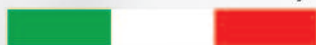




**fluimac**  
p u m p   s o l u t i o n

Made in Italy



GENERAL CATALOGUE





# fluimac

pump solution

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.



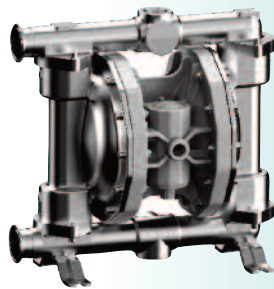
A quality company facing the international market, equipped with innovative products, able to provide adequate flexibility, fast delivery and after sales service.



PHOENIX  
from p. **4**



ACCESSORIES  
from p. **11**



PHOENIX FOOD  
from p. **12**



DAMPER  
from p. **16**



PERISTALTICHE  
from p. **18**



MIXERS  
from p. **19**



OTHER PUMPS  
from p. **22**

# Phoenix

## New range of air operated double diaphragm pumps.

The draft of the FLUIMAC's new double diaphragm pumps, it is mainly developed around the air distribution system, the diaphragm's high technology, the pumping chambers geometry and the valves system;

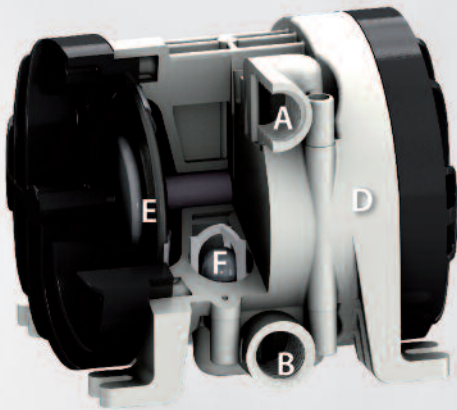
this in order to extend the functionality, not only for transfer but also for dosing.

The result is an innovative product with next-generation solutions.

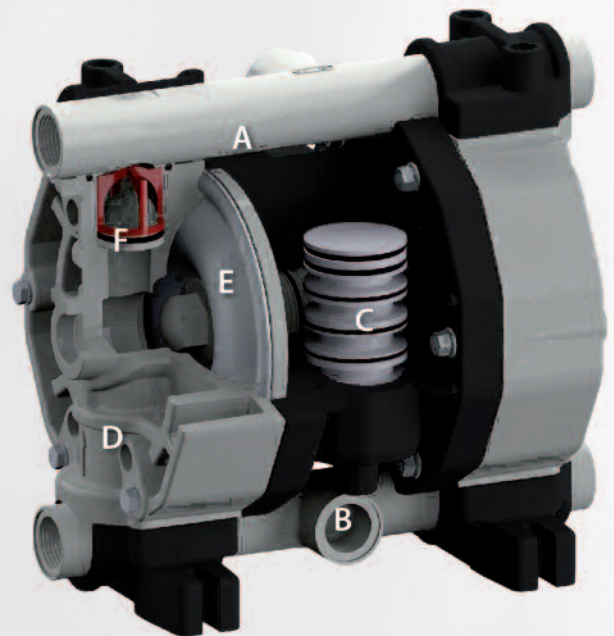
### MAIN FEATURES

- . construction's materials: PP,PVDF, AISI 316, ALUMINIUM
- . 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

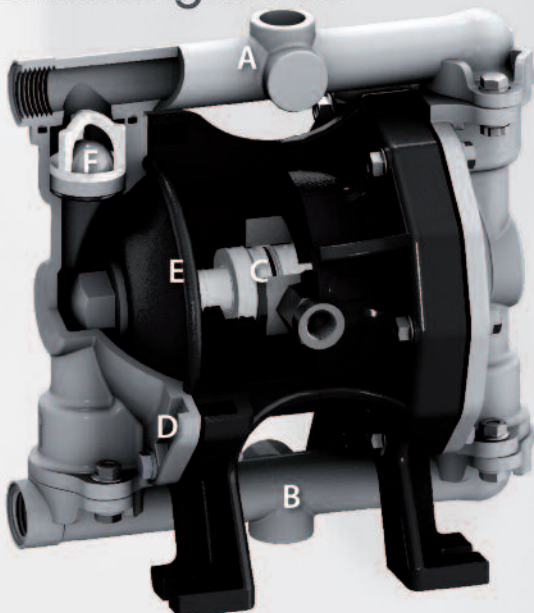
### Reverse flow pump P10 - P20 - P30



### External pneumatic exchanger P65 - P100 - P160 - P250 P500 - P700

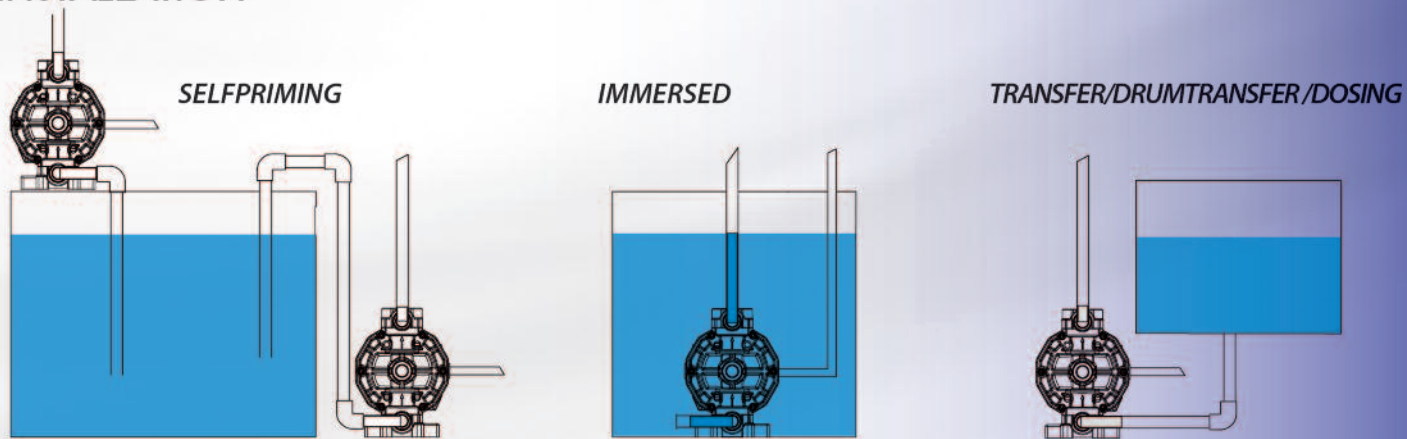


### Internal pneumatic exchanger P50

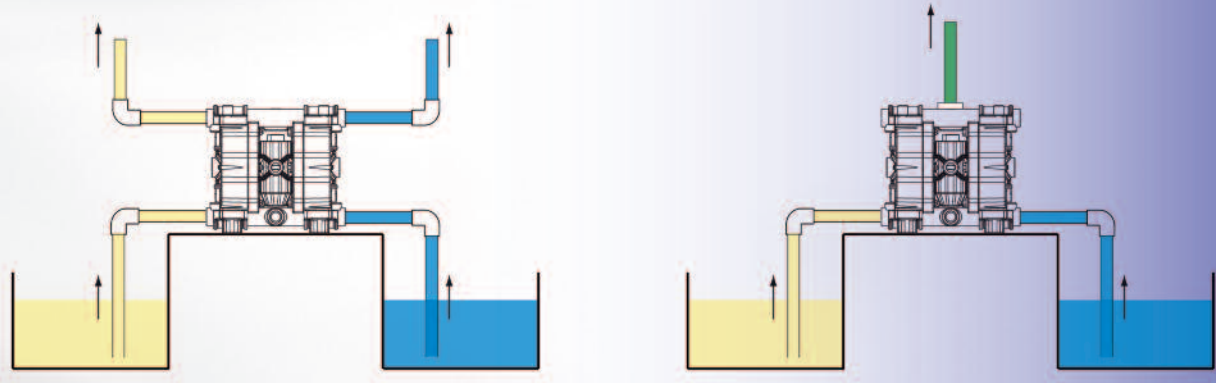


- a delivery manifold
- b suction manifold
- c stable air exchanger
- d pumping chamber
- e diaphragms
- f ball valve

