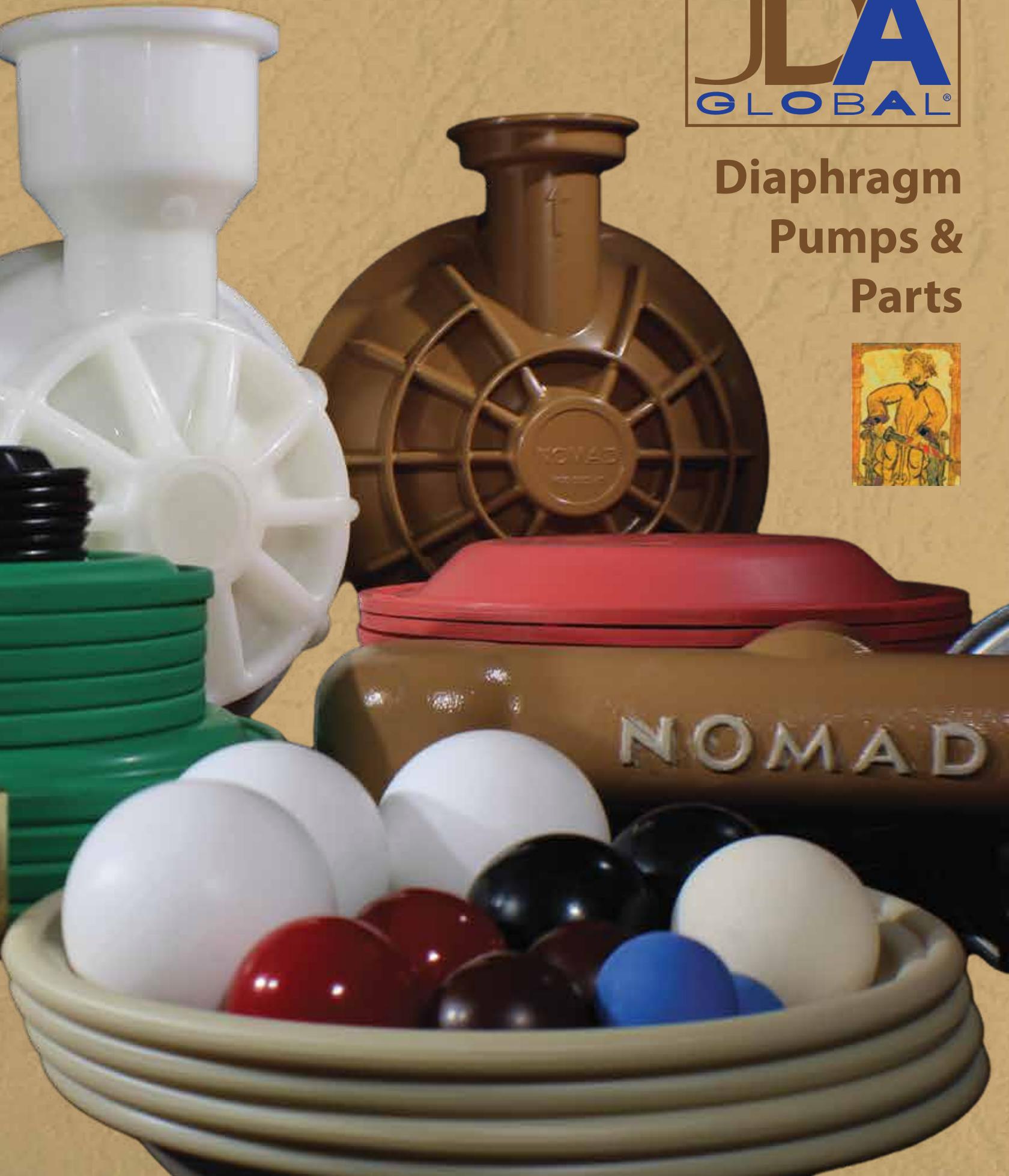




# Diaphragm Pumps & Parts







JDA Global LLC (EST. 2011) serves as the world's largest & most experienced after-market diaphragm pump products provider. We leverage our deeply embedded industry knowledge each day to bring our worldwide distributor and customer network a low cost, high quality product, with rapid delivery & “easy to do business with” customer service.

