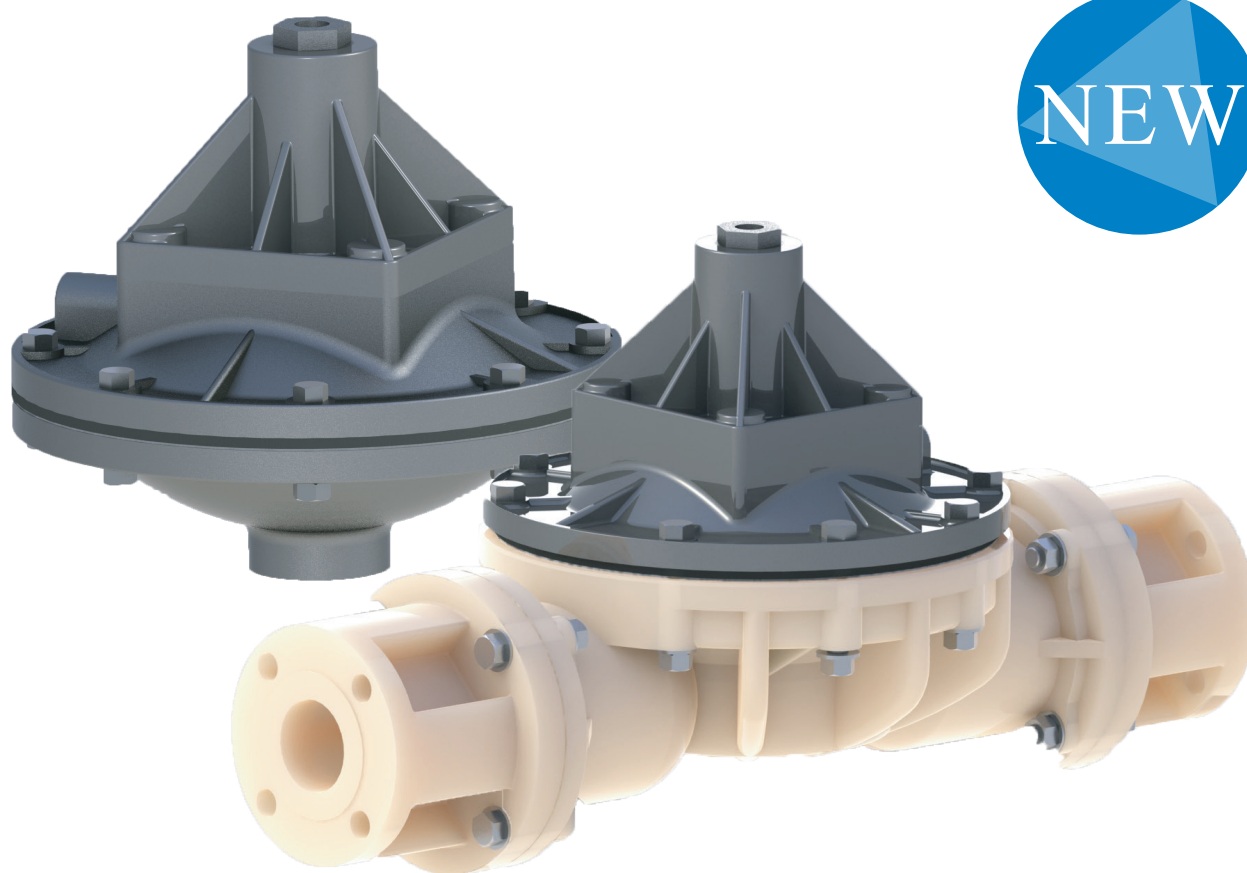


SKYLINK- Specialist in fluid transfer



TA/TP Series Dampener

Safety, Stability, Efficiency



Product Manual

TA/TP Series Dampener

high quality voltage stabilizing equipment

Pneumatic double diaphragms would have produced pulses. This will lead to pressure changes in the pipeline and increase the loss of the pipeline. In order to pursue the minimum pulses of fluids, dampener are needed. Through correct use, these pressure stabilizing tanks will reduce the pulses by 50% - 60%. SKYLINK dampener has TA (metal) and TP (plastic) series. SKYLINKdampener not only keep pulsing fluid, but also use very little compressed air.