# INSTALLATION

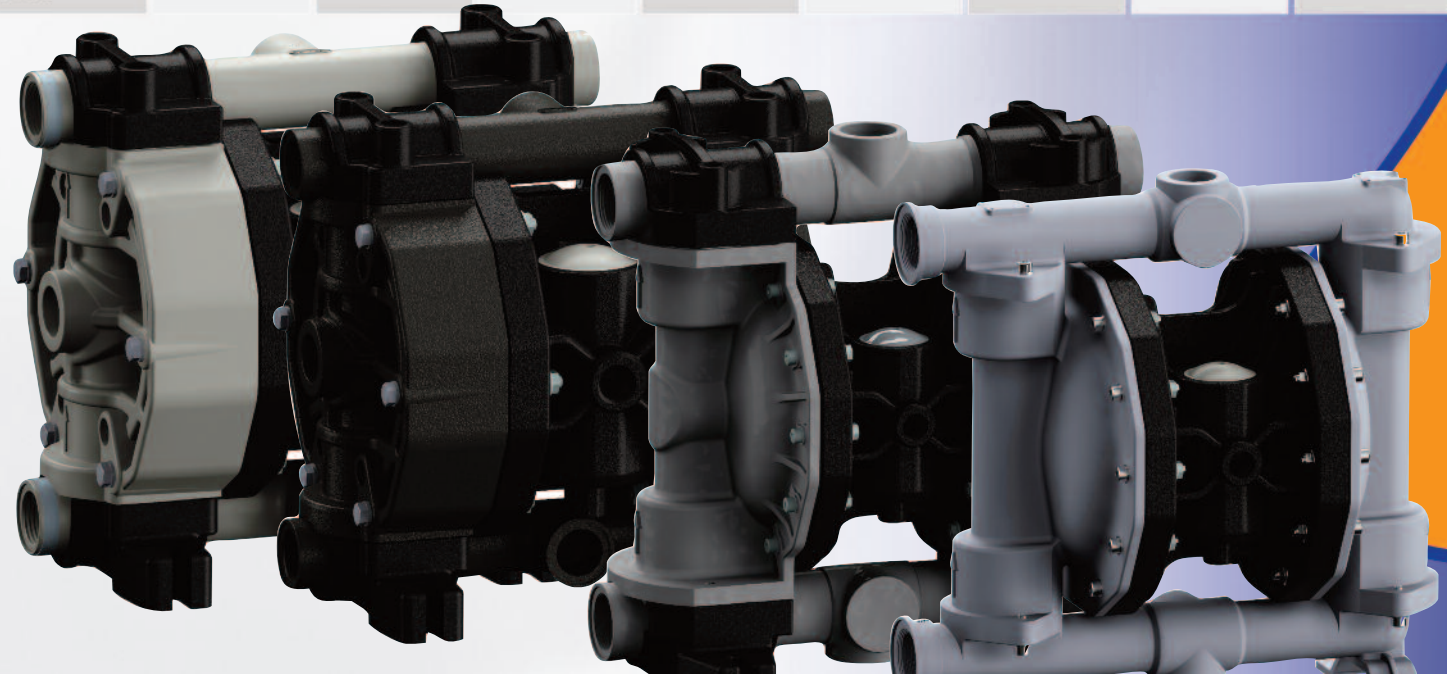


ON REQUEST: POSSIBILITY TO DOUBLE THE MANIFOLDS IN SUCTION AND IN DELIVERY



# PUMPS COMPOSITION

Pump Model	Pump Body	Air Diaphragm	Fluid Diaphragm	Balls	Ball Seats	O-Rings	Connections	Atex Version
P10	P - Polypropylene	H - Hytrel	T - PTFE	T - PTFE	P - Polypropylene	D - EPDM	1 - BSP threaded	X
P20	K - PVDF pure	M - Santoprene		S - SS AISI 316	K - PVDF Pure	V - FPM	2 - Flanged	Atex Zone 1
P30	A - Aluminum	D - EPDM		D - EPDM	S - SS AISI 316	T - PTFE	3 - Clamp	
P50	S - SS AISI 316	N - NBR		N - NBR	A - Aluminum	N - NBR	4 - Twin connection	
P65	O - Pom	U - Polyurethane			Z - PE-UHMW		5 - NPT threaded	
P100	KC - PVDF+CF							
P160	PC - PP+CF							
P250								
P500								
P700								

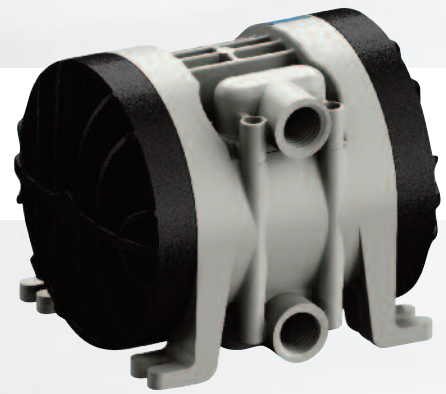
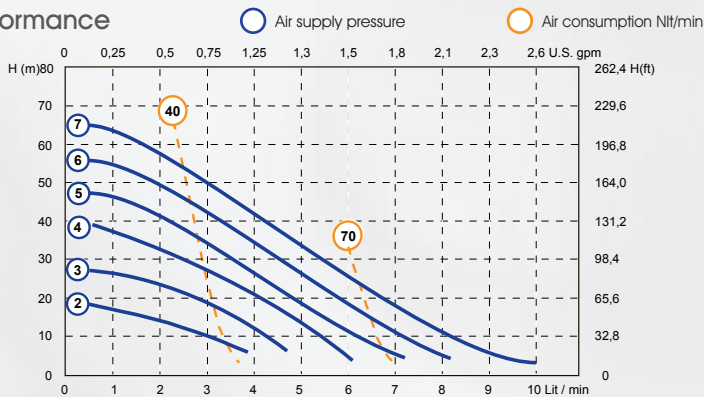


# P10

## Technical data

Connections	1/4" BSP	Air connection	1/4" BSP
Max flow rate	10 l/min	Max self priming capacity	5 m
Max head	70 m	Diameter of passing solids	3 mm
Max pressure	7 bar		

## Performance



PP



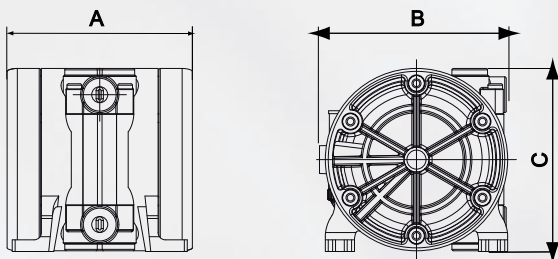
PVDF+CF



POM

\* 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



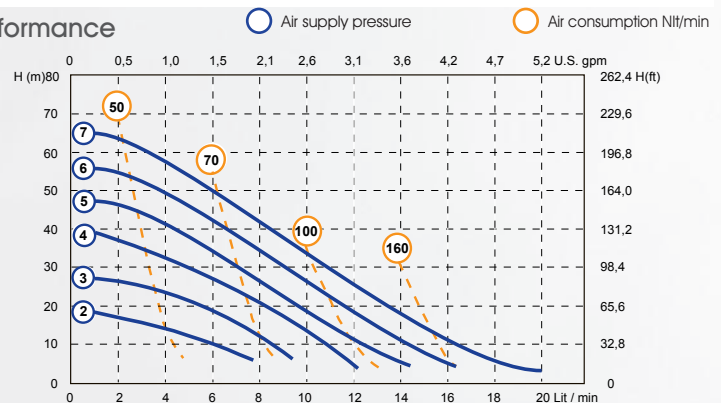
	PP	PVDF	POM
A (mm)	155	155	155
B (mm)	135	135	135
C (mm)	125	125	125
Weight (kg)	1	1.5	1.2
Max Temperature	65°	95°	95°

# P20

## Technical data

Connections	3/8" BSP	Air connection	1/4" BSP
Max flow rate	20 l/min	Max self priming capacity	6 m
Max head	70 m	Diameter of passing solids	3 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.

PP

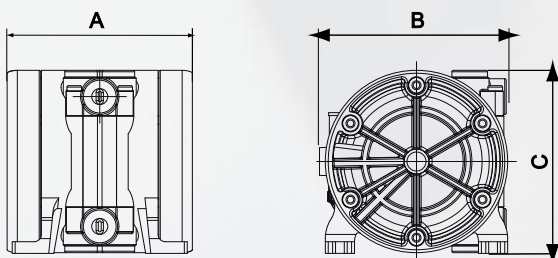


PVDF+CF



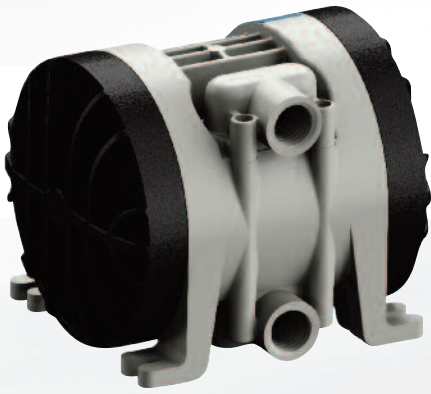
POM

## Dimensions



	PP	PVDF	POM
A (mm)	155	155	155
B (mm)	135	135	135
C (mm)	125	125	125
Weight (kg)	1	1.5	1.2
Max Temperature	65°	95°	95°

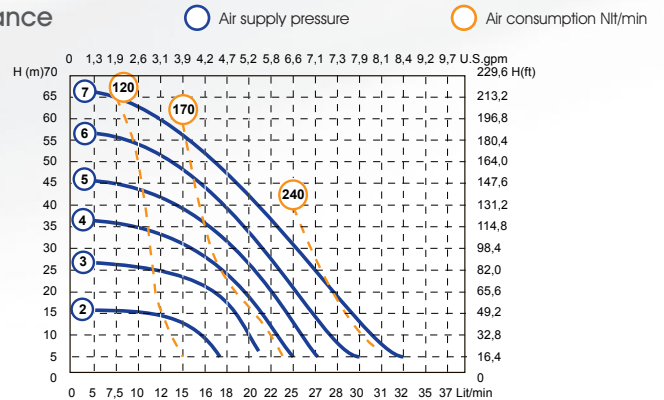
# P30



## Technical data

Connections	1/2" BSP	Air connection	1/4" BSP
Max flow rate	32 l/min	Max self priming capacity	5 m
Max head	70 m	Diameter of passing solids	3 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.

