



# PHOENIX FOOD

Air operated double diaphragms pumps

Realized in:


SS AISI 316 electro-polished

Flow-rate from 20lt/min to 1.000 lt/min


Tri-Clamp Connection.

ATEX certification

Atex zone 2  II 3/3 G Ex h IIB T4 Gc

 II -/3 D Ex h IIIB T135°C Dc X

Atex zone I  II 2/2 G Ex h IIB T4 Gb

 II -/2 D Ex h IIIB T135°C Db X



<https://btstech.pl>  
+48 22 390 63 48  
[sklep@btstech.pl](mailto:sklep@btstech.pl)

# PF 18

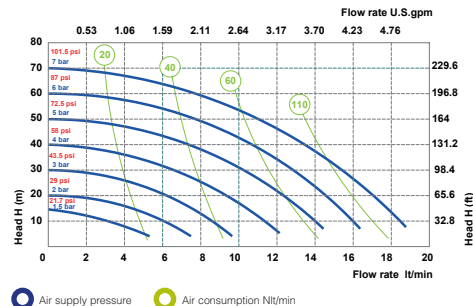
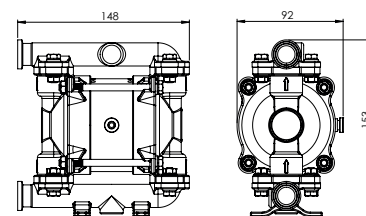


AISI 316 ELECTRO-POLISHED

Fluid connections	3/4" TRI-CLAMP
Air connection	6 mm
Max. Flow rate	20 lt/min
Max air pressure	7 bar
Max delivery head	70 m
Max Suction Lift Dry	5 m
Max Suction Lift Wet	9,8 m
Max Solid passing	2,5 mm
Noise level:	65 dB
Max Viscosity:	10.000 cps
Displacement per Stroke:	30 CC ~

**ATEX ZONE 2** certification as Standard and, on request, **ATEX ZONE 1**.

Displacement per stroke may vary based on suction condition, discharge head, air pressure and fluid type.



The curves and performance values refer to pumps with submerged suction and free delivery outlet, with water at 20°C. These data may vary according to the construction materials and hydraulic conditions.

**Net Weight**

2,3 Kg

**Temperature**

-20°C +95°C

MODEL	CASING	DIAPHRAGM	BALLS	SEATS	GASKET	CONNECTIONS	ATEX	PORTS
PF0018	S = SS POLISHED	HT = HYTREL+PTFE	T = PTFE S = SS	S = SS	T = PTFE	3 = TRI-CLAMP 1 = BSP 6 = DIN	- = zone 2 X = zone 1	AB = STANDARD

# PHOENIX FOOD 30

## TECHNICAL DATA

## PERFORMANCE

# PF 30

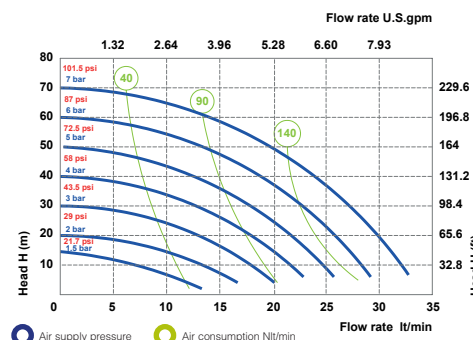
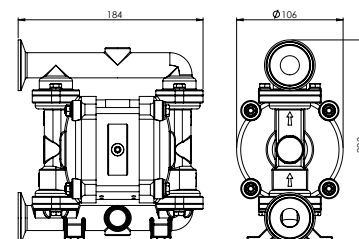


AISI 316 ELECTRO-POLISHED

Fluid connections	1" TRI-CLAMP
Air connection	6 mm
Max. Flow rate	35 lt/min
Max air pressure	7 bar
Max delivery head	70 m
Max Suction Lift Dry	5 m
Max Suction Lift Wet	9,8 m
Max Solid passing	3 mm
Noise level:	65 dB
Max Viscosity:	15.000 cps
Displacement per Stroke:	65 CC ~

**ATEX ZONE 2** certification as Standard and, on request, **ATEX ZONE 1**.

Displacement per stroke may vary based on suction condition, discharge head, air pressure and fluid type.



The curves and performance values refer to pumps with submerged suction and free delivery outlet, with water at 20°C. These data may vary according to the construction materials and hydraulic conditions.

