

PS400 ADVANCED METAL PUMP

38 mm (1-1/2") Pump
Maximum Flow Rate:
507 lpm (134 gpm)



PUMP DATA

Specifications:

Height: 594 mm (23.4")
 Width: 343 mm (13.5")
 Depth: 308 mm (12.1")
 Est. Ship Weight: Aluminum 33 kg (72 lbs)
 316 Stainless Steel 50 kg (111 lbs)
 Alloy C 54 kg (119 lbs)
 Air Inlet: 19 mm (3/4")
 Liquid Inlet: 38 mm (1-1/2")
 Liquid Outlet: 38 mm (1-1/2")

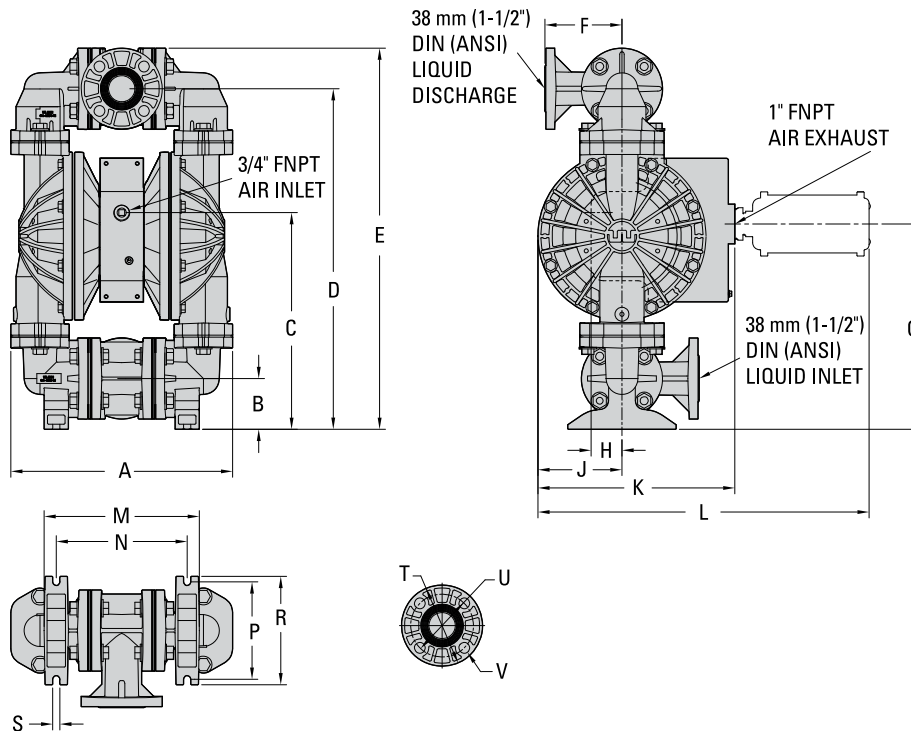
Temperature Limits:

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	343	13.5
B	79	3.1
C	339	13.4
D	531	20.9
E	594	23.4
F	122	4.8
G	321	12.7
H	48	1.9
J	132	5.2
K	308	12.1
L	518	20.4
M	244	9.6
N	206	8.1
P	152	6.0
R	170	6.7
S	10	0.4
	DIN (mm)	ANSI (inch)
T	150 DIA.	5.0 DIA.
U	110 DIA.	3.9 DIA.
V	18 DIA.	0.6 DIA.

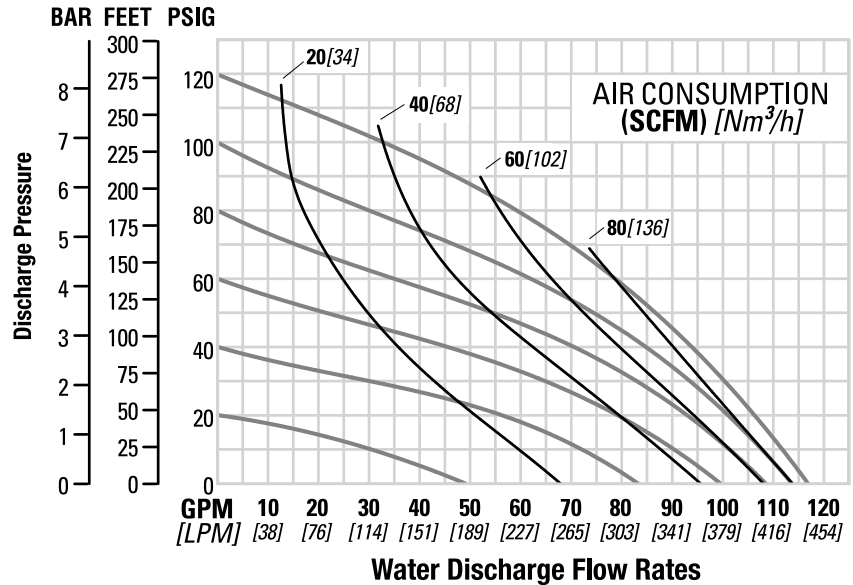
LW0014 REV. A

PS400 ADVANCED METAL PUMP

PERFORMANCE

**PS400 METAL
RUBBER-FITTED**

Max. Flow Rate443 lpm (117 gpm)
 Max. Inlet Pressure 8.6 bar (125 psi)
 Max. Solids Passage..... 4.8 mm (3/16")
 Max. Suction Lift..... 5.7 m Dry (18.7')
 8.6 m Wet (28.4')


**PS400 METAL
EZ-INSTALL TPE-FITTED**

Max. Flow Rate432 lpm (114 gpm)
 Max. Inlet Pressure 8.6 bar (125 psi)
 Max. Solids Passage..... 4.8 mm (3/16")
 Max. Suction Lift..... 5.2 m Dry (17.0')
 8.6 m Wet (28.4')