PP

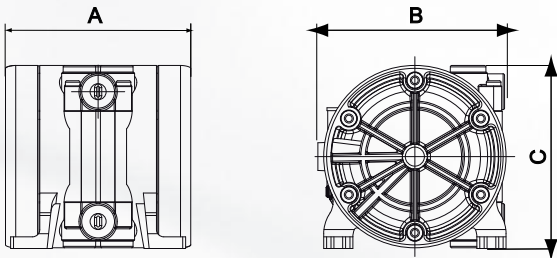


PVDF+CF



POM

## Dimensions



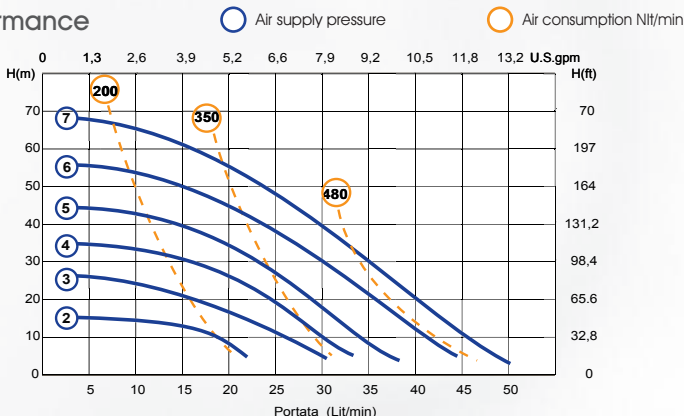
	PP	PVDF	POM
A (mm)	155	155	155
B (mm)	135	135	135
C (mm)	125	125	125
Weight (kg)	1	1.5	1.2
Max Temperature	65°	95°	95°

# P50

## Technical data

Connections	1/2" BSP	Air connection	1/4" BSP
Max flow rate	50 l/min	Max self priming capacity	6 m
Max head	70 m	Diameter of passing solids	3 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.



PP



PVDF+CF

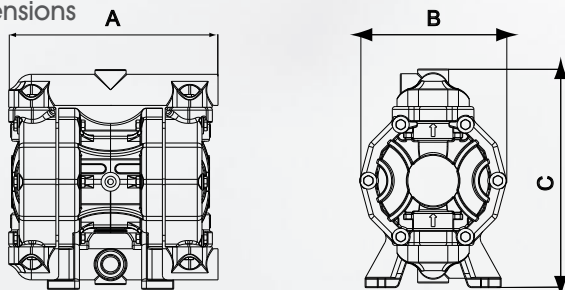


Alu



AISI 316

## Dimensions



	PP	PVDF	Alu	AISI 316
A (mm)	222	222	225	225
B (mm)	156	156	156	156
C (mm)	233	233	230	230
Weight (kg)	4	4,5	5	6
Max Temperature	65°	95°	95°	95°

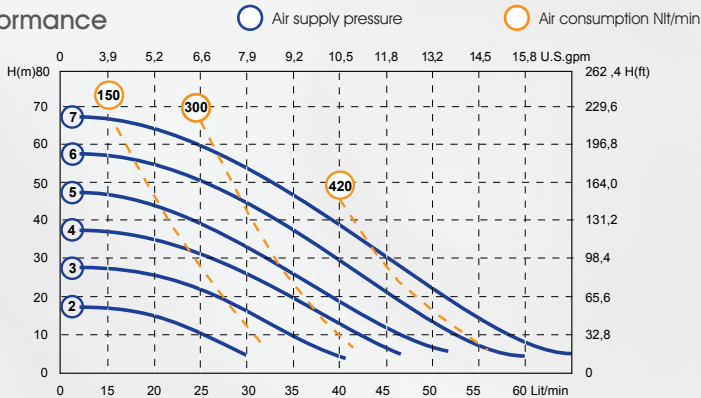
ISO-ANSI flanged connections on request

# P65

## Technical data

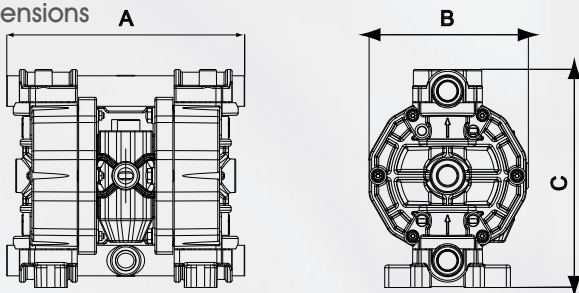
Connections	1/2" BSP	Air connection	1/2" BSP
Max flow rate	65 l/min	Max self priming capacity	6 m
Max head	70 m	Diameter of passing solids	3,5 mm
Max pressure	7 bar		

## 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.

## Dimensions



PP



PVDF+CF



Alu



AISI 316

	PP	PVDF	Alu	AISI 316
A (mm)	265	265	265	250
B (mm)	175	175	175	175
C (mm)	245	245	245	250
Weight (kg)	6,5	7	7	9
Max Temperature	65°	95°	95°	95°

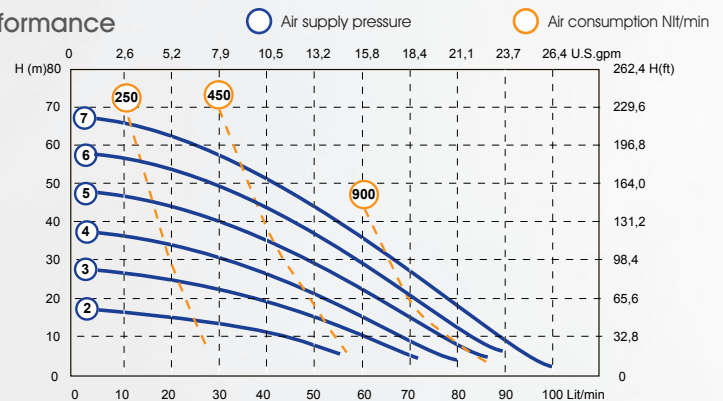
ISO-ANSI flanged connections on request

# P100

## Technical data

Connections	3/4" BSP	Air connection	1/2" 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.

PP



PVDF+CF

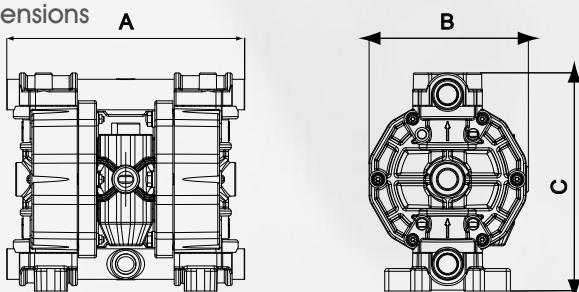


Alu



AISI 316

## Dimensions



	PP	PVDF	Alu	AISI 316
A (mm)	265	265	265	250
B (mm)	175	175	175	175
C (mm)	245	245	245	250
Weight (kg)	6,5	7	7	9
Max Temperature	65°	95°	95°	95°

ISO-ANSI flanged connections on request

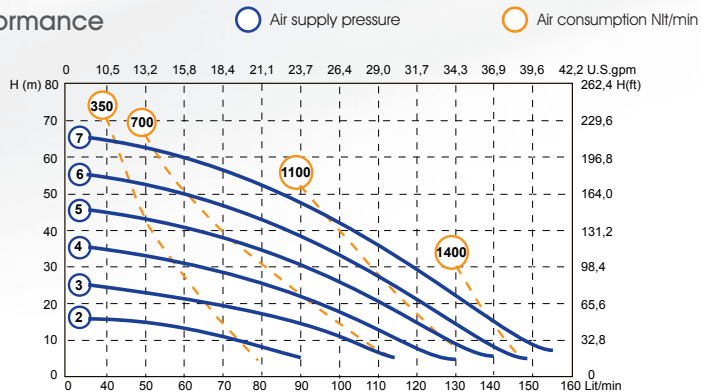
# P160



### Technical data

Connections	1" BSP	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

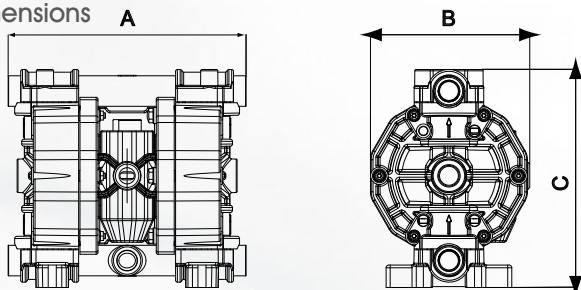


\* The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.



PP                      PVDF+CF                      Alu                      AISI 316

### Dimensions



	PP	PVDF	Alu	AISI 316
A (mm)	370	370	370	360
B (mm)	220	220	220	220
C (mm)	364	364	364	365
Weight (kg)	15	16	16	20
Max Temperature	65°	95°	95°	95°

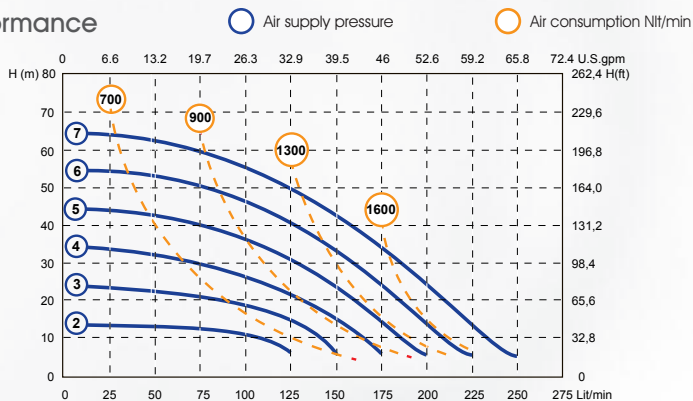
ISO-ANSI flanged connections on request

# P250

### Technical data

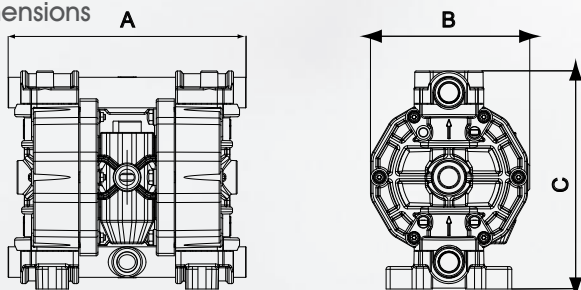
Connections	1 1/4" BSP	Air connection	1/2" BSP
Max flow rate	250 l/min	Max self priming capacity	6 m
Max head	70 m	Diameter of passing solids	7,5 mm
Max pressure	7 bar		

