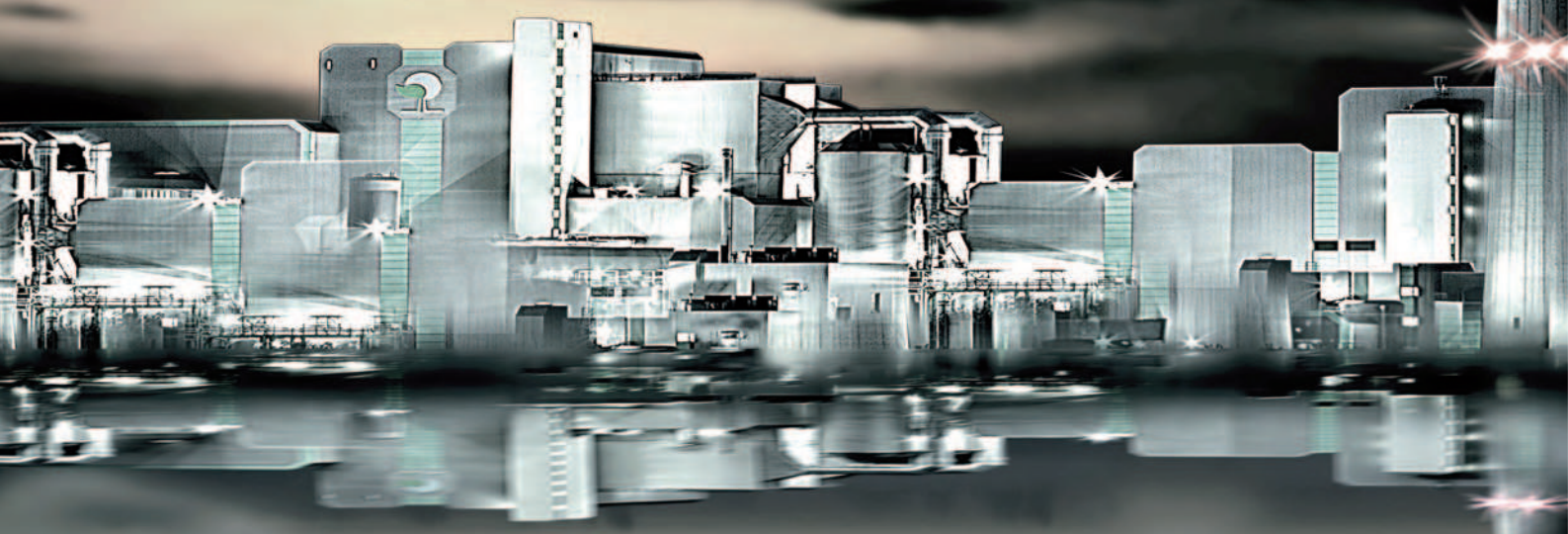




BOA

DAMPER



Pneumatic, automatic pulsation dampeners

Realized in:

PP, PVDF, ALUMINIUM, SS AISI 316, POMc

Applicable to all size
of pumps.

Available also in ATEX
or FOOD version.



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The active pulsation dampener is the most efficient way to remove pressure variations on the discharge of the pump. **MPUMPS** pulsation dampener works actively with compressed air and a diaphragm, automatically setting the correct pressure to minimize the pulsations. Pulsation dampeners require minimum maintenance and are, subject to the requirements of the application, available in the same housing and diaphragm materials as the pump.

How it works

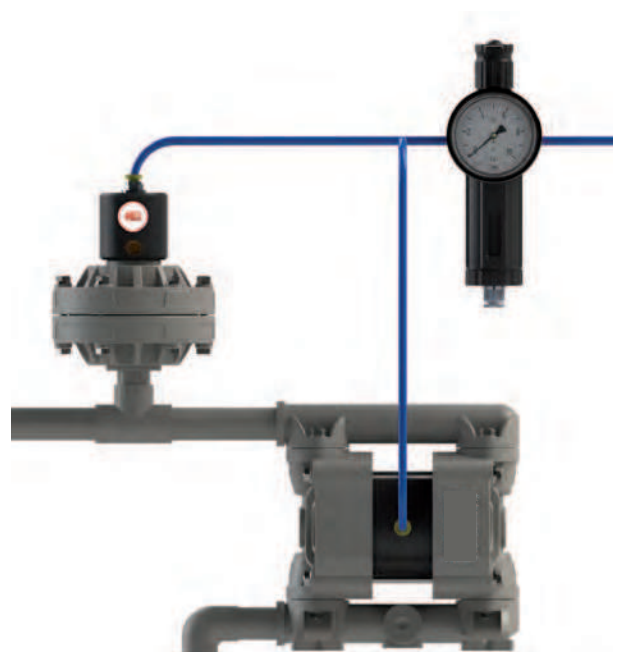
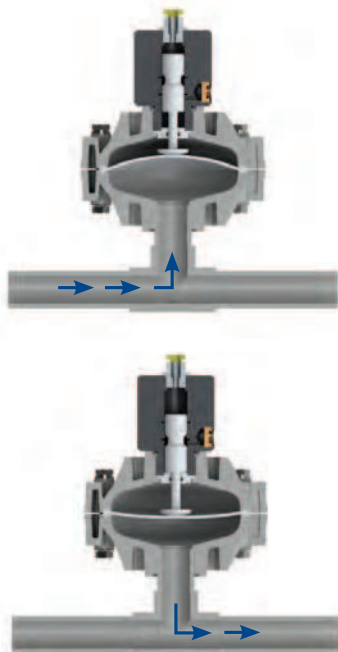
The pulsating flow of the discharge forces the diaphragm upwards where it is cushioned by the air in the chamber. The flexing of the diaphragm absorbs the pulsation giving a smooth flow.