## EXPERTISE

90 YEARS OF EXPERIENCE  
WITH DIAPHRAGM PUMPS AT  
OWNERSHIP LEVEL

## 100% ORDER FULFILLMENT

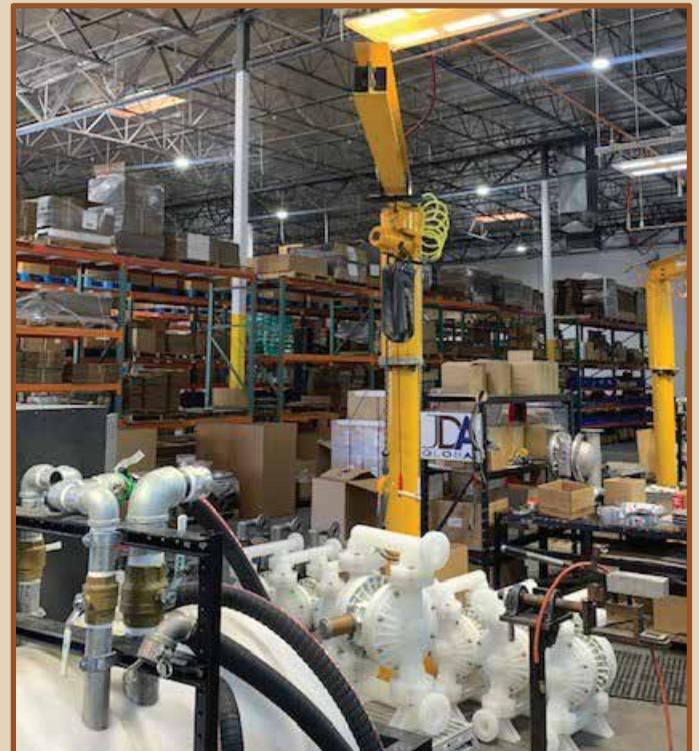
LARGEST WORLDWIDE  
INVENTORY OF AFTER-MARKET  
DIAPHRAGM PUMP PARTS

## LOW COST PROVIDER

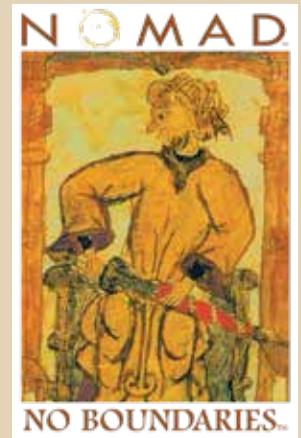
PRICE POINT GOAL: 15% BELOW  
OEM DISTRIBUTOR NET PRICE



WE OWN THE TOOLS/MOLDS



22,000 SQ.FT. WAREHOUSE (HENDERSON, NV.)



# AFTER-MARKET DIAPHRAGM PUMP PARTS



## THE NOMAD BRAND

Features thousands of after-market parts in stock at our Nevada USA Facility. NOMAD parts are produced in collaboration with the world's finest suppliers of AODDP Products. From investment casting to injection molding, JDA Global's supply chain network is second-to-none in providing high quality rubber, metal & plastic parts



# NOMAD™

**LOW COST, HIGH QUALITY  
AIR DIAPHRAGM PUMPS**

## **TRANS-FLO PUMPS**

**(REPLACEMENT PUMPS THAT FIT WILDEN®)**

6 SIZES: 1/2", 1", 1.5", 2", 3" & 4"

ALUMINUM, DUCTILE & 316 S.S. MODELS

CLAMP BAND CONSTRUCTION

ALL MAJOR ELASTOMER OPTIONS

SIMPLE, PROVEN DESIGN

ASSEMBLED AND TESTED IN USA

FASTEST DELIVERY IN THE INDUSTRY



ALUMINUM



316 S.S.

\*Also available in Ductile Iron

FEATURING  
**TRANS-FLO  
GOLD™**  
AIR DISTRIBUTION SYSTEM

NON-STALLING



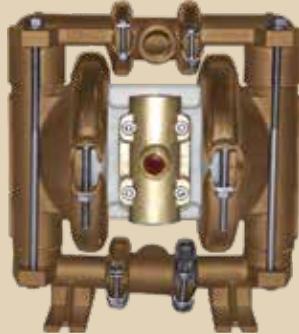
PATENT PENDING  
DIFFERENTIAL CAP DESIGN

