fluimac
pump solution

Phoenix P160



PP

PVDF+CF



ALU



AISI 316

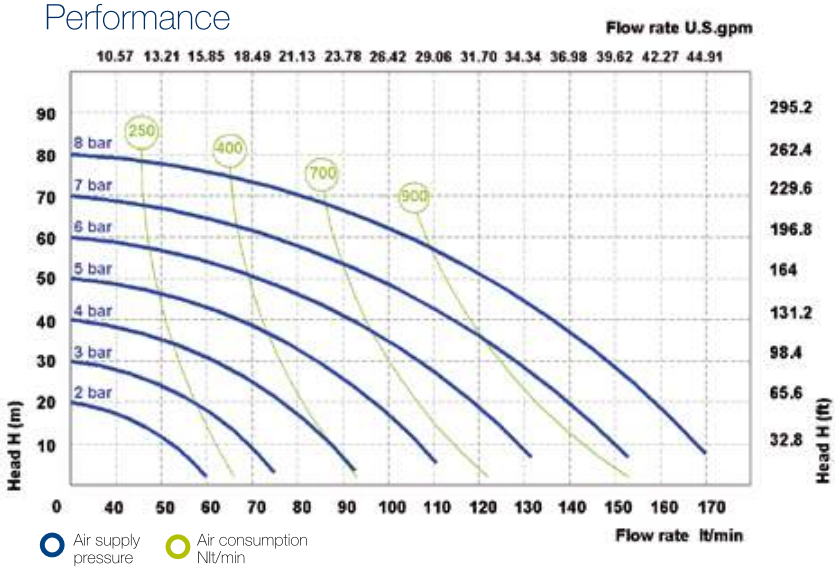


Technical data

Fluid connections:	1” BSP
Air connection:	1/2” BSP
Max flow-rate:	170 lt/min
Max air pressure:	8 Bar
Max delivery head:	80 mt
Max Suction Lift Dry:	6 mt
Max Suction Lift Wet:	9,8 mt
Max Solid passing:	7,5 mm
Noise level:	75 dB
Displacement for cycle:	330 cc
Max Viscosity:	35.000 cps

EX II 3/3 GD c IIB T 135°C

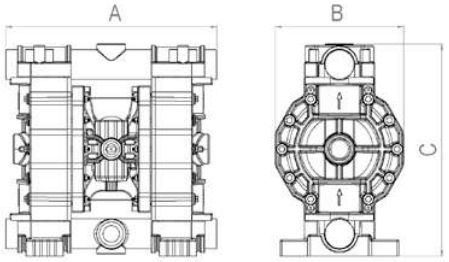
Performance



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

Dimensions

	PP	PVDF	ALU	AISI
A (mm)	370	370	370	360
B (mm)	222	222	222	222
C (mm)	370	370	364	346
Weight kg	15	16	16	20
MAX Temperature	65°C	95°C	95°C	95°C



Composition

MODEL	CASING	DIAPHRAGM	BALLS	SEATS	GASKET	CONNECTIONS	ATEX	PORTS
P0160	**P** = PP **KC** = PVDF+CF **A** = ALU **S** = SS	**HT** = HYTREL+PTFE **MT** = SANTOPRENE+PTFE **H** = HYTREL **M** = SANTOPRENE **D** = EPDM **N** = NBR	**T** = PTFE **S** = SS **D** = EPDM **N** = NBR	**P** = PP **KC** = PVDF+CF **A** = ALU **S** = SS **Z** = PE-UHMWE	**D** = EPDM **V** = VITON **N** = NBR **T** = PTFE	**1** = BSP **2** = FLANGED **5** = NPT	**-** = zone 2	**AB** = STANDARD