

PHOENIX FOOD

MATERIALS OF CONSTRUCTION:

SS AISI 316 electro-polished

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

Tri-Clamp Connection.

PF 20



SS ELECTRO-POLISHED



Fluid connections

3/4" TRI-CLAMP
DN 3/4" BS 4825

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:

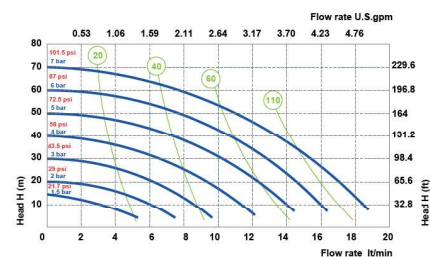
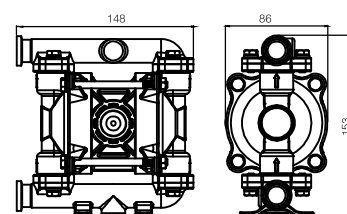
10.000 cps

Displacement per Stroke: 30 CC ~

II 3/3 G Ex h IIC T4 Gc

II 3 D Ex h IIIB T135°C Dc X

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



● Air supply pressure ● Air consumption Nit/min [SCFM]

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
PF0020	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 35

TECHNICAL DATA

PERFORMANCE

PF 35



SS ELECTRO-POLISHED



Fluid connections

1" TRI-CLAMP
DN 1" BS 4825

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:

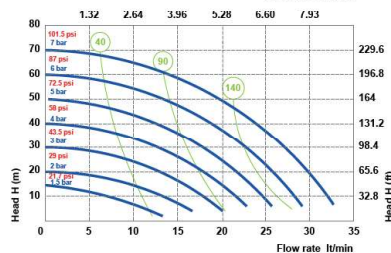
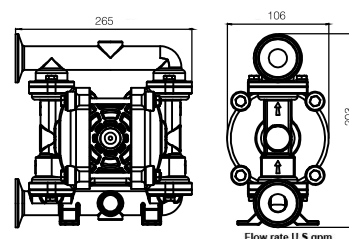
15.000 cps

Displacement per Stroke: 65 CC ~

II 3/3 G Ex h IIC T4 Gc

II 3 D Ex h IIIB T135°C Dc X

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



● Air supply pressure ● Air consumption Nit/min [SCFM]

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
PF0035	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



SS ELECTRO-POLISHED



Fluid connections

**1" TRI-CLAMP
DN 1" BS 4825**

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

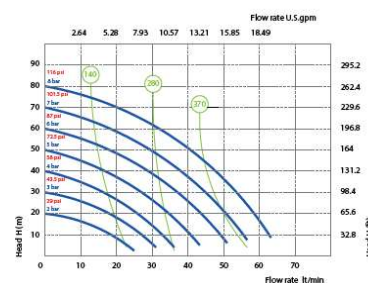
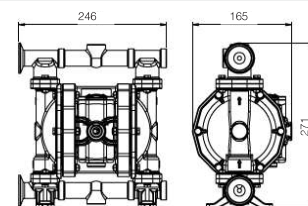
Max Viscosity:

20.000 cpsDisplacement per Stroke: **140 CC ~**

II 3/3 G Ex h IIC T4 Gc

II 3 D Ex h IIIB T135°C Dc X

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



● Air supply pressure ● Air consumption Nit/min [SCFM]

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

MODEL	CASING	DIAPHRAGM	BALLS	SEATS	GASKET	CONNECTIONS	ATEX	PORTS
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



SS ELECTRO-POLISHED



Fluid connections

**1" TRI-CLAMP
DN 25 ISO 2852**

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

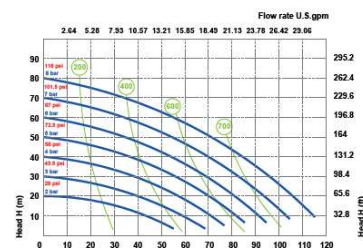
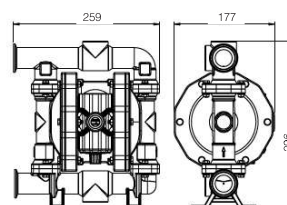
Max Viscosity:

25.000 cpsDisplacement per Stroke: **200 CC ~**

II 3/3 G Ex h IIC T4 Gc

II 3 D Ex h IIIB T135°C Dc X

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



● Air supply pressure ● Air consumption Nit/min [SCFM]