### 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.

### Dimensions



PP                      PVDF+CF                      Alu                      AISI 316

	PP	PVDF	Alu	AISI 316
A (mm)	370	370	370	360
B (mm)	220	220	220	220
C (mm)	364	364	364	365
Weight (kg)	15	16	16	20
Max Temperature	65°	95°	95°	95°

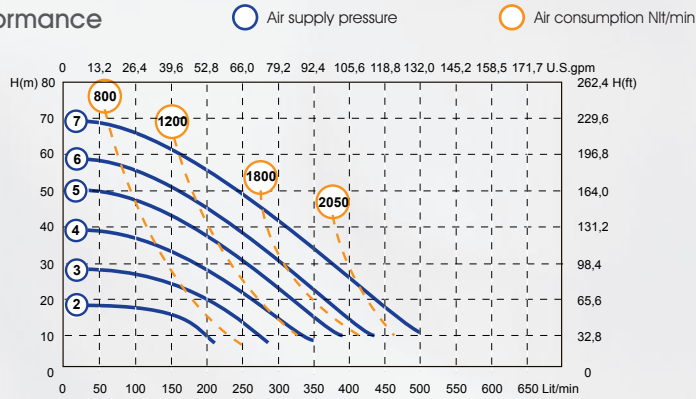
ISO-ANSI flanged connections on request

# P500

## Technical data

Connections	DN40 (1 1/2" BSP)*	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



\* 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.



PP



PVDF+CF

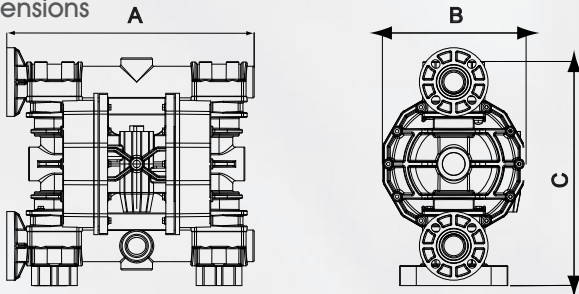


Alu



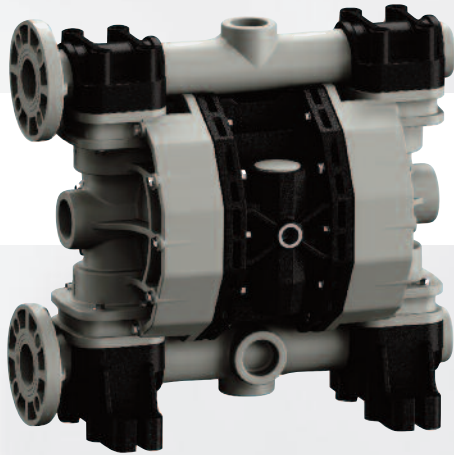
AISI 316

## Dimensions



	PP	PVDF	Alu	AISI 316
A (mm)	595	595	595	582
B (mm)	340	340	340	345
C (mm)	565	565	245	570
Weight (kg)	30	30	35	58
Max Temperature	65°	95°	95°	95°

(\*) Threaded connections on request

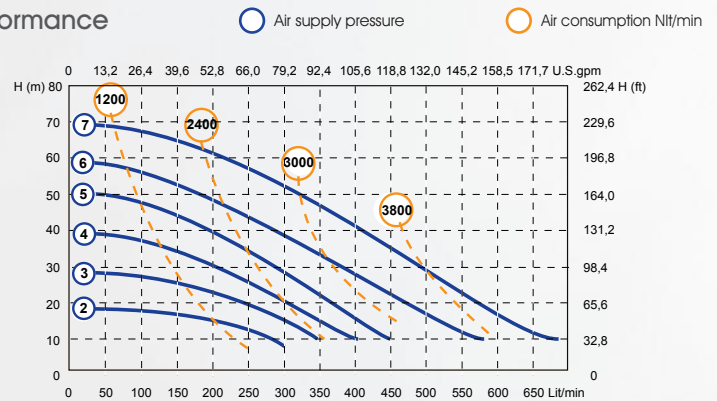


# P700

## Technical data

Connections	DN50 (2" BSP)*	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



\* 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.

PP



PVDF+CF

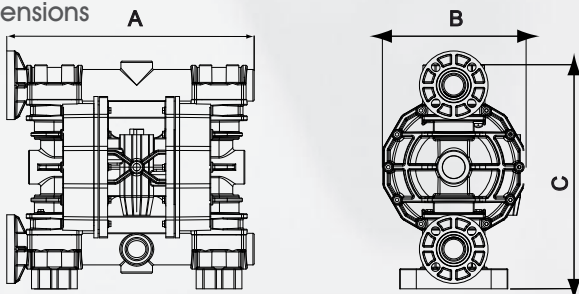


Alu



AISI 316

## Dimensions



	PP	PVDF	Alu	AISI 316
A (mm)	595	595	595	582
B (mm)	340	340	340	345
C (mm)	572	572	572	570
Weight (kg)	31	36	36	60
Max Temperature	65°	95°	95°	95°

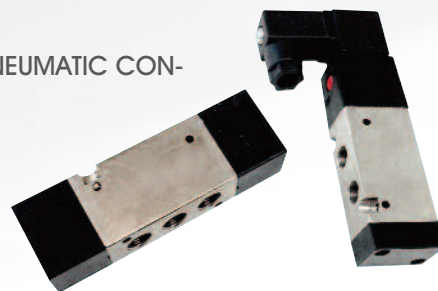
(\*) Threaded connections on request

# ACCESSORIES



AIR REGULATION KIT

ELECTRICAL AND PNEUMATIC CONTROL VALVES



PRESSURE SWITCH CYCLE COUNTER

FLANGE CONNECTION KIT



ELECTRICAL AND PNEUMATIC "START & STOP"



PP, PVDF, ALUMINIUM AND STAINLESS STEEL NOZZLE



INOX TROLLEY



ANTI VIBRATION FEET KIT



VALVES, FITTINGS AND CONNECTIONS IN PP, PVC, INOX



HOSE IN PVC REINFORCED, HOSE WITH PTFE OR PE INTERNAL



# 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.

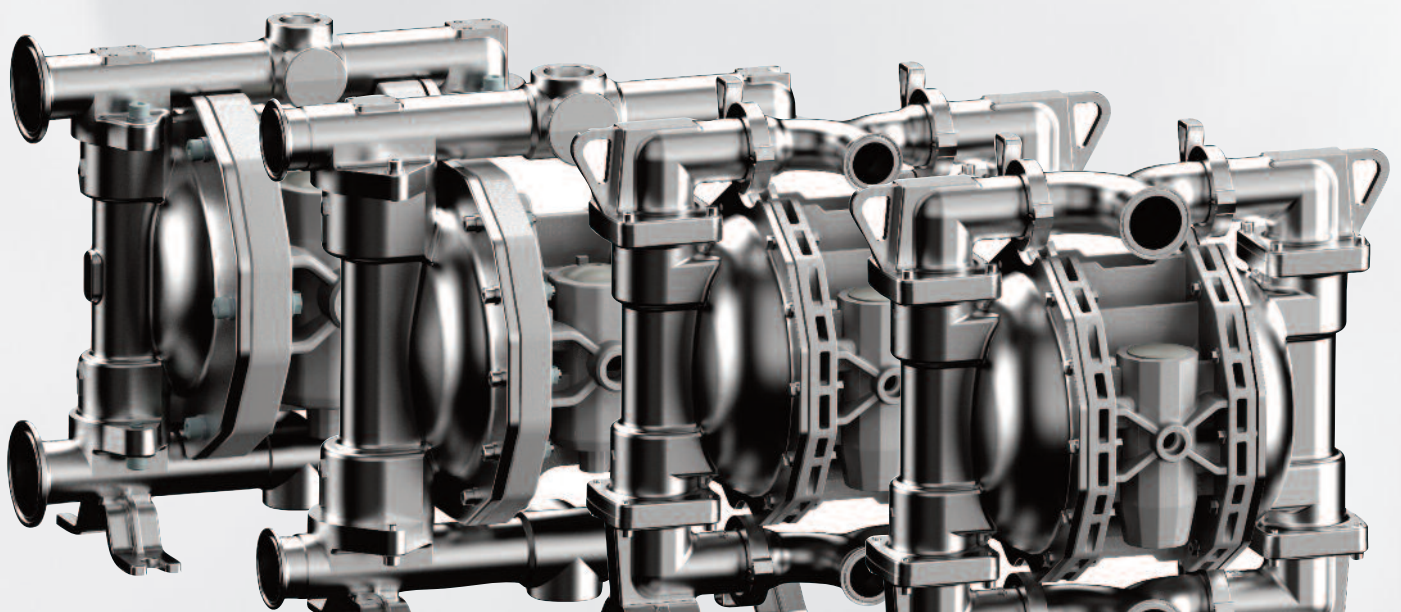
The parts in contact with the fluid, in fact, are exclusively electro-polished AISI 316 and PTFE, both certified for food use.