The advantages of dampener

- Reduce the pulse and stabilize the voltage
- Reduce noise
- Improve the safety of pipeline
- Easy to install
- Provide a variety of fluid connection options to meet the requirements of various systems

Principle

The pipeline pulse is smoothed by changing the volume of the gas. For a system with sinusoidal flow rate, the volume of the chamber decreases at the peak, the pulsed dampener absorbs excess liquid, and the chamber enlarges at the trough, releasing the stored liquid, so as to achieve the effect of smoothing the pulse.

We strictly control every link of the production process, and all products are tested before they leave the factory, in order to ensure that every dampener is up to standard, better and customer expectations for Skylink products.



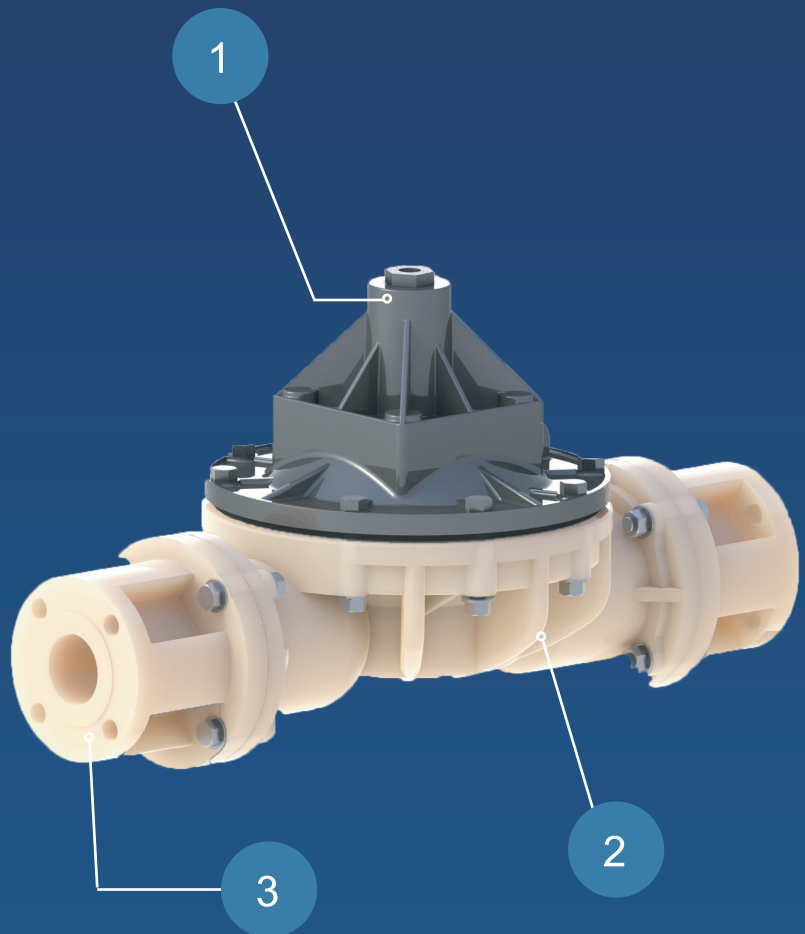
Specialist in fluid transfer

TP (Plastics) Series Suitable for Acid-base Environment

Products

TP Series Dampener

- 1 The materials of gas chamber
 - Aluminum Alloy
 - Stainless Steel
- 2 The materials of outer chamber
 - Polypropylene
 - PVDF
- 3 The types of connection
 - Flange
 - Thread
- 4 Size
 - 0.5inch , 1inch, 1.5inch, 2inch, 2.5inch