Application

- Metering/ Injection/Dosing
- Equalizes discharge pressure spikes, increasing accuracy
- Filter Press/Inline Filters
- Increases filter efficiency and life by providing a smooth flow
- Spraying
- Smooth, consistent spray pattern.
- Filling
- Eliminates inconsistent filling and splashing.
- Transfer
- Eliminates harmful water hammer, preventing pipe and valve damage.



Significant Pulsation Reduction with an average 70% - 80% pulsation reduction in high back pressure applications.





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D20

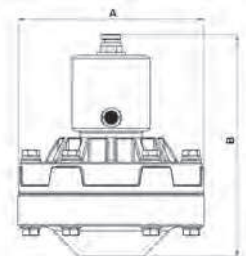
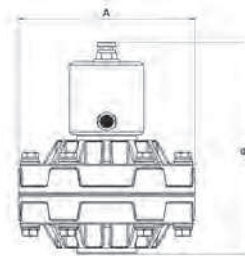
APPLY TO:
7 - 18 - 30

Dimensions

	PP	PVDF	POMc	AISI
A (mm)	119	119	119	119
B (mm)	143	143	143	143
Weight kg	0,6	0,7	0,65	1,9
MAX Temperature	65°C	95°C	80°C	95°C
MIN Temperature	-4°C	-20°C	-5°C	-20°C

Technical data

Fluid connections: 3/4"
 Air connection: 6 mm
 Max air pressure: 8 bar



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D25

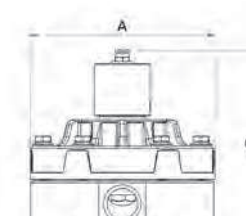
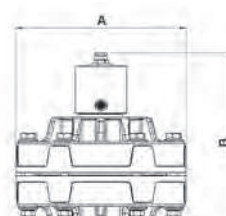
APPLY TO:
50 - 65 - 100

Dimensions

	PP	PVDF	POMc	AISI
A (mm)	181	181	181	181
B (mm)	195	195	195	182
Weight kg	1,6	2	1,9	6,5
MAX Temperature	65°C	95°C	80°C	95°C
MIN Temperature	-4°C	-20°C	-5°C	-20°C

Technical data

Fluid connections: 1"
 Air connection: 8 mm
 Max air pressure: 8 bar





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D40

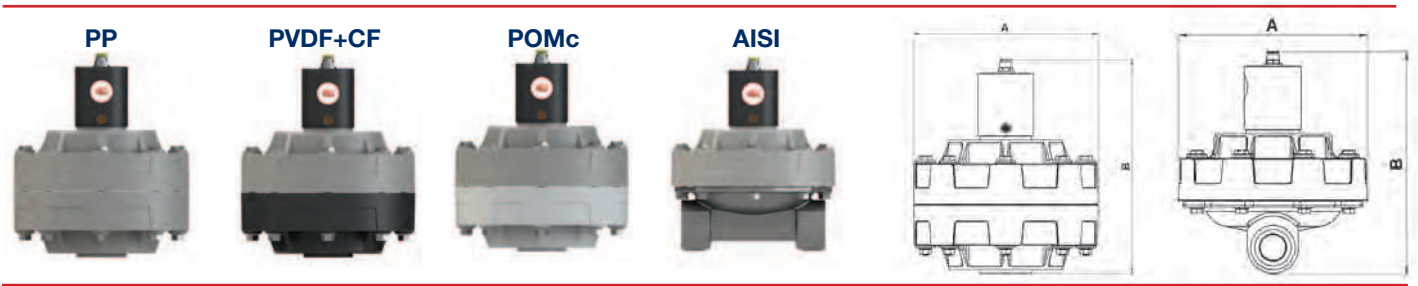
APPLY TO:
160 - 250
400

Dimensions

	PP	PVDF	POMc	AISI
A (mm)	233	233	233	233
B (mm)	270	270	270	275
Weight kg	3,8	4	3,9	5,9
MAX Temperature	65°C	95°C	80°C	95°C
MIN Temperature	-4°C	-20°C	-5°C	-20°C

Technical data

Fluid connections: 1"1/2
Air connection: 10 mm
Max air pressure: 8 bar



BOADamper

D40

APPLY TO:
500 - 700
1000

Dimensions

	PP	PVDF	ALU	AISI
A (mm)	404	404	404	350
B (mm)	420	420	420	418
Weight kg	13,7	17	14,3	21,6
MAX Temperature	65°C	95°C	90°C	95°C
MIN Temperature	-4°C	-20°C	-20°C	-20°C

Technical data

Fluid connections: 2"
Air connection: 12 mm
Max air pressure: 8 bar

