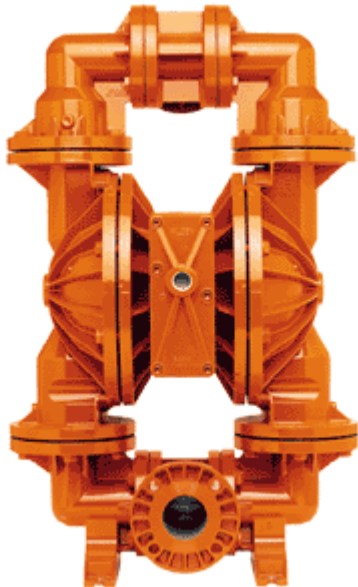




TECNICA DE FLUIDOS

XPS1500 - 3" (76.2 mm) Advanced Metal Pump : Specifications



SISTEMA: PROFLO SHIFT
DE AHORRO DE AIRE
SIN LUBRICACIÓN,
SIN POSICIÓN INTERMEDIA,
INCORPORA SILENCIADOR

ITEM: 15-12389

REF: XPS1530/AAAAA/NES/NE/NE/0504

Wilden XPS1530 - 3" (76 mm) Advanced Metal Pump

CAUDAL MÁXIMO 1045 LPM (276 GPM)
PRESIÓN MÁXIMA= 8.6 BAR (125 PSI)

PARTES EN CONTACTO CON PRODUCTO (Cámaras de líquido y colectores)

Material	Peso
Aluminio	83kg (182 lbs)
Membranas	Neopreno
Bolas	Neopreno
Asientos	Neopreno

PARTES NO EN CONTACTO CON PRODUCTO

Description	Material
Bloque central	Aluminio
Cámaras de aire	Aluminio
Válvula de aire	Aluminio

Capacidad máxima de aspiración
7,2 m (23,8') En seco

Máximo diámetro de sólidos
12.7mm (1/2") Diámetro

OPCIONES DE ELASTÓMEROS

Material	Temperature Limits
Buna-N®	-12.2 (+10) to +82.2 (+180) °C (F°)
Neoprene	-17.8 (+0) to +93.3 (+200) °C (F°)
Nordel®	-51.1 (-60) to +137.8 (+280) °C (F°)
Polyurethane	-12.2 (+10) to +65.6 (+150) °C (F°)
Saniflex™	-28.9 (+20) to +104.4 (+220) °C (F°)
Teflon® PTFE	+4.4 (+40) to +104.4 (+220) °C (F°)
Viton®	-40 (-40) to +176.7 (+350) °C (F°)
Wil-Flex™	-40 (-40) to +107.2 (+225) °C (F°)

CERTIFICADOS

Atex 94/9/EC Zona II 2 G/D





TECNICA DE FLUIDOS

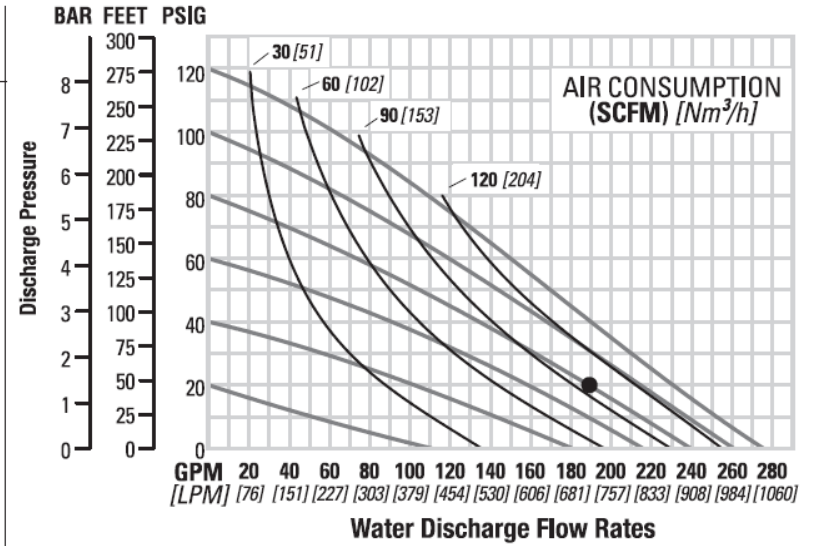
PS1500 ALUMINUM RUBBER-FITTED

Height 1031 mm (40.6")
 Width 615 mm (24.2")
 Depth 389 mm (15.3")
 Ship Weight Aluminum 83 kg (182 lbs)
 Aluminum Drop-In 69 kg (152 lbs)
 Air Inlet 19 mm (3/4")
 Inlet 76 mm (3")
 Outlet 76 mm (3")
 Suction Lift 7.2 m Dry (23.8')
 9.0 m Wet (29.5')
 Disp. per Stroke 5.1 L (1.35 gal)¹
 Max. Flow Rate 1045 lpm (276 gpm)
 Max. Size Solids 12.7 mm (1/2")

¹Displacement per stroke was calculated at 4.8 bar (70 psig) air inlet pressure against a 2.1 bar (30 psig) head pressure.

