



# PHOENIX FOOD

## MATERIALS OF CONSTRUCTION:

SS AISI 316 electro-polished

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

Tri-Clamp Connection.

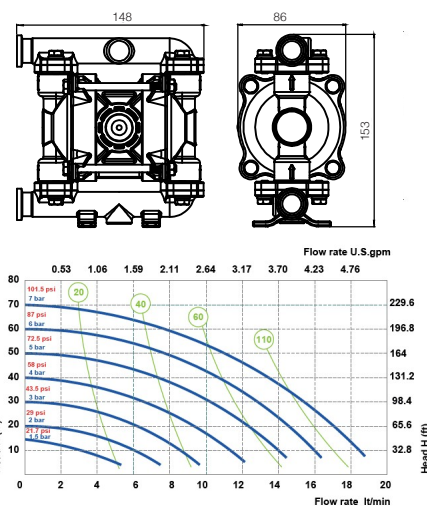
# PF 20


**SS ELECTRO-POLISHED**


Fluid connections	<b>3/4" TRI-CLAMP DN 3/4" BS 4825</b>
Air connection	<b>6 mm</b>
Max. Flow rate	<b>20 lt/min</b>
Max air pressure	<b>7 bar</b>
Max delivery head	<b>70 m</b>
Max Suction Lift Dry	<b>5 m</b>
Max Suction Lift Wet	<b>9,8 m</b>
Max Solid passing	<b>2,5 mm</b>
Noise level:	<b>65 dB</b>
Max Viscosity:	<b>10.000 cps</b>
Displacement per Stroke:	<b>30 CC ~</b>

- Ex II 3/3 G Ex h IIC T4 Gc
- Ex 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.



<b>Net Weight</b>	<b>Temperature</b>
2,3 kg	- 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

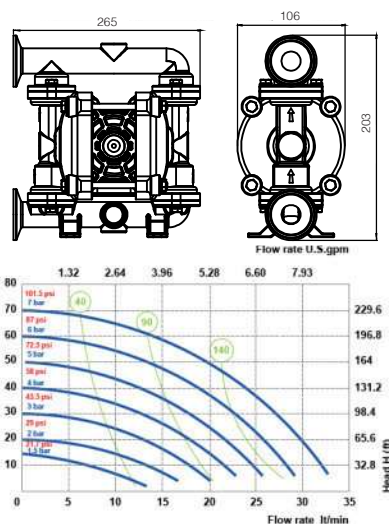
# PF 35


**SS ELECTRO-POLISHED**


Fluid connections	<b>1" TRI-CLAMP DN 1" BS 4825</b>
Air connection	<b>6 mm</b>
Max. Flow rate	<b>35 lt/min</b>
Max air pressure	<b>7 bar</b>
Max delivery head	<b>70 m</b>
Max Suction Lift Dry	<b>5 m</b>
Max Suction Lift Wet	<b>9,8 m</b>
Max Solid passing	<b>3 mm</b>
Noise level:	<b>65 dB</b>
Max Viscosity:	<b>15.000 cps</b>
Displacement per Stroke:	<b>65 CC ~</b>

- Ex II 3/3 G Ex h IIC T4 Gc
- Ex 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.



<b>Net Weight</b>	<b>Temperature</b>
3,8 kg	- 20 °C +95 °C

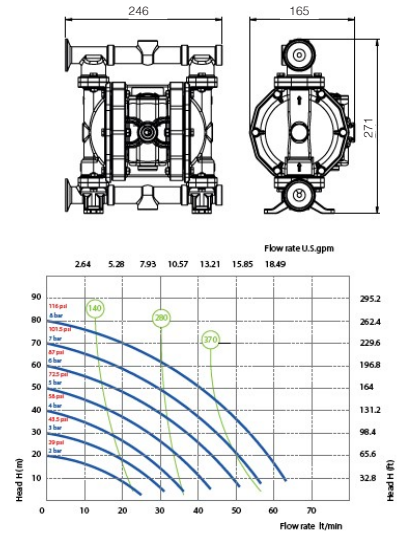
MODEL	CASING	DIAPHRAGM	BALLS	SEATS	GASKET	CONNECTIONS	ATEX	PORTS
PF0035	S = SS POLISHED	HT = HYTREL+PTFE	T = PTFE S = SS	S = SS	T = PTFE	3 = TRI-CLAMP 1 = BSP 6 = DIN	- = zone 2 X = zone 1	AB = STANDARD