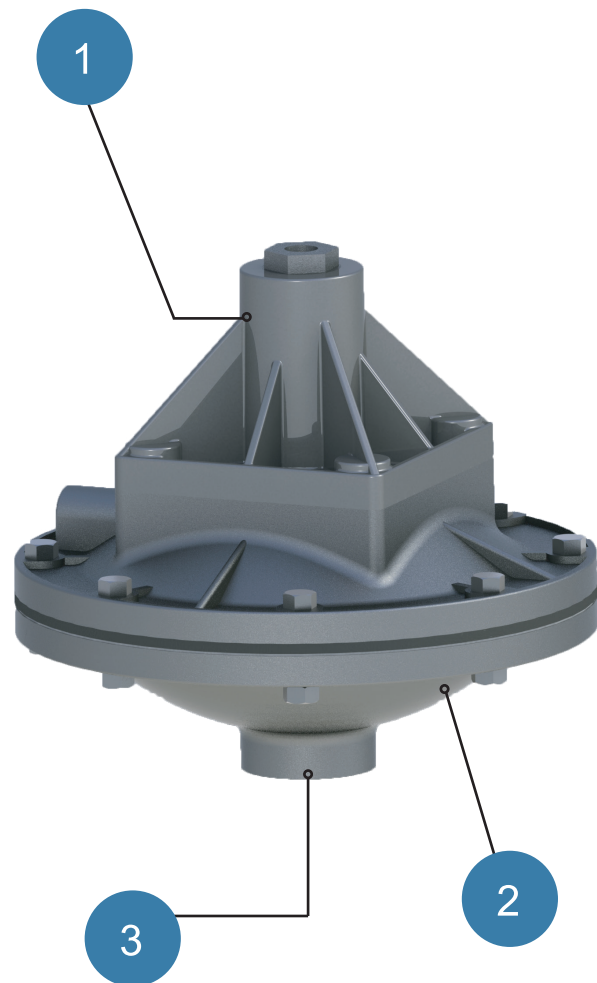


TA (Metal) Series Suitable for Weak Acid-Base and Wear Environment

products

TA Series Dampener

- 1 The materials of gas chamber
 - Aluminum Alloy
 - Stainless Steel
- 2 The materials of outer chamber
 - Polypropylene
 - PVDF
- 3 The types of connection
 - Flange
 - Thread
- 4 Size
 - 0.5inch , 1inch, 1.5inch, 2inch, 2.5inch



Warranty

Skylink provides one-year quality assurance service for Skylink distributors, OEM and users worldwide.

General Warranty Principle:

- Users follow the notes and maintenance instructions in Skylink Manual, and Skylink will provide quality warranty service for products if Skylink products are used normally.
- Skylink has the right to maintenance work for faulty products: return to Skylink Maintenance Office or repair at customer's Office.
- Vulnerable parts: such as air valves, diaphragms, etc. do not enjoy warranty services.
- Skylink is not liable for any loss caused by improper use by its customers.

You can ask Skylink or local distributors for operating manuals and selection software.

You can also find the information you need from our website www.skylink-tec.com.

For other requirements, please contact us at info@skylink-tec.com.



Order Information

Type description of Dampener

Items	1	2		3	4	5		6
Model	TA	50	—	P	A	ET	—	OB0

1 Series

TA	Metal Series
TP	Plastic Series

2 Size

15	1/2"
25	1"
40	1-1/2"
50	2"
65	2-1/2"
80	3"

3 Materials of Outer Chamber

P	Polypropylene
K	PVDF
S	Stainless Steel
I	Carbon Steel

4 Material of Gas Chamber

A	Aluminium alloy
S	Stainless Steel
I	Carbon Steel

5 Material of Diaphragm

NE	Neoprene
EE	Santoprene
ET	PTFE/Santoprene
BN	Nitrile Rubber
NT	PTFE/Nitrile Rubber
VE	fluororubber

6 Other

OB0	BSPT Connection
DFO	DIN Flange Connection
AFO	ANSI Flange Connection
JFO	JIS Flange Connection
OHO	NPT Connection

Skylink dampener’s model consists of six letters, including product type, size, material, type of inlet and outlet

For example, "TP50-PAET-OBO":
2-inch plastic series dampener, the outer chamber is polypropylene, the chamber material is aluminum alloy, the diaphragm is Teflon and santoprene, BSPT interface.

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The product is manufactured under ISO9001 certified quality system.

Subject to modification without prior notice due to continuous product improvement.

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