Example: To pump 712 lpm (188 gpm) against a discharge head of 1.4 bar (20 psig) requires 5.5 bar (80 psig) and 163 Nm³/h (96 scfm) air consumption.

Caution: Do not exceed 8.6 bar (125 psig) air supply pressure.



Flow rates indicated on chart were determined by pumping water.

For optimum life and performance, pumps should be specified so that daily operation parameters will fall in the center of the pump's performance curve.



TECNICA DE FLUIDOS

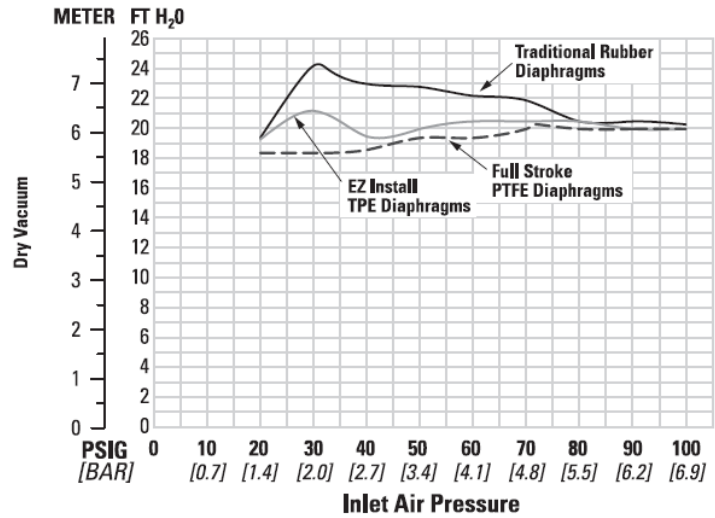


SUCTION-LIFT CURVES



PS1500 ALUMINUM SUCTION-LIFT CAPABILITY

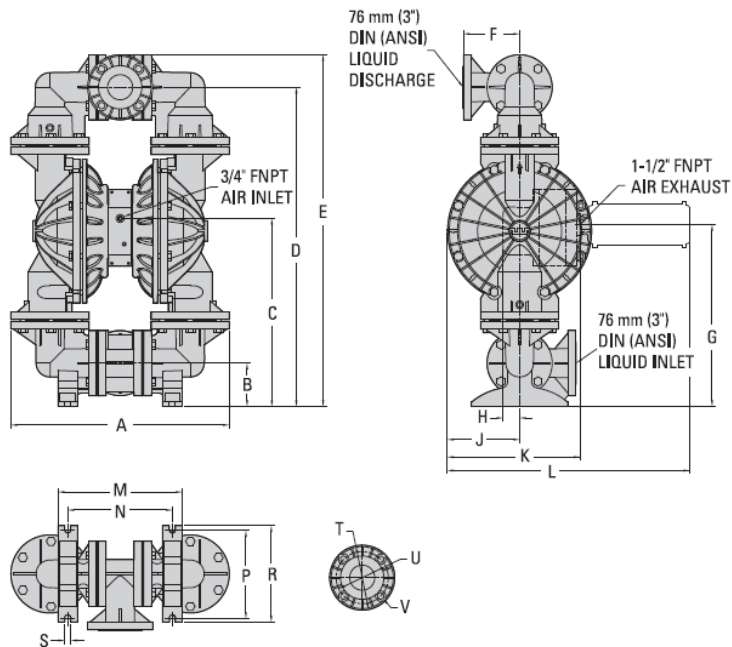
Suction-lift curves are calibrated for pumps operating at 305 m (1,000') above sea level. This chart is meant to be a guide only. There are many variables that can affect your pump's operating characteristics. The number of intake and discharge elbows, viscosity of pumping fluid, elevation (atmospheric pressure) and pipe friction loss all affect the amount of suction lift your pump will attain.





TECNICA DE FLUIDOS

PS1500 Metal – Aluminum



DIMENSIONS

ITEM	METRIC (mm)	STANDARD (inch)
A	615	24.2
B	127	5.0
C	551	21.7
D	934	36.8
E	1031	40.6
F	165	6.5
G	533	21.0
H	48	1.9
J	211	8.3
K	388	15.3
L	709	27.9
M	363	14.3
N	307	12.1
P	259	10.2
R	282	11.1
S	18	0.7
	DIN (mm)	ANSI (inch)
T	200 DIA.	7.5 DIA.
U	160 DIA.	6.0 DIA.
V	18 DIA.	0.8 DIA.

LW0033 REV. A

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