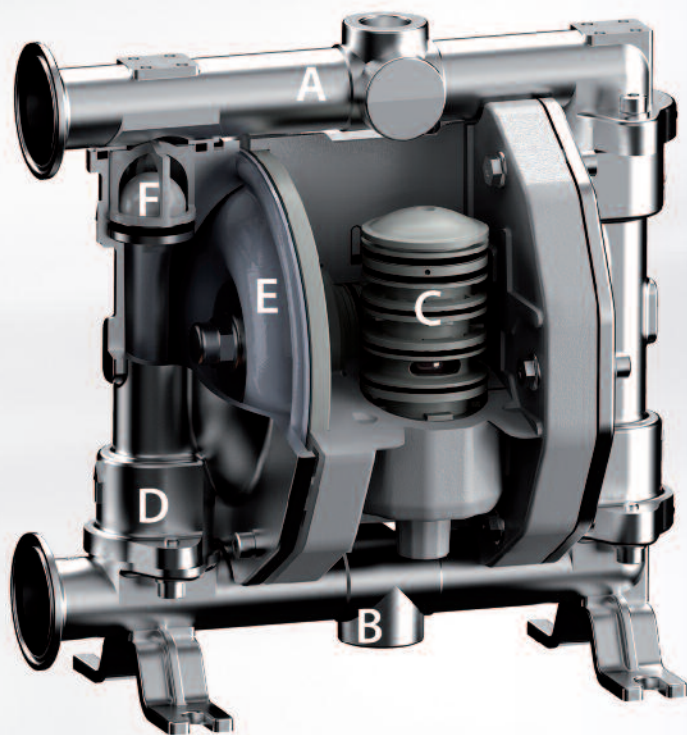
These pumps are able to handling fluids with very high viscosity and temperature up to 95° C.

## 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 stable air exchanger
- d pumping chamber
- e diaphragms
- f ball valve

## PUMPS COMPOSITION

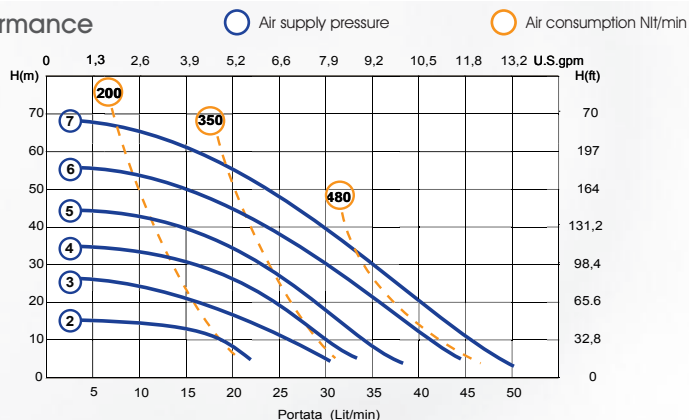
Pump Model	Pump Body	Air Diaphragm	Fluid Diaphragm	Balls	Ball Seats	O-Rings	Connections	Atex Version
PF50 PF100 PF160 PF500 PF700	S - ELECTROPOLISHED AISI 316	H - Hytrel	T - PTFE	T - PTFE S - SS AISI 316	S - SS AISI 316	T - PTFE	1 - BSP threaded 2 - Flanged 3 - Clamp	X Atex

## PF50 FDA compliant

### Technical data

Connections	CLAMP da 1"	Air connection	1/4" BSP
Max flow rate	50 l/min	Max self priming capacity	6 m
Max head	70 m	Diameter of passing solids	3 mm
Max pressure	7 bar		

### Performance

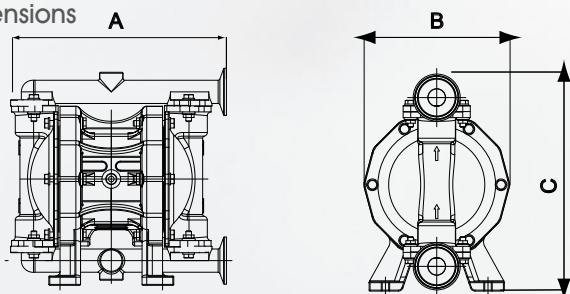


\* The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.



### AISI 316 Elettrolucidato

### Dimensions



#### AISI 316

A (mm)	225
B (mm)	156
C (mm)	230
Weight (kg)	6
Max Temperature	95°

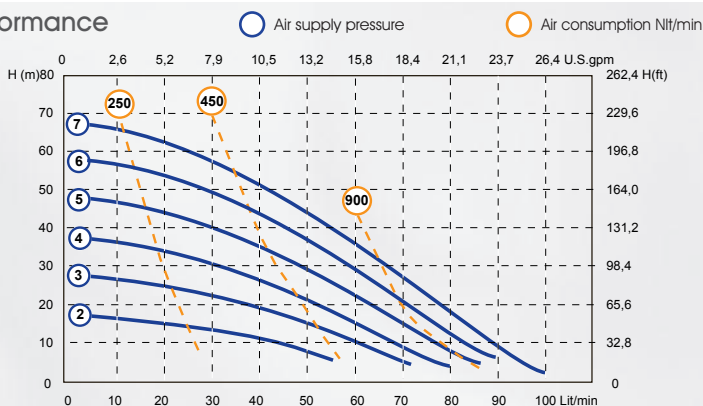
(\*) Threaded connections on request

# PF100 **FDA** compliant

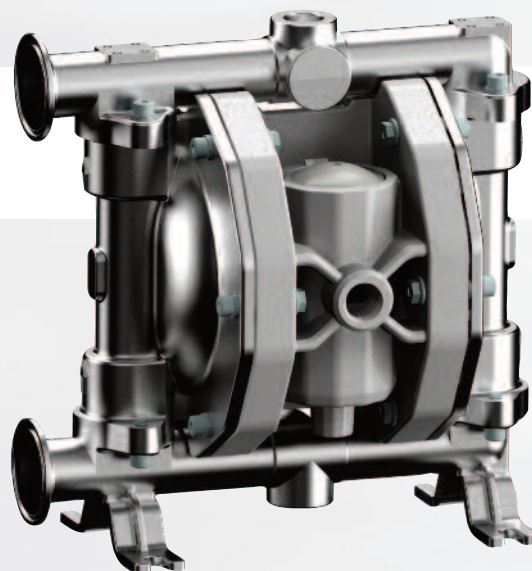
## Technical data

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

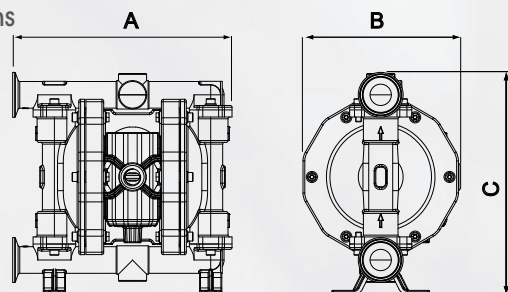


\* The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.



Electropolished AISI 316

## Dimensions



	AISI 316
A (mm)	250
B (mm)	175
C (mm)	250
Weight (kg)	9
Max Temperature	95°

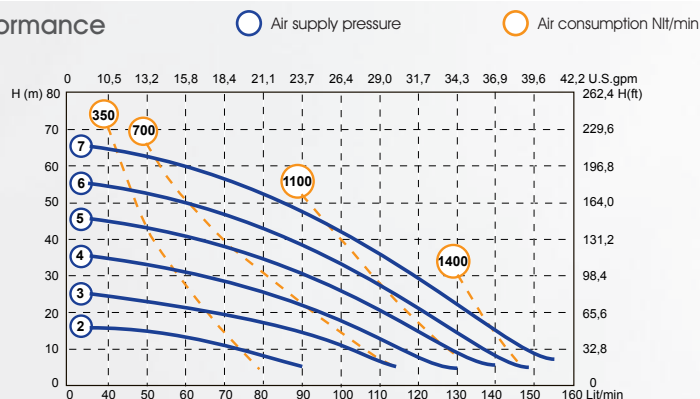
ISO-ANSI flanged connections on request

# PF160 **FDA** compliant

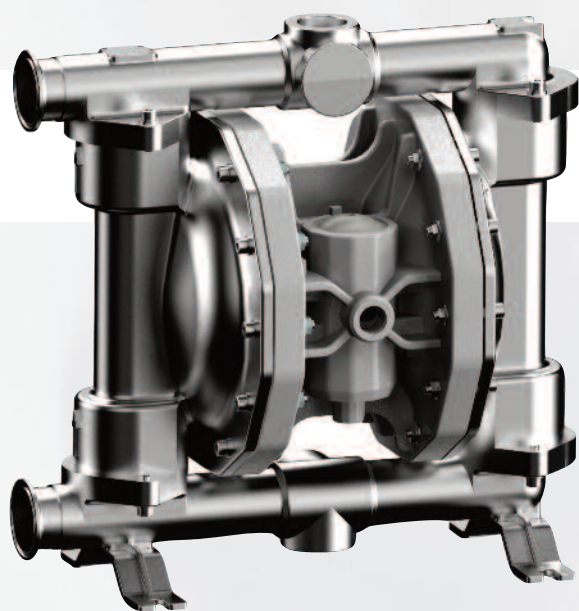
## Technical data

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

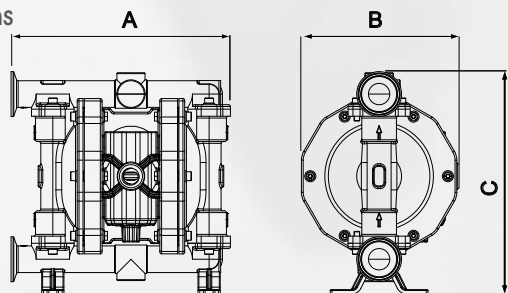


\* The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.



