



fluimac
p u m p s o l u t i o n

Made in Italy



GENERAL CATALOGUE





Fluimac born from the experience and professionalism of the people who compose it. The knowledge made it possible to transform the available resources and specializations, to promote an advanced product and be able to answer to various customers' needs. People and product differentiation are the basis of our offer. Fluimac, in fact, is able to ensure, comprehensively and fast, technical support and assistance.



An innovative, young and dynamic company, with a newly developed product. the big experience in this field, of Fluimac's people, is the starting point and foundation of its business.

The organization of warehouse and assembly/testing department, allows the company to give short delivery times, immediate verification of availability and fast service assistance.



A quality company facing the international market, equipped with innovative products, able to provide adequate flexibility, fast delivery and after sales service.

Phoenix Food

New range of double diaphragm pumps for food and cosmetics industry.



The air-operated double diaphragm pumps series FOOD Phoenix, thanks to their structural characteristics, can be used to pump products used in food and cosmetics industry.

The air-operated double diaphragm pumps series Phoenix FOOD, are made with FDA certified construction materials.

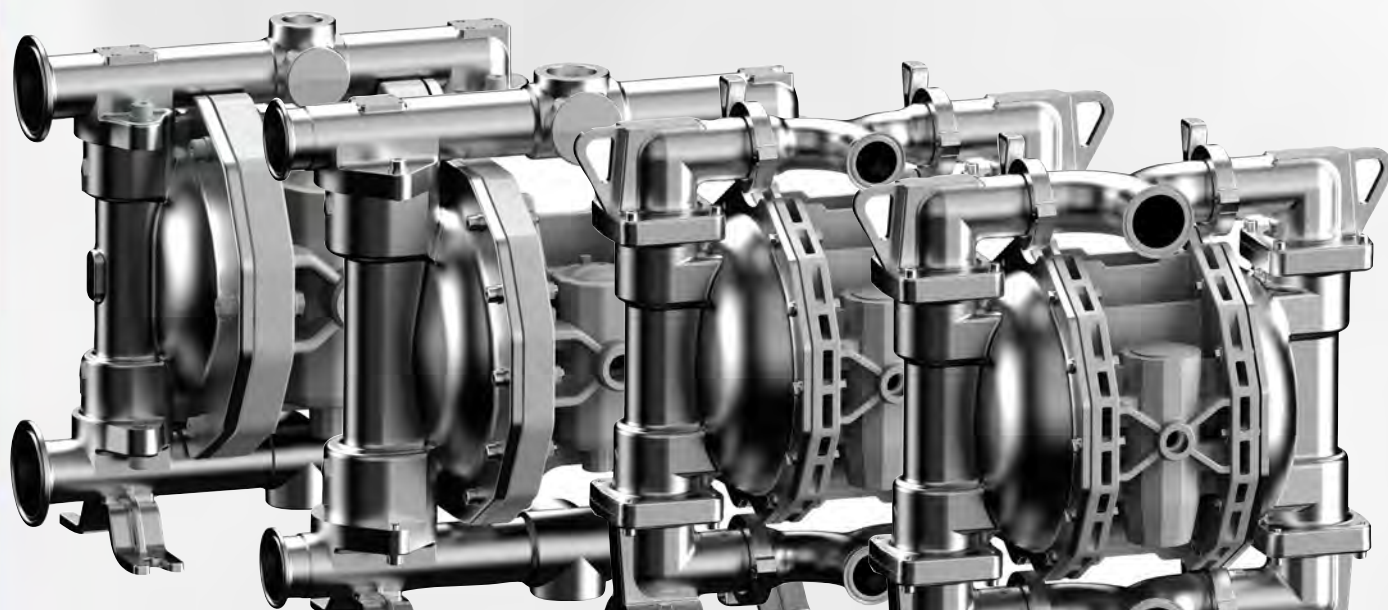
The parts in contact with the fluid, in fact, are exclusively electro-polished AISI 316 and PTFE, both certified for food use.

These pumps are able to handling fluids with very high viscosity and temperature up to 95° C.