# PF 60


**SS ELECTRO-POLISHED**


Fluid connections	<b>1" TRI-CLAMP DN 1" BS 4825</b>
Air connection	<b>1/4" BSP</b>
Max. Flow rate	<b>65 lt/min</b>
Max air pressure	<b>8 bar</b>
Max delivery head	<b>80 m</b>
Max Suction Lift Dry	<b>5 m</b>
Max Suction Lift Wet	<b>9,8 m</b>
Max Solid passing	<b>3,5 mm</b>
Noise level:	<b>72 dB</b>
Max Viscosity:	<b>20.000 cps</b>
Displacement per Stroke:	<b>140 CC ~</b>
<div> <div>Ex II 3/3 G Ex h IIC T4 Gc</div> <div>Ex II 3 D Ex h IIIB T135°C Dc X</div> </div>	

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







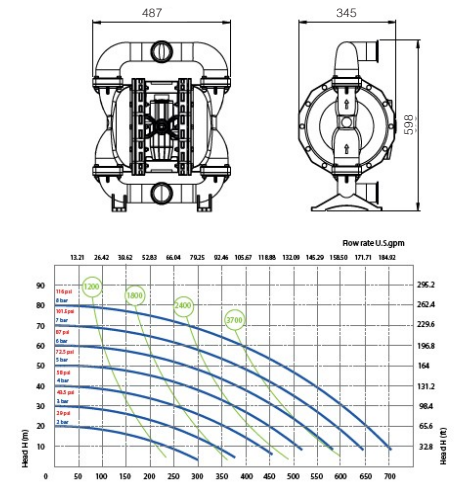
# PF 700


**SS ELECTRO-POLISHED**


Fluid connections	<b>2"1/2 TRI-CLAMP DN 50 ISO 2852</b>
Air connection	<b>3/4" BSP</b>
Max. Flow rate	<b>700 lt/min</b>
Max air pressure	<b>8 bar</b>
Max delivery head	<b>80 m</b>
Max Suction Lift Dry	<b>5 m</b>
Max Suction Lift Wet	<b>9,8 m</b>
Max Solid passing	<b>8,5 mm</b>
Noise level:	<b>78 dB</b>
Max Viscosity:	<b>50.000 cps</b>
Displacement per Stroke:	<b>3050 CC ~</b>

- Ex II 3/3 G Ex h IIB T4 Gc
- Ex 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**
**51 kg**
**Temperature**
**- 20 °C +95 °C**

MODEL	CASING	DIAPHRAGM	BALLS	SEATS	GASKET	CONNECTIONS	ATEX	PORTS
<b>PF0700</b>	<b>S = SS POLISHED</b>	<b>HT = HYTREL+PTFE</b>	<b>T = PTFE S = SS</b>	<b>S = SS</b>	<b>T = PTFE</b>	<b>3 = TRI-CLAMP 1 = BSP 6 = DIN</b>	<b>- = zone 2 X = zone 1</b>	<b>EF = STANDARD</b>

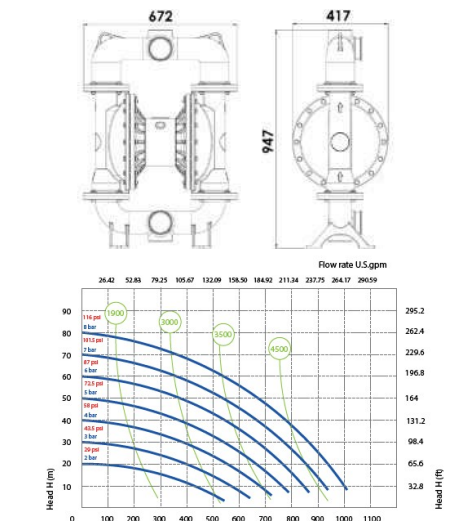
# PF 1000


**SS ELECTRO-POLISHED**


Fluid connections	<b>3" TRI-CLAMP DN 80 ISO 2852</b>
Air connection	<b>3/4" BSP</b>
Max. Flow rate	<b>1050 lt/min</b>
Max air pressure	<b>8 bar</b>
Max delivery head	<b>80 m</b>
Max Suction Lift Dry	<b>5 m</b>
Max Suction Lift Wet	<b>9,8 m</b>
Max Solid passing	<b>12 mm</b>
Noise level:	<b>82 dB</b>
Max Viscosity:	<b>55.000 cps</b>
Displacement per Stroke:	<b>9750 CC ~</b>

- Ex II 3/3 G Ex h IIB T4 Gc
- Ex 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**
**122 kg**
**Temperature**
**- 20 °C +95 °C**

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