

PS1500 ADVANCED METAL PUMP

76 mm (3") Pump
Maximum Flow Rate:
1045 lpm (276 gpm)



PUMP DATA

Specifications:

Height: 1031 mm (40.6")
 Width: 615 mm (24.2")
 Depth: 388 mm (15.3")
 Est. Ship Weight: Aluminum 83 kg (182 lbs)
 Aluminum Drop-In 69 kg (152 lbs)
 Air Inlet: 19 mm (3/4")
 Liquid Inlet: 76 mm (3")
 Liquid Outlet: 76 mm (3")

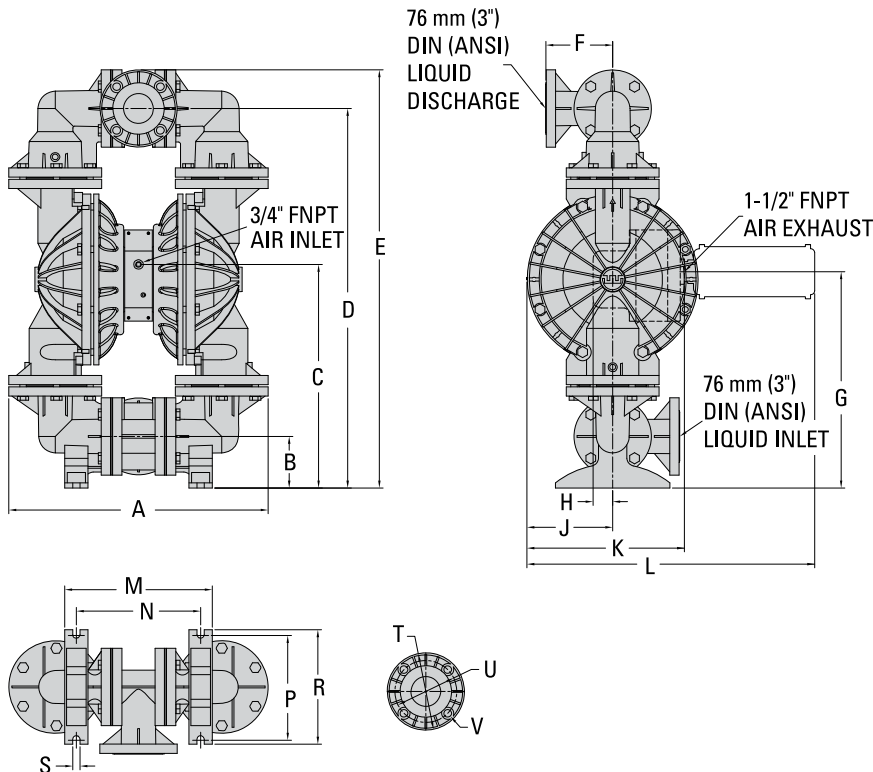
Temperature Limits:

Polypropylene	0°C to 79°C	32°F to 175°F
PVDF	-12°C to 107°C	10°F to 225°F
PFA	7°C to 107°C	20°F to 225°F
Neoprene	-18°C to 93°C	0°F to 200°F
Buna-N	-12°C to 82°C	10°F to 180°F
EPDM	-51°C to 138°C	-60°F to 280°F
Viton® FKM	-40°C to 177°C	-40°F to 350°F
Wil-Flex™	-40°C to 107°C	-40°F to 225°F
Saniflex™	-29°C to 104°C	-20°F to 220°F
Polyurethane	-12°C to 66°C	10°F to 150°F
Polytetrafluoroethylene (PTFE) ¹	4°C to 104°C	40°F to 220°F
Nylon	-18°C to 93°C	0°F to 200°F
Acetal	-29°C to 82°C	-20°F to 180°F
SIPD PTFE with Neoprene-backed	4°C to 104°C	40°F to 220°F
SIPD PTFE with EPDM-backed	-10°C to 137°C	14°F to 280°F
Polyethylene	0°C to 70°C	32°F to 158°F
Geolast®	-40°C to 82°C	-40°F to 180°F

¹Full-Stroke PTFE 4°C to 104°C (40°F to 220°F)

DIMENSIONAL DRAWING

Mouse-over letters to highlight dimensions



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.

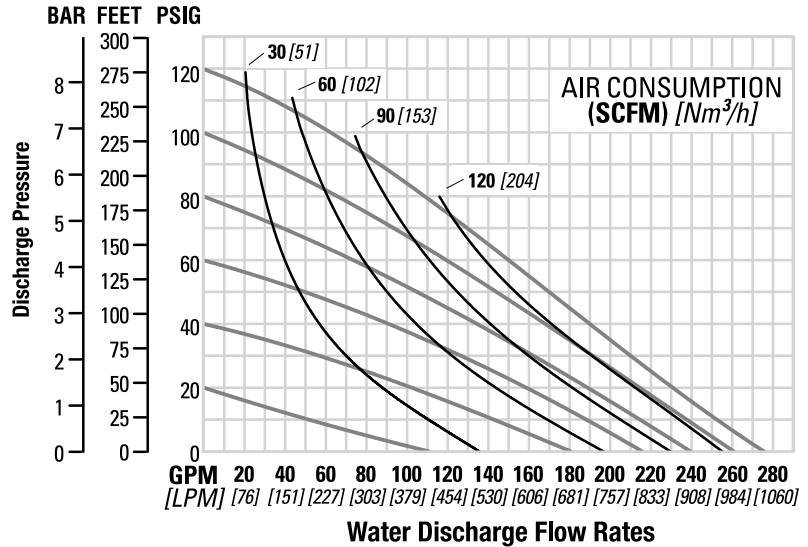
LW0033 REV. A

PS1500 ADVANCED METAL PUMP

PERFORMANCE

PS1500 METAL RUBBER-FITTED

Max. Flow Rate 1045 lpm (276 gpm)
 Max. Inlet Pressure 8.6 bar (125 psi)
 Max. Solids Passage..... 12.7 mm (1/2")
 Max. Suction Lift..... 7.2 m Dry (23.8')
 9.0 m Wet (29.5')



PS1500 METAL EZ-INSTALL TPE-FITTED

Max. Flow Rate 1026 lpm (271 gpm)
 Max. Inlet Pressure 8.6 bar (125 psi)
 Max. Solids Passage..... 12.7 mm (1/2")
 Max. Suction Lift..... 6.4 m Dry (21.1')
 9.0 m Wet (29.5')