MAIN FEATURES

- . Construction's materials: Electro-polished AISI 316, medium roughness is 2,7µm.
- . Self-priming up to 6m
- . Unlimited dry running
- . Anti-stall pneumatic circuit , easy to maintain
- . Possibility to adjust: flow-rate, head and speed
- . Various installations and configurations
- . ATEX certifications for Zone 1 and 2 in all versions
- . Air-discharge's cover with connections for various uses
- . Suction and delivery connection with CLAMP

FDA
compliant



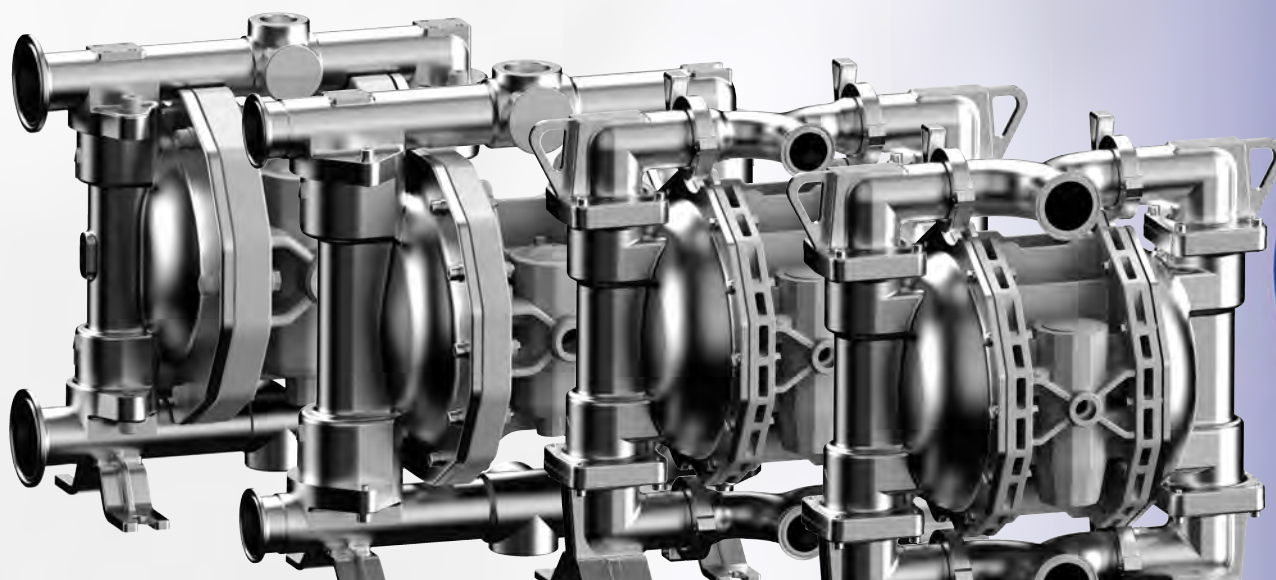


FDA
compliant

- a delivery manifold
- b suction manifold
- c astable air exchanger
- d pumping chamber
- e diaphragms
- f ball valve

PUMPS COMPOSITION

Pump Model	Pump Body	Air Diaphragm	Fluid Diaphragm	Balls	Ball Seats	O-Rings	Connections	Atex Version
PF100 PF160 PF500 PF700	S - ELECTROPOLISHED AISI 316	H - Hytrel	T - PTFE	T - PTFE S - SS AISI 316	S - SS AISI 316	T - PTFE	1 - BSP threaded 2 - Flanged 3 - Clamp	X Atex

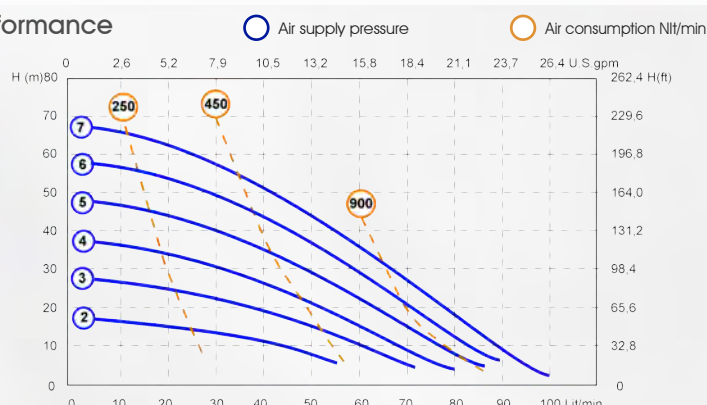


PF100 **FDA** compliant

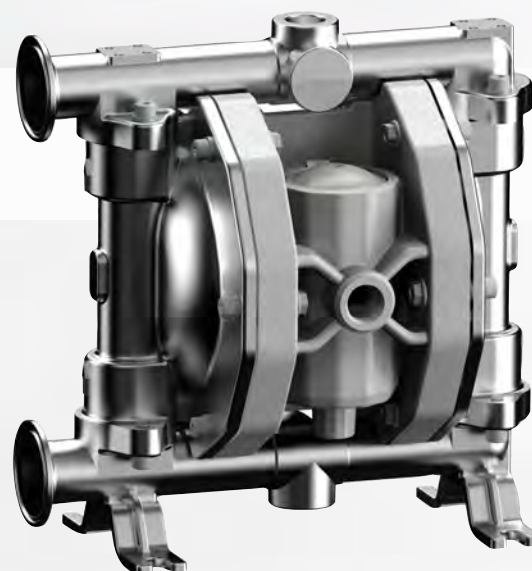
Technical data

Connections	CLAMP da 1"	Air connection	3/8" BSP
Max flow rate	100 l/min	Max self priming capacity	6 m
Max head	70 m	Diameter of passing solids	3,5 mm
Max pressure	7 bar		

