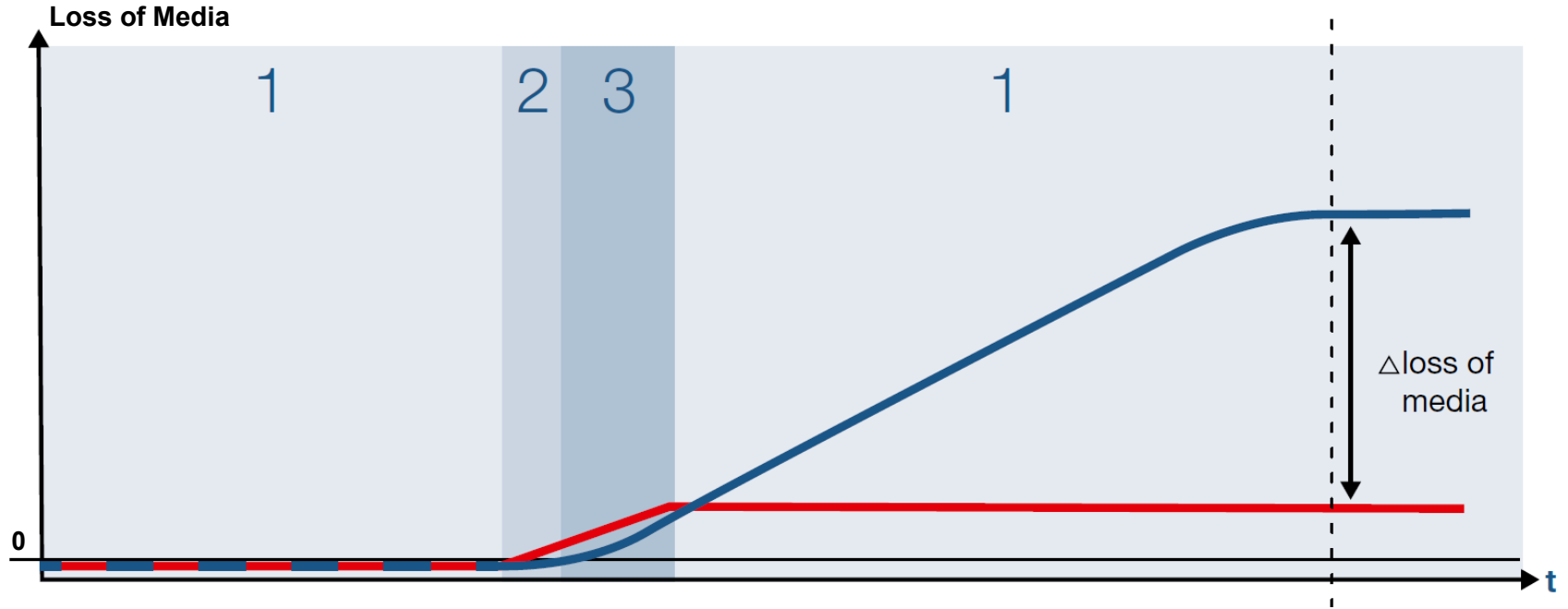
3. Pilot Operated Safety Valve



Operating pressure. How to increase the operating pressure?



Loss of Media. How to reduce media loss?



LESER

The-Safety-Valve.com

Benefits – by using LESER products.

- **Fully tight** up to the set pressure. The safety valve also remains tight during pressure spikes which happen below the set pressure.
 - **Higher process productivity** by operating the protected system closer to the Maximum Allowable Working Pressure (MAWP) (up to 97%).
 - **Less loss of media** when the safety valve opens and closes. Both the opening and closing times are shortened.
- This leads to a higher plant efficiency and reduction of emission.

High Efficiency.
Thank you for your attention.

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