# NOMAD™

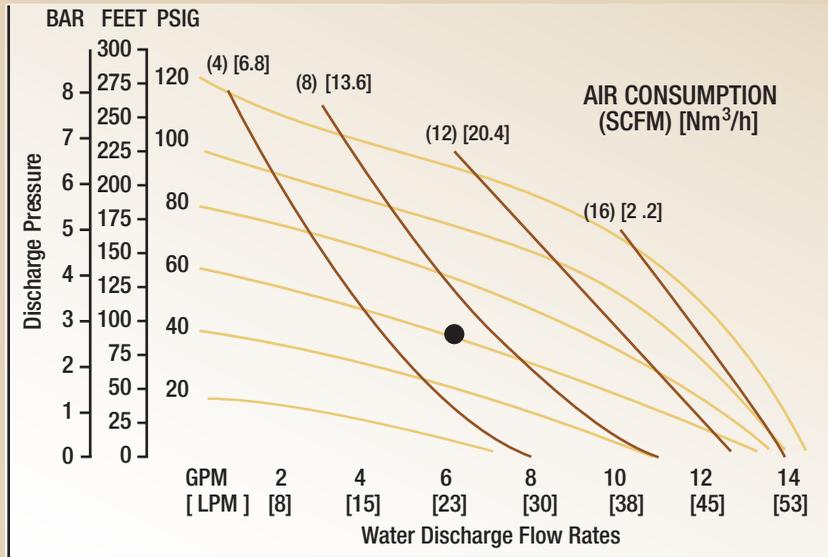
## PERFORMANCE DATA

### NTG15

### 1/2"



Air Inlet .....	6 mm (1/4")
Inlet.....	13 mm (1/2")
Outlet.....	13 mm (1/2")
Suction Lift .....	1.22 m Dry (4')
	9.14 m Wet (30')
Max. Flow Rate .....	54.9 lpm (14.5 gpm)
Max. Size Solids.....	1.6 mm (1/16")
Height .....	224 mm (8.8")
Width .....	208 mm (8.2")
Depth.....	178 mm (7.0")
Est. Ship Weight .....	Aluminum 6 kg (13 lbs)
	316 S.S. 9 kg (20 lbs)



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 performance curve.

**Example:** To pump 22.7 lpm (6.0 gpm) against a discharge pressure head of 2.7 bar (40 psig) requires 4 bar (60 psig) and 10.2 Nm³/h (6 scfm) air consumption. (See dot on chart).

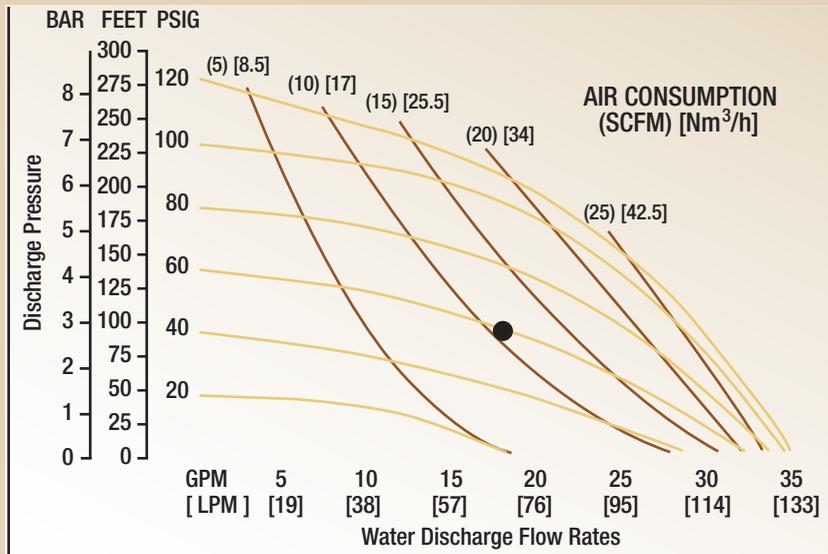
**Caution:** Do not exceed 8.6 bar (125 psig) air supply pressure.

### NTG25

### 1"



Air Inlet .....	6 mm (1/4")
Inlet.....	25 mm (1")
Outlet.....	19 mm (3/4")
Suction Lift .....	5.18 m Dry (17')
	9.45 m Wet (31')
Max. Flow Rate .....	132 lpm (35 gpm)
Max. Size Solids.....	3.2 mm (1/8")
Height .....	279 mm (11.0")
Width .....	267 mm (10.5")
Depth.....	185 mm (7.3")
Est. Ship Weight .....	Aluminum 12 kg (26 lbs)
	316 S.S. 11.24 kg (25 lbs)



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 performance curve.

**Example:** To pump 68.1 lpm (18.0 gpm) against a discharge pressure head of 2.7 bar (40 psig) requires 4.1 bar (60 psig) and 18.7 Nm³/h (11 scfm) air consumption. (See dot on chart).