Electropolished AISI 316

## Dimensions



	AISI 316
A (mm)	360
B (mm)	220
C (mm)	365
Weight (kg)	20
Max Temperature	95°

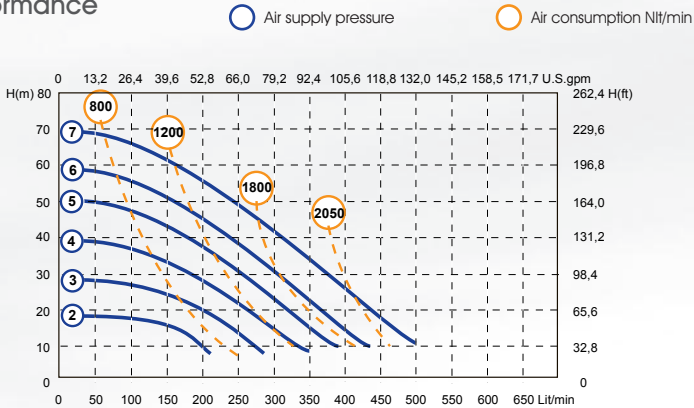
ISO-ANSI flanged connections on request

# PF500 **FDA** compliant

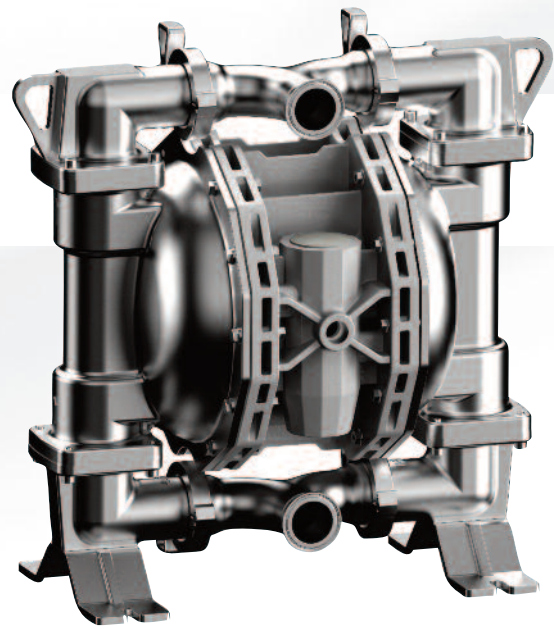
## Technical data

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

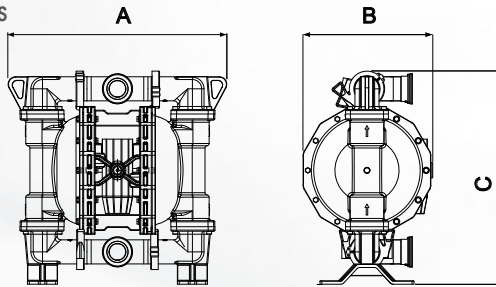


\* The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.



Electropolished AISI 316

## Dimensions



### AISI 316

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

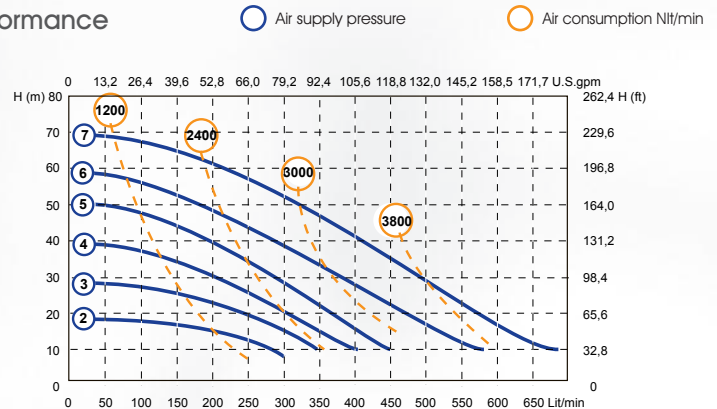
(\* Threaded connections on request)

# PF700 **FDA** compliant

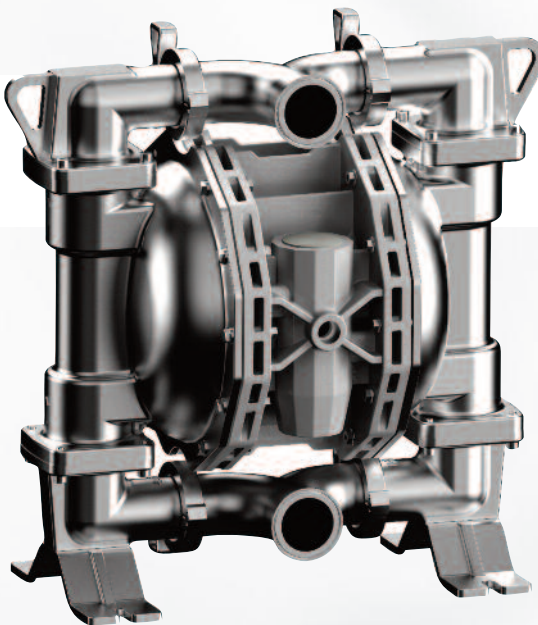
## Technical data

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

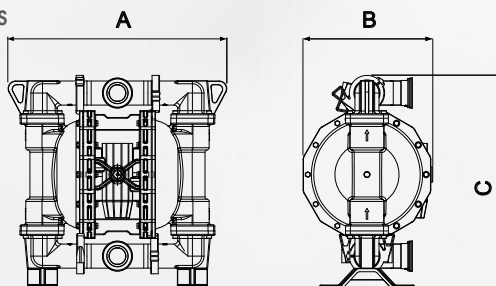


\* The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.



Electropolished AISI 316

## Dimensions



### AISI 316

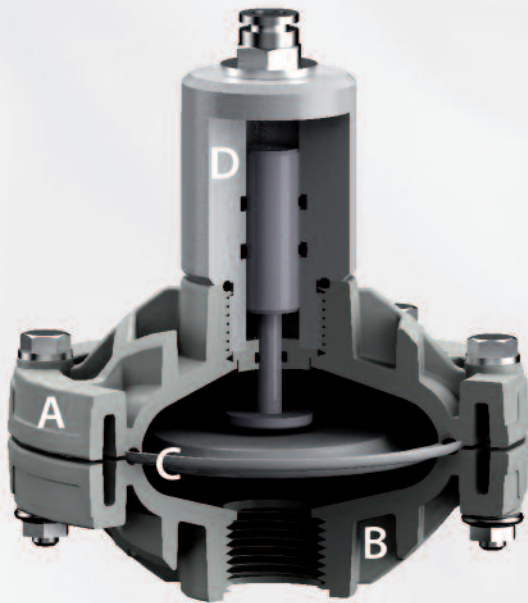
A (mm)	582
B (mm)	345
C (mm)	570
Weight (kg)	60
Max Temperature	95°

(\* Threaded connections on request)

# DAMPER

## New range of pneumatic pulsation dampener.

The new range of pneumatic pulsation dampener series DAMPER was developed with a new technology, which guarantees an optimal solution to minimize the pulsation effect of the flow. The high damping capacity can be up to 90%. The pulsation dampeners series DAMPER, not require adjustment or pre-loading, but it adapt to the fluid curve, automatically. The DAMPERs, mounted on the delivery of double diaphragm pumps, drastically reduce the pulsation, the hammerings and the vibrations of the pump.

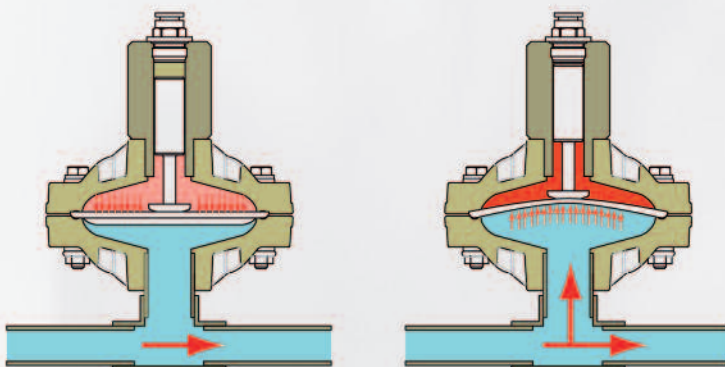


### MAIN FEATURES

- . Construction's materials: Polypropylene, PVDF, Aluminium, AISI 316.
- . Automatically, not need pre-loading.
- . Unlimited dry running
- . Various installations and configurations
- . ATEX certifications for Zone 1 and 2 in all versions
- . Easy to maintain

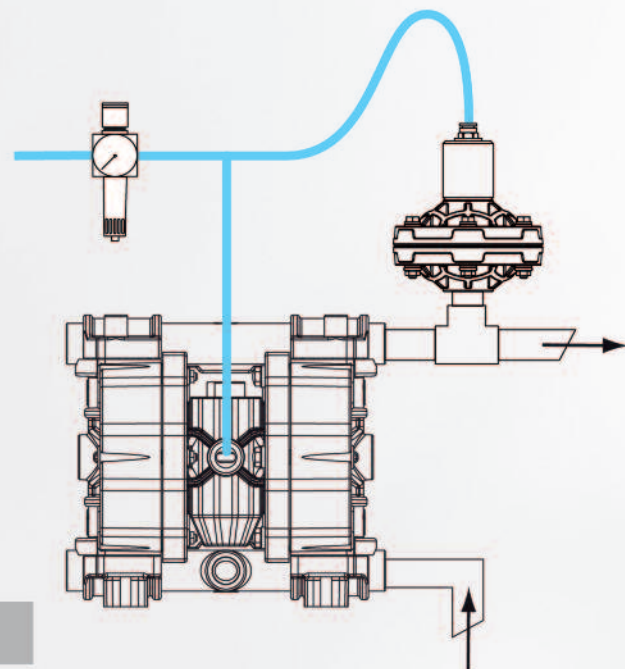
- A AIR BODY
- B FLUID BODY
- C DIAPHRAGM
- D CONTROL VALVE