**Net Weight**

3,8 Kg

**Temperature**

-20°C +95°C

MODEL	CASING	DIAPHRAGM	BALLS	SEATS	GASKET	CONNECTIONS	ATEX	PORTS
PF0030	S = SS POLISHED	HT = HYTREL+PTFE	T = PTFE S = SS	S = SS	T = PTFE	3 = TRI-CLAMP 1 = BSP 6 = DIN	- = zone 2 X = zone 1	AB = STANDARD

# PF 60

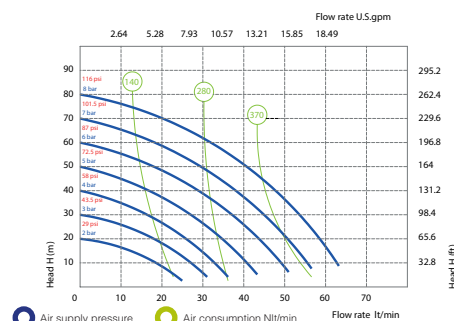
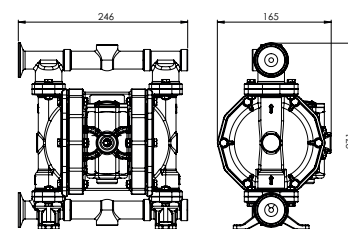


AISI 316 ELECTRO-POLISHED

Fluid connections	1" TRI-CLAMP
Air connection	1/4" BSP
Max. Flow rate	65 lt/min
Max air pressure	8 bar
Max delivery head	80 m
Max Suction Lift Dry	5 m
Max Suction Lift Wet	9,8 m
Max Solid passing	3,5 mm
Noise level:	72 dB
Max Viscosity:	20.000 cps
Displacement per Stroke:	140 CC ~

**ATEX ZONE 2** certification as Standard and, on request, **ATEX ZONE 1**.

Displacement per stroke may vary based on suction condition, discharge head, air pressure and fluid type.



The curves and performance values refer to pumps with submerged suction and free delivery outlet, with water at 20°C. These data may vary according to the construction materials and hydraulic conditions.

**Net Weight**

7,3 Kg

**Temperature**

-20°C +95°C

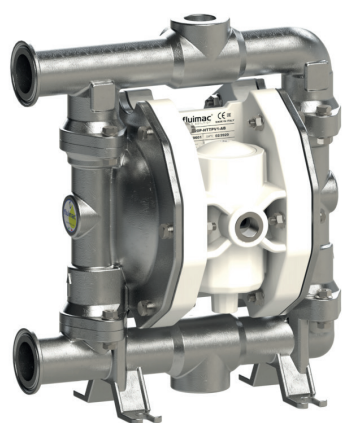
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PF0060	S = SS POLISHED	HT = HYTREL+PTFE	T = PTFE S = SS	S = SS	T = PTFE	3 = TRI-CLAMP 1 = BSP 6 = DIN	- = zone 2 X = zone 1	AB = STANDARD

# PHOENIX FOOD 120

## TECHNICAL DATA

## PERFORMANCE

# PF 120

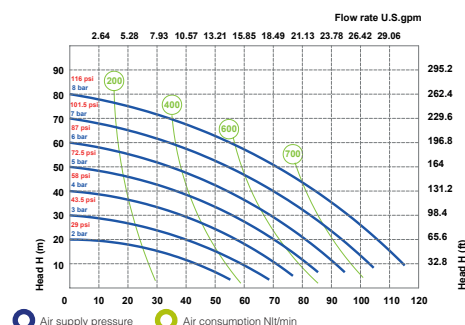
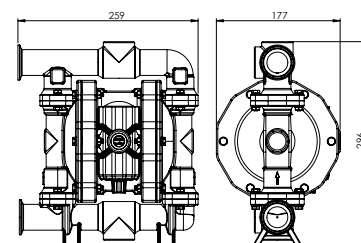


AISI 316 ELECTRO-POLISHED

Fluid connections	1"1/2" TRI-CLAMP
Air connection	3/8" BSP
Max. Flow rate	120 lt/min
Max air pressure	8 bar
Max delivery head	80 m
Max Suction Lift Dry	5 m
Max Suction Lift Wet	9,8 m
Max Solid passing	4 mm
Noise level:	72 dB
Max Viscosity:	25.000 cps
Displacement per Stroke:	200 CC ~

**ATEX ZONE 2** certification as Standard and, on request, **ATEX ZONE 1**.

Displacement per stroke may vary based on suction condition, discharge head, air pressure and fluid type.



The curves and performance values refer to pumps with submerged suction and free delivery outlet, with water at 20°C. These data may vary according to the construction materials and hydraulic conditions.

**Net Weight**

9,6 Kg

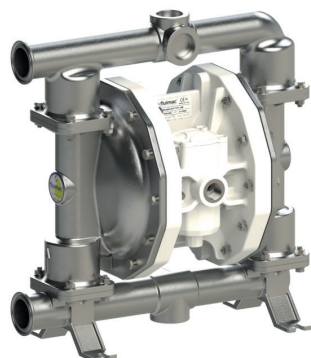
**Temperature**

-20°C +95°C

MODEL	CASING	DIAPHRAGM	BALLS	SEATS	GASKET	CONNECTIONS	ATEX	PORTS
PF0120	S = SS POLISHED	HT = HYTREL+PTFE	T = PTFE S = SS	S = SS	T = PTFE	3 = TRI-CLAMP 1 = BSP 6 = DIN	- = zone 2 X = zone 1	AB = STANDARD