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



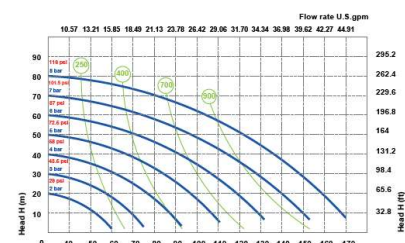
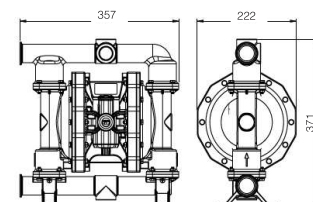
SS ELECTRO-POLISHED



Fluid connections	1"1/2 TRI-CLAMP DN 1" 1/2 BS 4825
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 ~

- II 3/3 G Ex h IIB T4 Gc
- II 3 D Ex h IIB T135°C Dc X

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



● Air supply pressure ● Air consumption Nit/min [SCFM]

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



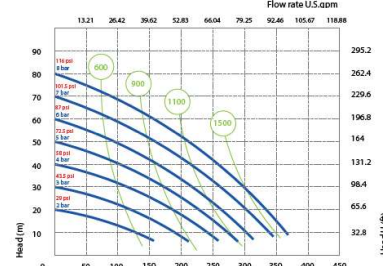
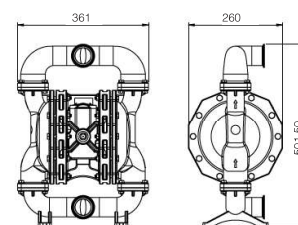
SS ELECTRO-POLISHED



Fluid connections	2" TRI-CLAMP DN 40 ISO 2852
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 ~

- II 3/3 G Ex h IIB T4 Gc
- II 3 D Ex h IIB T135°C Dc X

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



● Air supply pressure ● Air consumption Nit/min [SCFM]

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

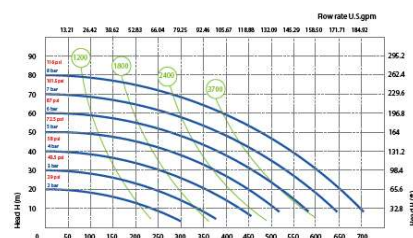
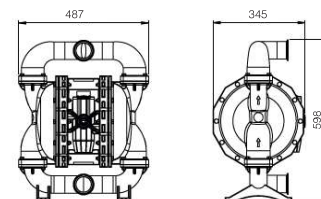
MODEL	CASING	DIAPHRAGM	BALLS	SEATS	GASKET	CONNECTIONS	ATEX	PORTS
PF0400	S = SS POLISHED	HT = HYTREL+PTFE	T = PTFE S = SS	S = SS	T = PTFE	3 = TRI-CLAMP 1 = BSP 6 = DIN	- = zone 2 X = zone 1	EF = STANDARD

PF 700


SS ELECTRO-POLISHED

Fluid connections
**2"1/2 TRI-CLAMP
DN 50 ISO 2852**
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 ~

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



● Air supply pressure ● Air consumption Nit/min [SCFM]

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
51 kg
Temperature
- 20 °C +95 °C

MODEL	CASING	DIAPHRAGM	BALLS	SEATS	GASKET	CONNECTIONS	ATEX	PORTS
PF0700	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

PHOENIX FOOD 1000

TECHNICAL DATA

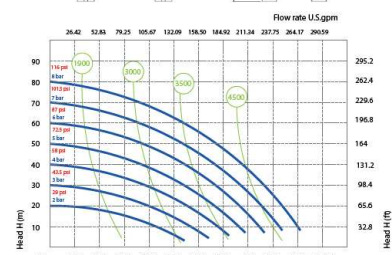
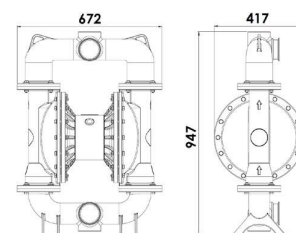
PERFORMANCE

PF 1000


SS ELECTRO-POLISHED

Fluid connections
**3" TRI-CLAMP
DN 80 ISO 2852**
Air connection
3/4" BSP
Max. Flow rate
1050 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
12 mm
Noise level:
82 dB
Max Viscosity:
55.000 cps
Displacement per Stroke: 9750 CC ~

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



● Air supply pressure ● Air consumption Nit/min [SCFM]

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
122 kg
Temperature
- 20 °C +95 °C

MODEL	CASING	DIAPHRAGM	BALLS	SEATS	GASKET	CONNECTIONS	ATEX	PORTS
PF1000	S = SS POLISHED	HT = HYTREL+PTFE	T = PTFE S = SS	S = SS	T = PTFE	3 = TRI-CLAMP 1 = TRI-CLAMP 6 = DIN	- = zone 2 X = zone 1	AB = STANDARD