### FUNCTION



Pulsating fluid passes trough the dampener which drives the control valve, which moves the diaphragm aligning the flow out

### INSTALLATION



### DAMPER COMPOSITION

Damper Model	Damper Body	Air Diaphragm	Fluid Diaphragm	Atex Version
D020	P - Polypropylene	H - Hytel	T - PTFE	X ATEX ZONA 1
D025	KC - PVDF+Cf	M - Santoprene		
D040	S - SS AISI 316			
D050	A - Aluminum			
	O - Pom c			

# DAMPER 20

Pneumatic pulsation dampener for pumps: P10-P20-P30

## Dati

Connections  
ir connection      3/4"      Max pressure      7 bar  
6 mm



PVDF



POM c



AISI



PP

# DAMPER 25

Pneumatic pulsation dampener for pumps: P50-P65-P100

## Dati

Connections  
ir connection      1"      Max pressure      7 bar  
8 mm



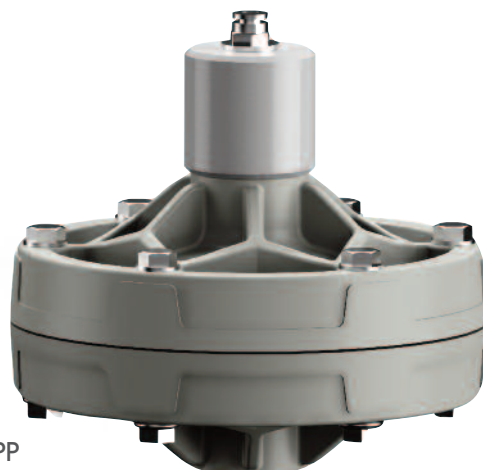
PVDF



POM c



AISI



PP

# DAMPER 40

Pneumatic pulsation dampener for pumps: P160 - P250

## Dati

Connections  
ir connection      1 1/2"      Max pressure      7 bar  
10 mm



PVDF



POM c



AISI



PP

# DAMPER 50

Pneumatic pulsation dampener for pumps: P500-P700

## Dati

Connections  
ir connection      2"      Max pressure      7 bar  
10 mm



PVDF



Alu



AISI



PP

# PERISTALTIC PUMP

## MP SERIES

The peristaltic pumps's operation is obtained through a "flow pressure" which acts on a flexible hose; this pressure is exercised by some rollers, assembled on a support, which turn parallel to the axis. The slow rotary motion of the roller support is trasmitted by a two or three steps gearmotor at 35,86 or 114 rpm, equipped with a MEC -56 motor 0,09Kw with 1450 rpm, continuous service.



The mechanical parts are machined on a lathe to obtain a high precision and individually calibrated during assembly and subsequent testing to distribute an uniform pressure on th hose ensuring a perfect self-priming and a longer life of the hose.

The NORTON hoses are extruded with high precision, in order to prevent the occlusion and the low volumetric yield.

Easy to clean and maintain. Max suction height: about 8 meters with a Ø 12.7 mm hose, and about 6 meters with a 15.9 mm hose. Max. pressure allowed for the hose: 1.4 Kg/cm<sup>2</sup>.

Max temperature: 60 ° C.

These pumps are able to pump viscous liquids with particles in suspension, without suffering any damage. They hold the liquid in their passage, preventing the backflow of the liquid and the "siphon" effect. Possibility to working dry and reverse the rotation direction, the 35rpm speed is suitable for high viscous fluids (polyelectrolite), or liquid that you do not want to alterate.

MODEL	FLOW RATE LT/H	Kw / rpm	VOLTAGE	HOSE INT.Ø & THICKNESS	HOSE MATERIAL	WEIGHT KG.
MP-3035.6	16	0,09kw 35 rpm	230v o 230/400v	6,4 x 3,2	N/NA/TY	6
MP-3035.9	31	0,09kw 35 rpm	230v o 230/400v	9,5 x 3,2	N/NA/TY/PH	6
MP-3086.6	40	0,09kw 86 rpm	230v o 230/400v	6,4 x 3,2	N/NA/TY	6
MP-3086.9	78	0,09kw 86 rpm	230v o 230/400v	9,5 x 3,2	N/NA/TY/PH	6
MP-3118.6	56	0,09kw 118 rpm	230v o 230/400v	6,4 x 3,2	N/NA/TY	6
MP-3118.9	103	0,09kw 118 rpm	230v o 230/400v	9,5 x 3,2	N/NA/TY/PH	6

MODEL	FLOW RATE LT/H	Kw / rpm	VOLTAGE	HOSE INT.Ø & THICKNESS	HOSE MATERIAL	WEIGHT KG.
MP-6035.9	40	0,09kw 35 rpm	230v o 230/400v	9,5 x 3,2	N/NA/TY/PH	7
MP-6035.12	70	0,09kw 35 rpm	230v o 230/400v	12,7 x 3,2	N/NA/TY	7
MP-6086.9	108	0,09kw 86 rpm	230v o 230/400v	9,5 x 3,2	N/NA/TY/PH	7
MP-6086.12	177	0,09kw 86 rpm	230v o 230/400v	12,7 x 3,2	N/NA/TY	7
MP-6118.9	134	0,09kw 118 rpm	230v o 230/400v	9,5 x 3,2	N/NA/TY/PH	7
MP-6118.12	226	0,09kw 118 rpm	230v o 230/400v	12,7 x 3,2	N/NA/TY	7

MODEL	FLOW RATE LT/H	Kw / rpm	VOLTAGE	HOSE INT.Ø & THICKNESS	HOSE MATERIAL	WEIGHT KG.
MP-8035.12	101	0,09kw 35 rpm	230v o 230/400v	12,7 x 3,2	N/NA/TY	8
MP-8035.16	140	0,09kw 35 rpm	230v o 230/400v	15,9 x 3,2	N/NA	8
MP-8086.12	245	0,09kw 86 rpm	230v o 230/400v	12,7 x 3,2	N/NA/TY	8
MP-8086.16	364	0,09kw 86 rpm	230v o 230/400v	15,9 x 3,2	N/NA	8
MP-8118.12	352	0,09kw 118 rpm	230v o 230/400v	12,7 x 3,2	N/NA/TY	8
MP-8118.16	462	0,09kw 118 rpm	230v o 230/400v	15,9 x 3,2	N/NA	8

N=NORPRENE NA=FOOD NORPRENE TY=TYGON PH=PHARMED

# MIXERS

## Series E - EH

Mixers without support, in PP and PVDF for acids. With flange for tank application. Watertight, the seal in the upper part is obtained by ceramic fixed part joined to a "v" seal and by a coupling to a blind propeller part. Series E L. 600/800 mm can be used in cylindrical drums of 400lt max. Series E L. 1000/1200 mm can be used in cylindrical drums max 1000lt. EH series can be used in cylindrical drums max 3000lt.



MODEL	Kw	rpm	VOLTAGE	SHAFT LENGHT mm	SHAFT Ø mm	IMPELLER Ø mm	SHAFT & IMPELLER MATERIAL	WEIGHT kg
E-600-4	0,12	940	230v o 230/400v	600	21,5	125	PP	5
E-800-4	0,12	940	230v o 230/400v	800	21,5	125	PP	5,5
E-1000-4	0,25	940	230v o 230/400v	1000	21,5	140	PP	10,5
E-1200-4	0,25	940	230v o 230/400v	1200	21,5	140	PP	11
EH-1200-4	0,55	940	230v o 230/400v	1200	21,5	160	PP	14,5
EH-1400-4	0,55	940	230v o 230/400v	1400	21,5	160	PP	15

## Series "F"

Fixed Mixer with drive shaft and flange for tank-open or half closed application, these agitators are designed for the mixture of products with a viscosity not higher than 1500 cps. It can be used in cylindrical drums max 1000lt.



MODEL	Kw	rpm	VOLTAGE	SHAFT LENGHT mm	SHAFT Ø mm	IMPELLER Ø mm	SHAFT & IMPELLER MATERIAL	WEIGHT kg
F-0850-2	0,25	940	230v o 230/400v	850	20	120	AISI 316	10,5
F-1000-2	0,25	940	230v o 230/400v	1000	20	120	AISI 316	11
F-1200-2	0,25	940	230v o 230/400v	1200	20	120	AISI 316	11,5
F-85 S-35	0,25	940	230v o 230/400v	850	20	120	AISI 316	11
F-10 S-35	0,25	940	230v o 230/400v	1000	20	120	AISI 316	13
F-10 S-90	0,25	940	230v o 230/400v	1000	20	120	AISI 316	16
F-12 S-35	0,25	940	230v o 230/400v	1200	20	120	AISI 316	14
F-15 S-90	0,25	940	230v o 230/400v	1500	20	120	AISI 316	16

## Series "H"

Fixed Mixer with drive shaft and flange for tank-open or half closed application, these agitators are designed for the mixture of products with a viscosity not higher than 1500 cps. It can be used in cylindrical drums max 3000lt.

MODEL	Kw	rpm	VOLTAGE	SHAFT LENGHT mm	SHAFT Ø mm	IMPELLER Ø mm	SHAFT & IMPELLER MATERIAL	WEIGHT kg
H-10 S-35	0,55	940	230v o 230/400v	1000	20	160	AISI 316	16
H-10 S-90	0,55	940	230v o 230/400v	1000	20	160	AISI 316	20
H-12 S-35	0,55	940	230v o 230/400v	1200	20	160	AISI 316	17
H-12 S-110	0,55	940	230v o 230/400v	1200	20	160	AISI 316	21
H-15 S-90	0,55	940	230v o 230/400v	1500	20	160	AISI 316	21
H-15 S-140	0,55	940	230v o 230/400v	1500	20	160	AISI 316	24
H-18 S-170	0,55	940	230v o 230/400v	1800	20	160	AISI 316	26
H-20 S-190	0,55	940	230v o 230/400v	2000	20	160	AISI 316	27



## Series "J"

Fixed Mixer with drive shaft and flange for tank-open or half closed application, these agitators are designed for the mixture of products with a viscosity not higher than 1500 cps. It can be used in cylindrical drums max 5000lt.