Performance

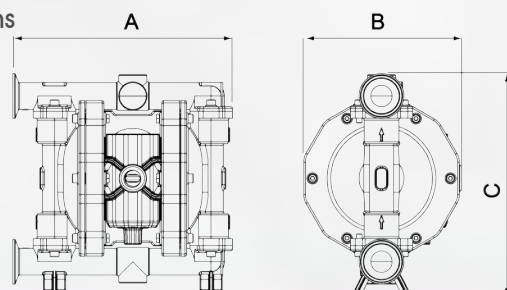


* The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.



Electropolished AISI 316

Dimensions



AISI 316

A (mm)	250
B (mm)	175
C (mm)	250
Weight (kg)	9
Max Temperature	95°

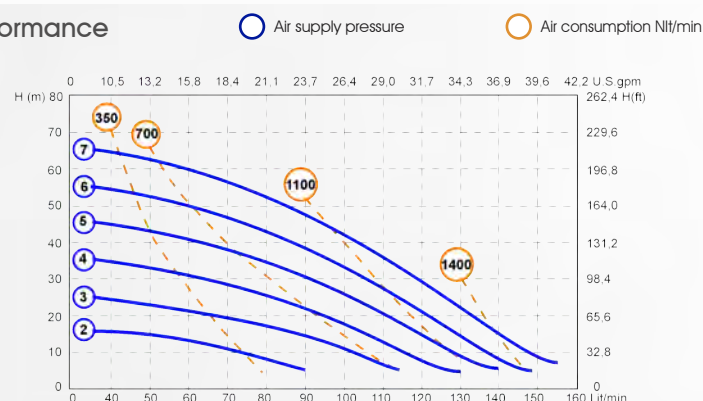
ISO-ANSI flanged connections on request

PF160 **FDA** compliant

Technical data

Connections	CLAMP da 1 1/2"	Air connection	1/2" BSP
Max flow rate	160 l/min	Max self priming capacity	6 m
Max head	70 m	Diameter of passing solids	7,5 mm
Max pressure	7 bar		

Performance

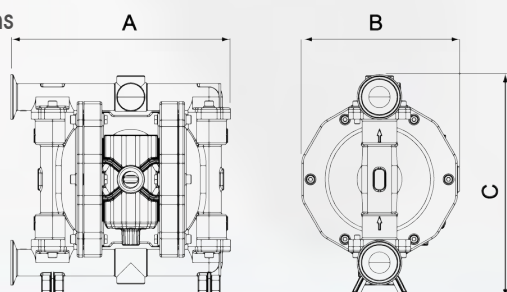


* The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.



