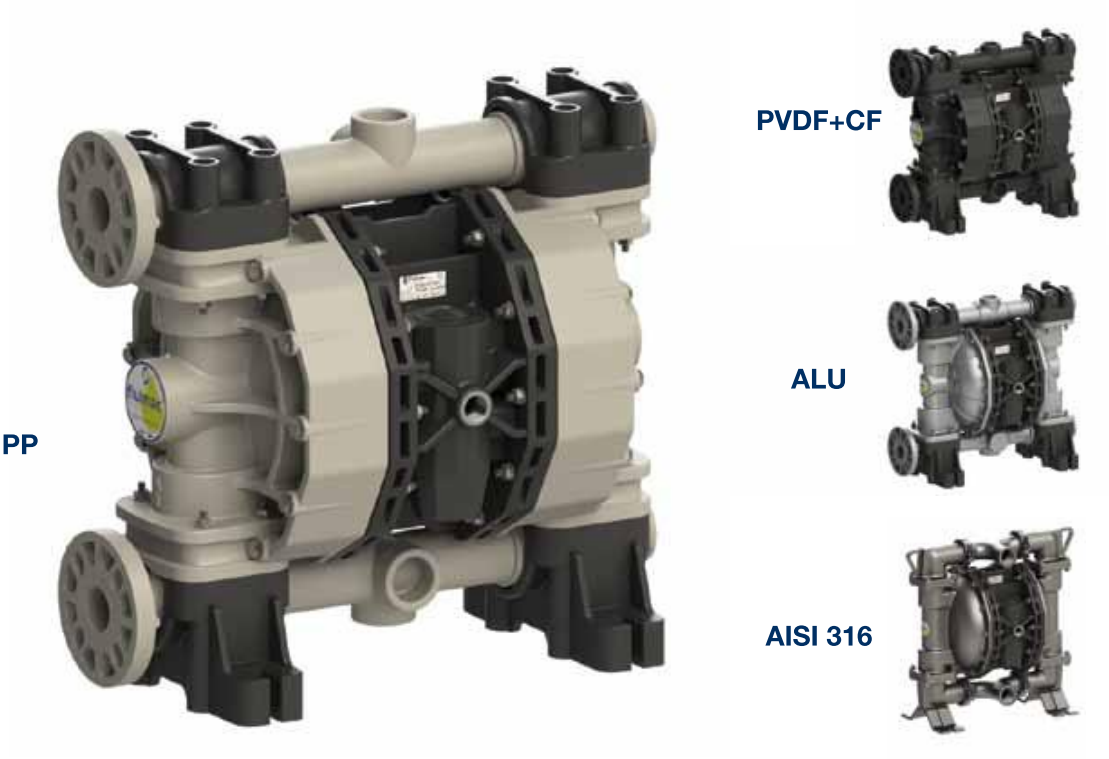
fluimac
pump solution

Phoenix P500

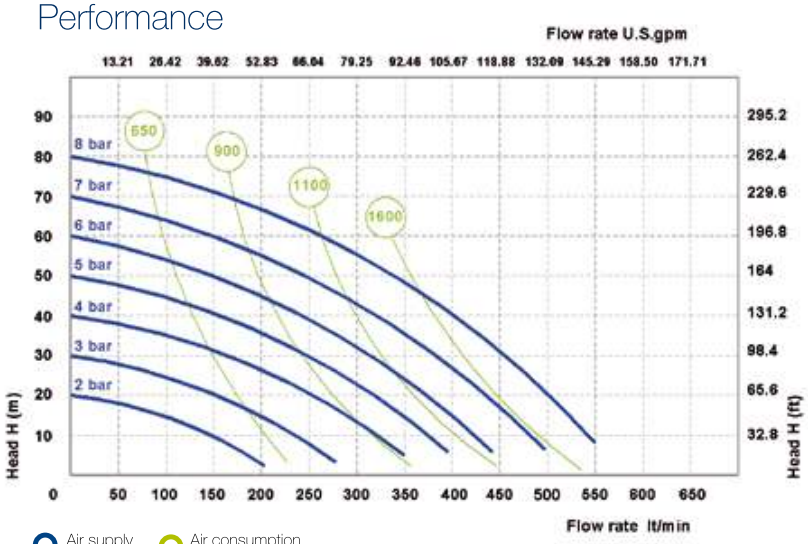


Technical data

Fluid connections:	1” 1/2 BSP
Air connection:	3/4” BSP
Max flow-rate:	550 lt/min
Max air pressure:	8 Bar
Max delivery head:	80 mt
Max Suction Lift Dry:	5 mt
Max Suction Lift Wet:	9,8 mt
Max Solid passing:	8,5 mm
Noise level:	78 dB
Displacement for cycle:	1250 cc
Max Viscosity:	50.000 cps

EX II 3/3 GD c IIB T 135°C

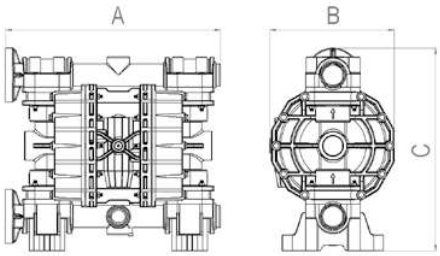
Performance



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)	595	595	595	582
B (mm)	345	345	345	345
C (mm)	565	565	560	570
Weight kg	31	36	36	60
MAX Temperature	65°C	95°C	95°C	95°C



Composition

MODEL	CASING	DIAPHRAGM	BALLS	SEATS	GASKET	CONNECTIONS	ATEX	PORTS
P0500	**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