

TECHNICAL DATA SHEET PHOENIX P500

**PP****PVDF+CF****ALU**

TECHNICAL DATA P500

FLUID CONNECTIONS : 1"1/2 BSP Dn 40

AIR CONNNECTION : 3/4" BSP

MAX FLOW RATE : 550 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

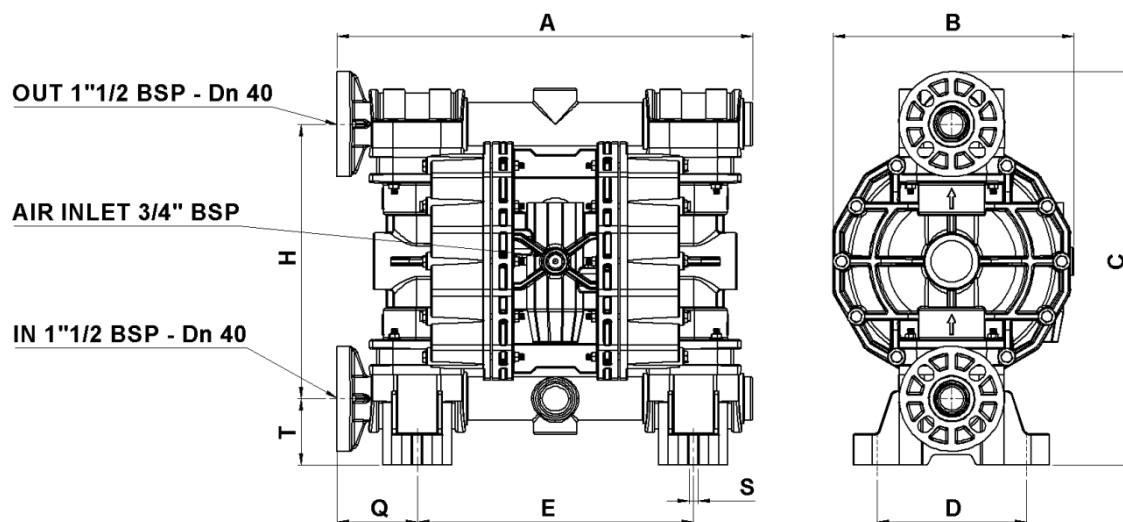
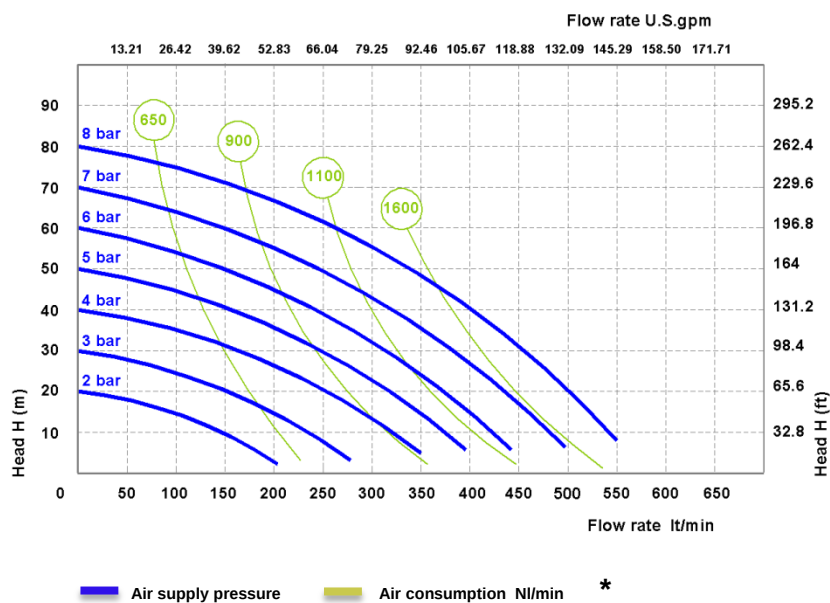
MAX SOLID PASSING: 8,5 mm

NOISE LEVEL: 78 dB

DISPLACEMENT FOR CYCLE: 1250 cc

MAX VISCOSITY : 50.000 cps

ATEX zone 2 : EX II 3/3 GD c IIB T135°C



PHOENIX P500	A	B	C	D	E	H	Q	S	T	Weight Kg	Max Temperature
PP	595	345	565	213	395	392	115	12.5	95	31	65 °C
PVDF+CF	595	345	565	213	395	392	115	12.5	95	36	95°C
ALU	595	345	560	213	396	390	115	12.5	94	36	95°C

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

Technical data are approximate and not binding for the manufacturer who reserves the right to change them without notice at any time.

COMPOSITION

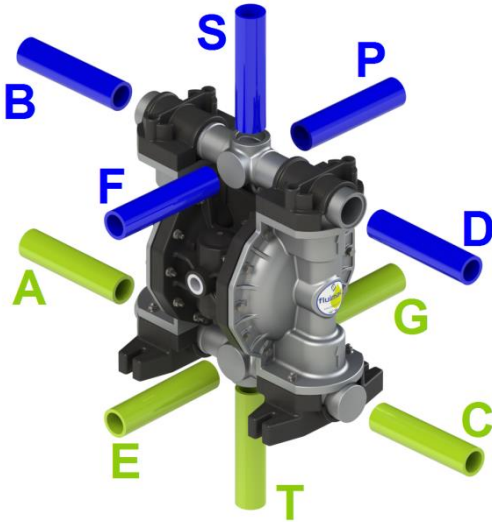
MODEL	CASING	DIAPHRAGM	BALL	SEATS	GASKET	CONNECTIONS	ATEX	PORTS IN/OUT
P0500	P= PP KC= PVDF+CF A= ALU	HT=HYTREL+PTFE MT=SANTOPRENE+PTFE H=HYTREL M=SANTOPRENE D=EPDM N=NBR	T= PTFE S= SS D=EPDM N=NBR	P=PP K=PVDF A=ALU S=SS Z=PE-UHMWE	D=EPDM V=VITON N=NBR T=PTFE	1=BSP 2=FLANGED 5=NPT	- = zone 2	AB=Standard

AVAILABLE CONNECTIONS

Standard = A B (Dn 40 PP,PVDF+CF)

IN = A-E-T-C-G

OUT =B-S-D-F-P



HOW TO READ THE CODE

P	0500	P-	NT	T	P	V	1	-	AB
MODEL OF PUMP	SIZE	CASING MATERIAL	DIAPHRAGMS	BALLS MATERIAL	BALL SEATS MATERIAL	GASKET MATERIAL	CONNECTIONS	ATEX ZONE CERTIFICATION	PORTS CONNECTIONS