# PF I70

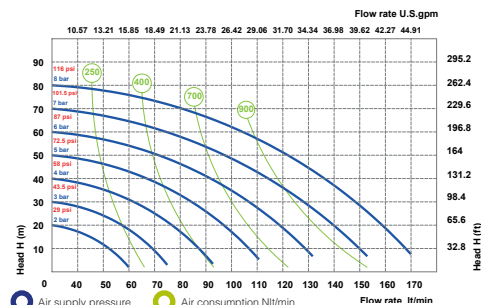
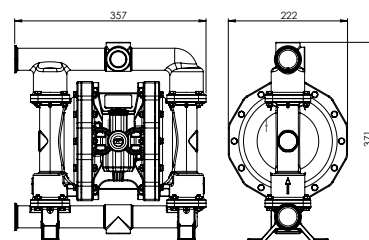


AISI 316 ELECTRO-POLISHED

Fluid connections	1"1/2 TRI-CLAMP
Air connection	1/2" BSP
Max. Flow rate	170 lt/min
Max air pressure	8 bar
Max delivery head	80 m
Max Suction Lift Dry	5 m
Max Suction Lift Wet	9,8 m
Max Solid passing	7,5 mm
Noise level:	75 dB
Max Viscosity:	35.000 cps
Displacement per Stroke:	700 CC ~

**ATEX ZONE 2** certification as Standard and, on request, **ATEX ZONE 1**.

Displacement per stroke may vary based on suction condition, discharge head, air pressure and fluid type.



The curves and performance values refer to pumps with submerged suction and free delivery outlet, with water at 20°C. These data may vary according to the construction materials and hydraulic conditions.

**Net Weight**

17,2 Kg

**Temperature**

-20°C +95°C

MODEL	CASING	DIAPHRAGM	BALLS	SEATS	GASKET	CONNECTIONS	ATEX	PORTS
PF0170	S = SS POLISHED	HT =HYTREL+PTFE	T = PTFE S = SS	S = SS	T = PTFE	3 = TRI-CLAMP 1 = BSP 6 = DIN	- = zone 2 X = zone 1	AB = STANDARD

# PHOENIX FOOD 400

## TECHNICAL DATA

## PERFORMANCE

# PF 400

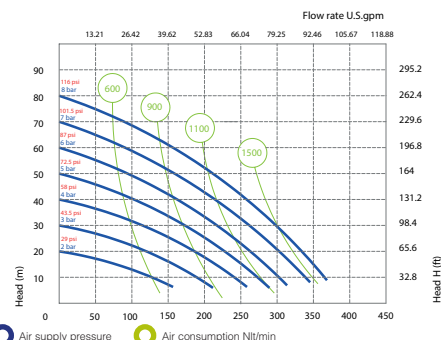
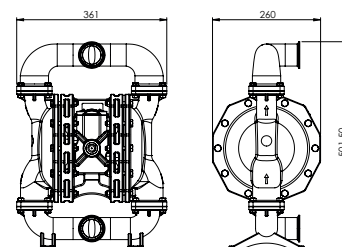


AISI 316 ELECTRO-POLISHED

Fluid connections	2" TRI-CLAMP
Air connection	1/2" BSP
Max. Flow rate	380 lt/min
Max air pressure	8 bar
Max delivery head	80 m
Max Suction Lift Dry	5 m
Max Suction Lift Wet	9,8 m
Max Solid passing	8 mm
Noise level:	78 dB
Max Viscosity:	40.000 cps
Displacement per Stroke:	1200 CC ~

**ATEX ZONE 2** certification as Standard and, on request, **ATEX ZONE 1**.

Displacement per stroke may vary based on suction condition, discharge head, air pressure and fluid type.



The curves and performance values refer to pumps with submerged suction and free delivery outlet, with water at 20°C. These data may vary according to the construction materials and hydraulic conditions.

**Net Weight**

25,3 Kg

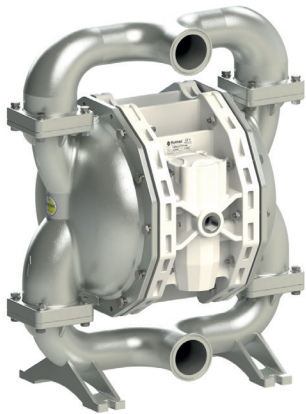
**Temperature**

-20°C +95°C

MODEL	CASING	DIAPHRAGM	BALLS	SEATS	GASKET	CONNECTIONS	ATEX	PORTS
PF0400	S = SS POLISHED	HT = HYTREL+PTFE	T = PTFE S = SS	S = SS	T = PTFE	3 = TRI-CLAMP 1 = BSP 6 = DIN	- = zone 2 X = zone 1	EF = STANDARD



# PF 700



AISI 316 ELECTRO-POLISHED

Fluid connections	2"1/2 TRI-CLAMP
Air connection	3/4" BSP
Max. Flow rate	700 lt/min
Max air pressure	8 bar
Max delivery head	80 m
Max Suction Lift Dry	5 m
Max Suction Lift Wet	9,8 m
Max Solid passing	8,5 mm
Noise level:	78 dB
Max Viscosity:	50.000 cps
Displacement per Stroke:	3050 CC ~

**ATEX ZONE 2** certification as Standard and, on request, **ATEX ZONE 1**.

Displacement per stroke may vary based on suction condition, discharge head, air pressure and fluid type.

