



WILDEN®

AIR OPERATED DOUBLE DIAPHRAGM PUMPS

A **DOVER** RESOURCES COMPANY

P4 Metal Pump

FLOW RATE TO 81 GPM (306.5 LPM)
 MAXIMUM OPERATING PRESSURE = 125 PSI (8.6 BAR)

Specifications

WETTED HOUSINGS (Water Chambers and Manifolds)

MATERIAL	SHIP WT.	MATERIAL	SHIP WT.
Aluminum	38 lbs. (17.5 kg.)	Cast Iron	57 lbs. (26.2 kg.)
316 S.S.	57 lbs. (26.2 kg.)	Hastelloy	57 lbs. (26.2 kg.)

NON-WETTED HOUSINGS

DESCRIPTION	MATERIAL
Center Section	Acetal
or	
Center Block	Polypropylene with Aluminum air chambers
Air Valve	Polypropylene or Acetal

MAXIMUM SUCTION LIFT CAPABILITY

DRY LIFT
 19" (5.8 m)
 The above figure represents the rubber-fitted pump capability.

MAXIMUM DIAMETER SOLIDS

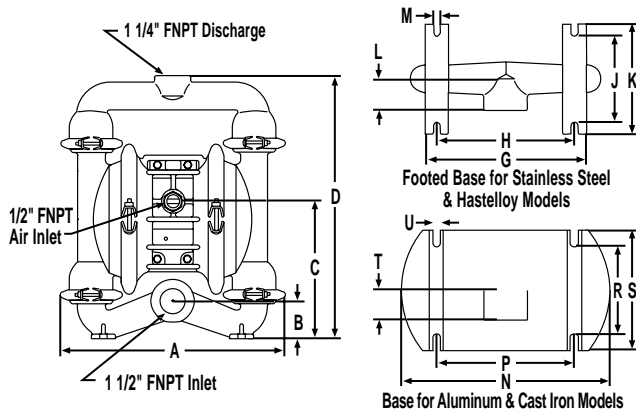
³/₁₆" (4.76 mm) Diameter

ELASTOMER OPTIONS

MATERIAL	TEMPERATURE LIMITS
Polyurethane	+10 (-12.2) to +150 (65.6) F° (C°)
Neoprene	0 (-17.8) to +200 (93.3) F° (C°)
Buna-N®	+10 (-12.2) to +180 (82.2) F° (C°)
Nordel®	-60 (-51.1) to +280 (137.8) F° (C°)
Viton®	-40 (-40.0) to +350 (176.7) F° (C°)
Saniflex™	-20 (-28.9) to +220 (104.4) F° (C°)
Teflon® PTFE	+40 (4.4) to +220 (104.4) F° (C°)
Wil-Flex™	-40 (-40.0) to +225 (107.2) F° (C°)

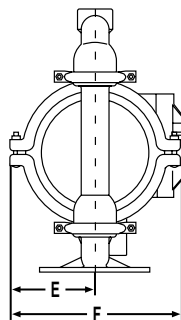


PRO-FLO™
 PROGRESSIVE PUMP TECHNOLOGY



DIMENSIONS - P4 METAL

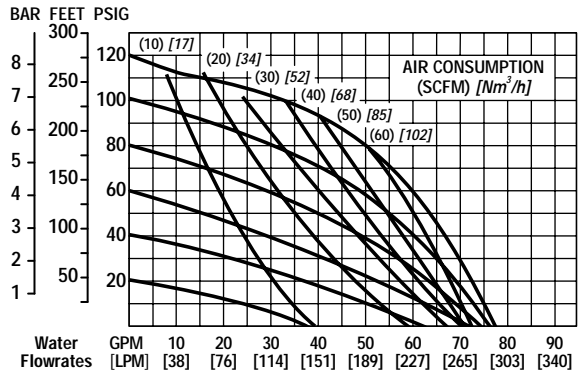
ITEM	STANDARD (inch)	METRIC (mm)
B	2 15/32	62.7
D	16 7/8	428.6
F	11 1/4	285.8
H	8 3/16	223.8
K	7	177.8
M	7/16	11.1
P	8 3/4	222.3
S	7 21/32	194.5
U	1/2	12.7



BSP threads available for liquid inlet and discharge.

Refer to the EOM manual for TPE and Ultra-Flex™ performance curves.

RUBBER-FITTED P4 METAL PUMP



TEFLON®-FITTED P4 METAL PUMP