MODEL	Kw	rpm	VOLTAGE	SHAFT LENGHT mm	SHAFT Ø mm	IMPELLER Ø mm	SHAFT & IMPELLER MATERIAL	WEIGHT kg
J-12 S-110	1,1	940	230v o 230/400v	1200	20	200	AISI 316	26,5
J-15 S-140	1,1	940	230v o 230/400v	1500	20	200	AISI 316	28
J-18 S-170	1,1	940	230v o 230/400v	1800	20	200	AISI 316	30
J-20 S-190	1,1	940	230v o 230/400v	2000	20	200	AISI 316	32



## Series "FR" with GEAR REDUCER

Fixed Mixer WITHOUT support for tank open or half closed application, these mixers are equipped with gear to 2 or 3 steps, for slower speed. It can mix Fluids very slowly, for example, fluids that do not have foam.

MODEL	Kw	rpm	VOLTAGE	SHAFT LENGHT mm	SHAFT Ø mm	IMPELLER Ø mm	SHAFT & IMPELLER MATERIAL	WEIGHT kg
FR-1000-12	0,09	118	230v o 230/400v	1000	20	160	AISI 316	8,5
FR-1200-12	0,09	118	230v o 230/400v	1200	20	200	AISI 316	9
FR-1000-86	0,09	86	230v o 230/400v	1000	20	200	AISI 316	8,5
FR-1200-86	0,09	86	230v o 230/400v	1200	20	200	AISI 316	9
FR-1000-35	0,09	35	230v o 230/400v	1000	20	600	AISI 316	8,5
FR-1200-35	0,09	35	230v o 230/400v	1200	20	600	AISI 316	9
FR-1000-12PP	0,09	118	230v o 230/400v	1000	20	160	PP	8,5
FR-1200-12PP	0,09	118	230v o 230/400v	1200	20	160	PP	9



## Series RV WITHOUT SUPPORT

Low speed mixer with crown gear and worm screw. The stainless steel AISI 316 shaft is coupled with a pin inside the hollow shaft of the agitator. With flange for open or semi-closed containers applications. Destined to the homogenizing and flocculation processes.

MODEL	Kw	rpm	VOLTAGE	SHAFT LENGTH mm	SHAFT Ø mm	IMPELLER Ø mm	SHAFT & IMPELLER MATERIAL	WEIGHT kg
RV-0850-20	0,18	193	230v o 230/400v	850	20	200	AISI 316	10
RV-0850-30	0,25	291	230v o 230/400v	850	20	200	AISI 316	11
RV-1000-05	0,25	49	230v o 230/400v	1000	20	600	AISI 316	11,5
RV-1000-20	0,18	193	230v o 230/400v	1000	20	200	AISI 316	10,5
RVF-1000-20	0,25	193	230v o 230/400v	1000	20	250	AISI 316	12,5
RV-1000-30	0,25	291	230v o 230/400v	1000	20	200	AISI 316	11,5
RVF-1000-30	0,37	291	230v o 230/400v	1000	20	250	AISI 316	12,5
RV-1200-05	0,25	49	230v o 230/400v	1200	20	600	AISI 316	12
RV-1200-20	0,18	193	230v o 230/400v	1200	20	200	AISI 316	11
RVF-1200-20	0,25	193	230v o 230/400v	1200	20	250	AISI 316	12,5
RV-1200-30	0,25	291	230v o 230/400v	1200	20	200	AISI 316	12
RVF-1200-30	0,37	291	230v o 230/400v	1200	20	250	AISI 316	13



## Series RV WITH SUPPORT

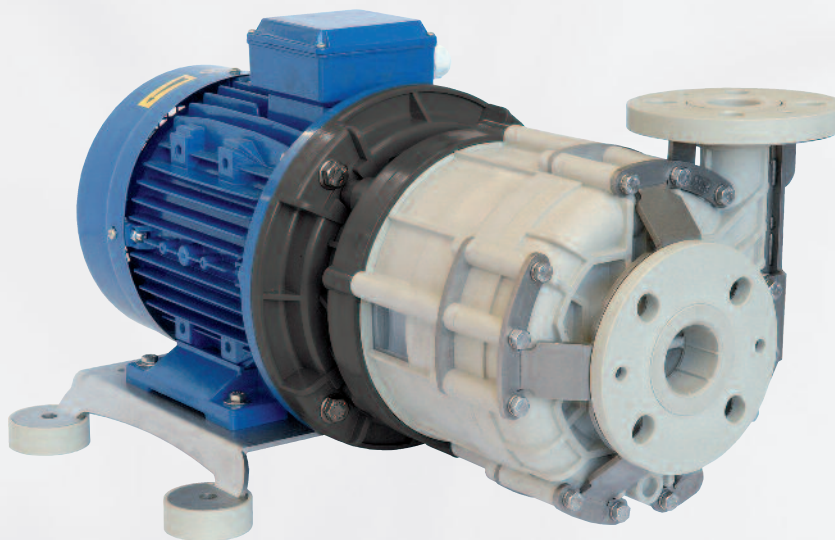
Low speed mixer with crown gear and worm screw. The stainless steel AISI 316 shaft is coupled with a pin inside the hollow shaft of the agitator. With flange for open or semi-closed containers applications. Destined to the homogenizing and flocculation processes.

MODEL	Kw	rpm	VOLTAGE	SHAFT LENGTH mm	SHAFT Ø mm	IMPELLER Ø mm	SHAFT & IMPELLER MATERIAL	WEIGHT kg
RV-12 S-35-05	0,25	49	230v o 230/400v	1200	20	600	AISI 316	14
RV-12 S-35-20	0,18	193	230v o 230/400v	1200	20	200	AISI 316	14,5
RVF-12 S-35-20	0,25	193	230v o 230/400v	1200	20	250	AISI 316	15,5
RV-12 S-35-30	0,25	291	230v o 230/400v	1200	20	200	AISI 316	13,5
RVF-12 S-35-30	0,37	291	230v o 230/400v	1200	20	250	AISI 316	14,5
RV-15 S-90-05	0,25	49	230v o 230/400v	1500	20	600	AISI 316	17,5
RV-15 S-90-20	0,37	193	230v o 230/400v	1500	20	200	AISI 316	16,5
RVF-15 S-90-20	0,25	193	230v o 230/400v	1500	20	250	AISI 316	17,5
RV-15 S-90-30	0,25	291	230v o 230/400v	1500	20	200	AISI 316	17,5
RVF-15 S-90-30	0,37	291	230v o 230/400v	1500	20	250	AISI 316	18,5

## CENTRIFUGAL PUMPS WITH MAGNETIC DRIVE



## CENTRIFUGAL PUMPS WITH MECHANICAL SEAL



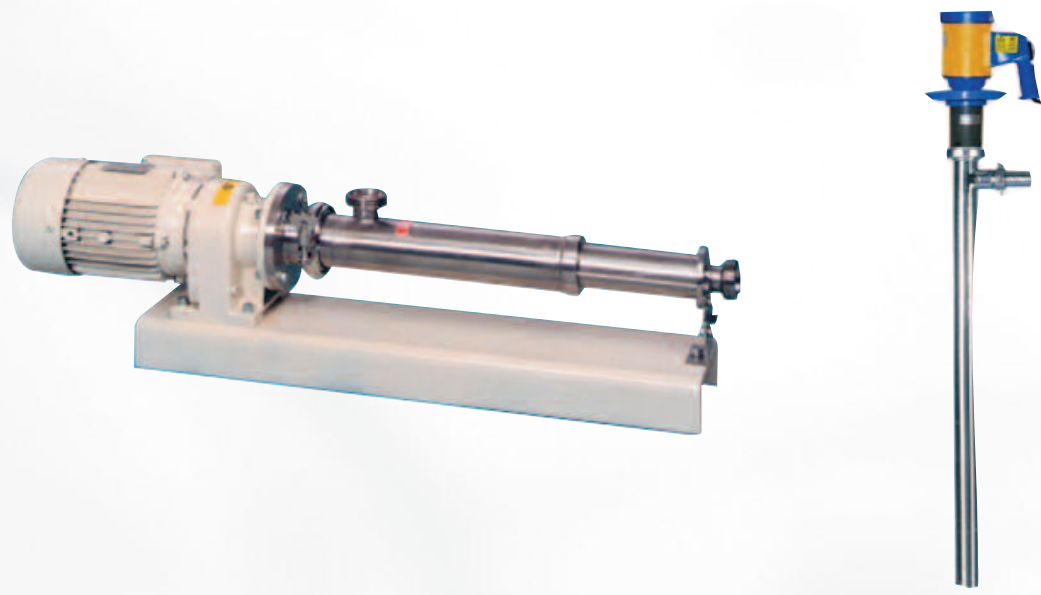
## VERTICAL CENTRIFUGAL PUMPS



# ELECTRICAL, PNEUMATIC, MANUAL DRUM PUMPS



# VERTICAL AND HORIZONTAL ECCENTRIC SCREW PUMPS



# OVAL GEAR FLOW-METER





**FLUIMAC S.r.l.**

Via delle Vigne, 35 (lotto B) - 21040, Venegono Inferiore VA  
Tel.: tel. 0331/866688 - Fax: 0331/864870  
[www.fluimac.com](http://www.fluimac.com) - [info@fluimac.com](mailto:info@fluimac.com)

2012