Electropolished AISI 316

Dimensions



AISI 316

A (mm)	360
B (mm)	220
C (mm)	365
Weight (kg)	20
Max Temperature	95°

ISO-ANSI flanged connections on request

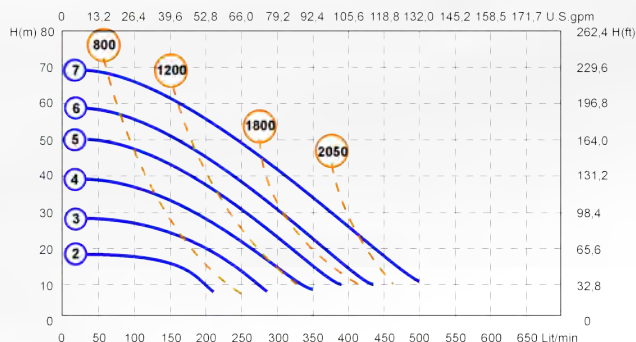
PF500 **FDA** compliant

Technical data

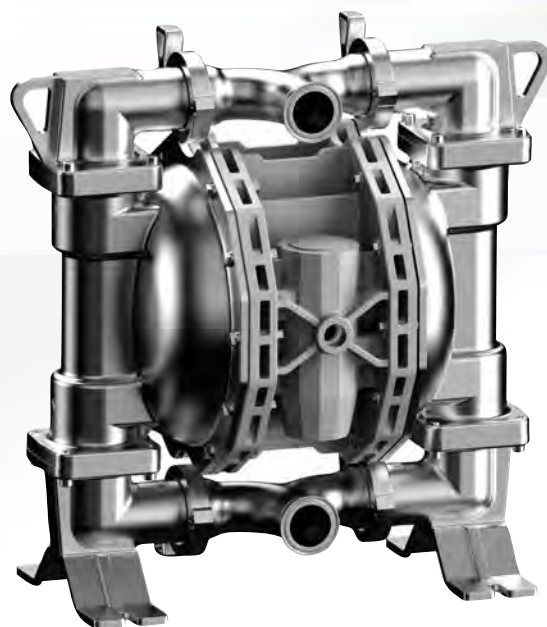
Connections	CLAMP da 2"	Air connection	3/4" BSP
Max flow rate	500 l/min	Max self priming capacity	6 m
Max head	70 m	Diameter of passing solids	8,5 mm
Max pressure	7 bar		

Performance

○ Air supply pressure ○ Air consumption Nlt/min

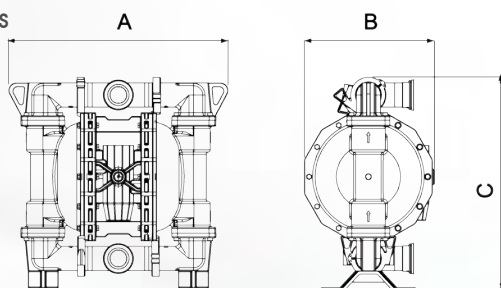


* The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.



Electropolished AISI 316

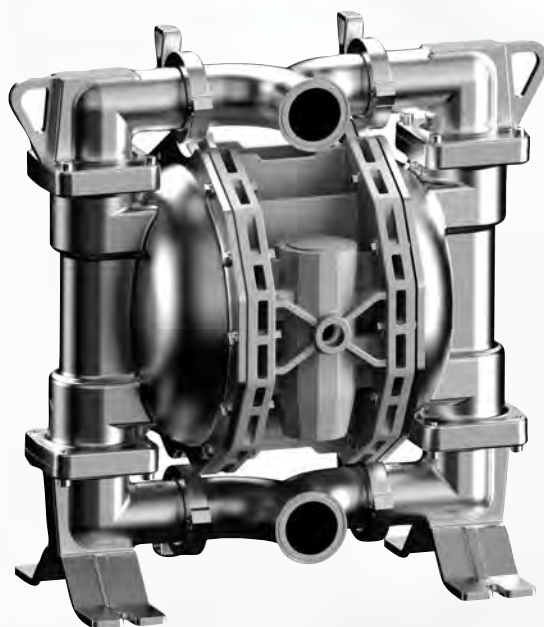
Dimensions



AISI 316

A (mm)	582
B (mm)	345
C (mm)	570
Weight (kg)	58
Max Temperature	95°

(*) Threaded connections on request



Electropolished AISI 316

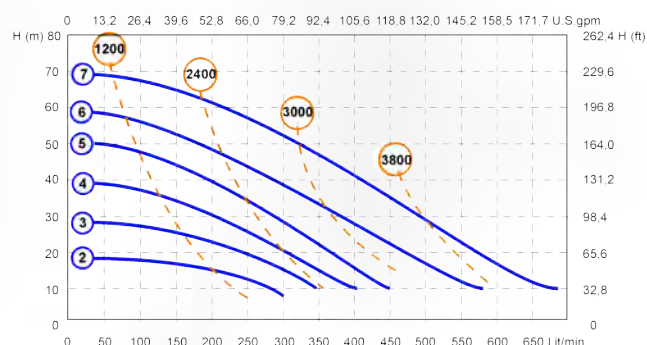
PF700 **FDA** compliant

Technical data

Connections	CLAMP da 2 1/2"	Air connection	3/4" BSP
Max flow rate	680 l/min	Max self priming capacity	6 m
Max head	70 m	Diameter of passing solids	8,5 mm
Max pressure	7 bar		

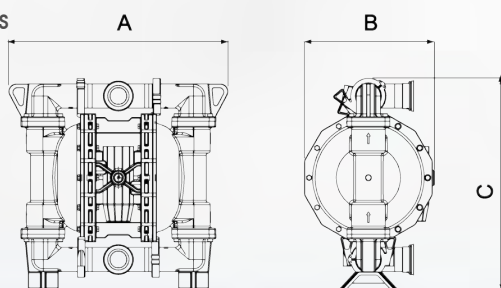
Performance

○ Air supply pressure ○ Air consumption Nlt/min



* The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.

Dimensions



AISI 316

A (mm)	582
B (mm)	345
C (mm)	570
Weight (kg)	60
Max Temperature	95°

(*) Threaded connections on request