

Industrial Peristaltic Pumps Accessories

Pulsation damper



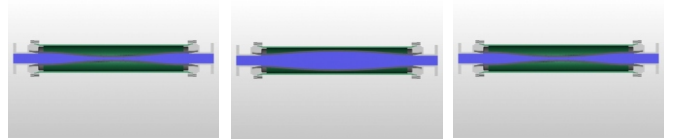
One of the characteristics of the hose pumps is that they produce pulsating flow. In some cases, this pulses can be a problem, due to high peak pressures (basically on medium and long installations), or because we have to use flowmeters or similars that require lineal flow.

In order to damper the pulsations, we have available inline pulsation dampers, that reduce the pulsation to minimum values, allowing the use of flowmeters, or reducing drastically the peak pressures, enlanging in this way the life of the hose, and of he installations.

We have 2 versions: Flexible version (up to 8 bar) and rigid version (up to 15 bar).

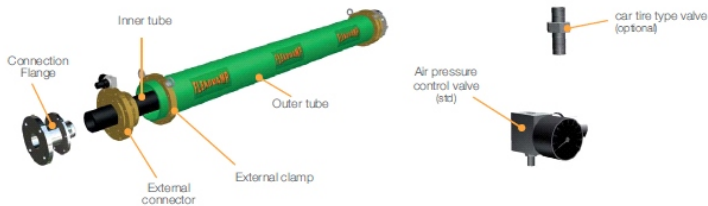
The flexible version, has another big advantage: It isolates the vibrations from the pump to the rigid installation. Always is recommended the use of a flexible pipe between the pump and the installation. In case of flexible version, it makes this function, and the damper of the pulsation as well.

The basis of how it works is very simple. When the damper is at work, the compressed air existing between the inner and outer hoses compresses the inner hose. When the pump produces the fluid pulsation, it expands the inner hose and filling the volume that the compressed air occupied before. When the pulsation is over, the process is repeated in an automatic way achieving thus the alignment of the fluid. As it is a totally flexible element, it absorbs all the vibrations and ram bumps produced by the pump.



3.2.1 Pulsation dampers data sheet - 14/02/2014

AVAILABLE MODELS FD VERSION



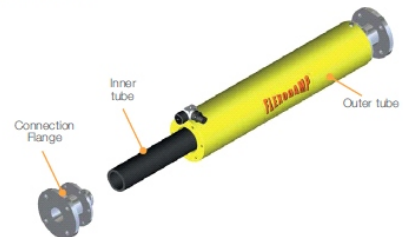
MODEL	LENGTH STANDARD (mm) *
FD- 10	750
FD- 15	1.000
FD- 25	1.500
FD- 40	2.000
FD- 50	2.500
FD- 65	3.500

* Available in other lengths if necessary



AVAILABLE MODELS FDR VERSION

Rigid version
In-line pulsation damper classic design



MODEL	LENGTH STANDARD (mm) *
FDR- 65	1.000
FDR- 100	1.500

* Available in other lengths if necessary