**Caution:** Do not exceed 8.6 bar (125 psig) air supply pressure.  
**Teflon Diaphragms:** reduce flow by 25%

# NOMAD

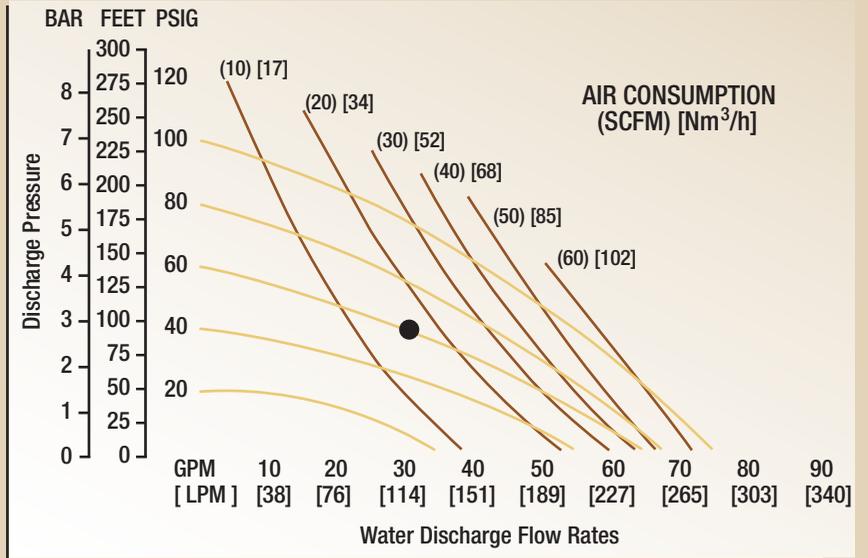
## PERFORMANCE DATA

### NTG40

#### 1.5"



Air Inlet .....	13 mm (1/2")
Inlet.....	38 mm (1-1/2")
Outlet.....	32 mm (1-1/4")
Suction Lift .....	5.49 m Dry (18')
	8.53 m Wet (28')
Max. Flow Rate .....	288 lpm (76 gpm)
Max. Size Solids.....	4.8 mm (3/16")
Height.....	442 mm (17.4")
Width.....	391 mm (15.4")
Depth.....	285 mm (11.2")
Est. Ship Weight.....	Aluminum 17 kg (38 lbs)
	316 S.S. 26 kg (57 lbs)



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 performance curve.

**Example:** To pump 113.6 lpm (30 gpm) against a discharge pressure head of 2.7 bar (40 psig) requires 4.1 (60 psig) and 25.5 Nm<sup>3</sup>/h (15 scfm) air consumption. (See dot on chart).

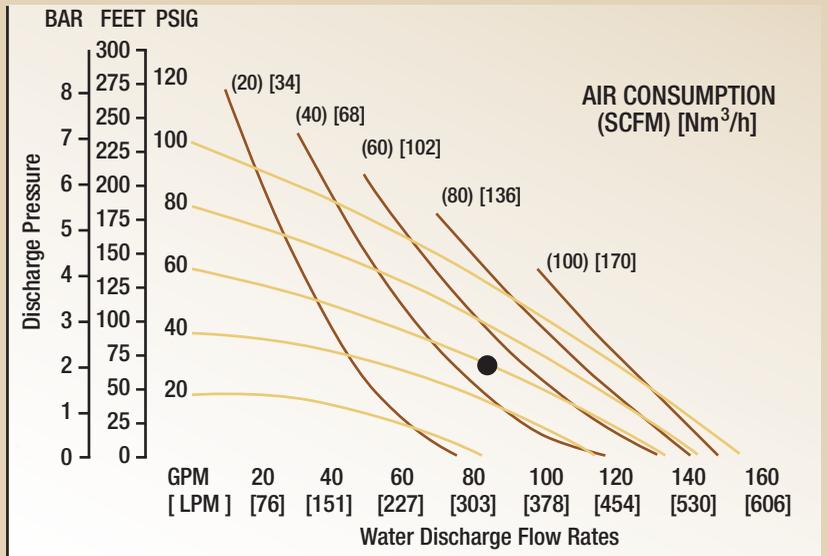
**Caution: Do not exceed 8.6 bar (125 psig) air supply pressure.**  
**Teflon Diaphragms: reduce flow by 25%**

### NTG50

#### 2"



Air Inlet .....	19 mm (3/4")
Inlet.....	51 mm (2")
Outlet.....	51 mm (2")
Suction Lift .....	6.4 m Dry (21')
	9.5 m Wet (31')
Max. Flow Rate .....	617 lpm (163 gpm)
Max. Size Solids.....	6.4 mm (1/4")
Height.....	668 mm (26.3")
Width.....	404 mm (15.9")
Depth.....	343 mm (13.5")
Est. Ship Weight.....	Aluminum 33 kg (72 lbs)
	316 S.S. 58 kg (127 lbs)
	Ductile 53 kg (115 lbs)



H<sub>2</sub>O flow rates listed

For best performance, run pump at "center of curve" protocol

**Example:** To pump 318 lpm (84 gpm) against a discharge pressure head of 2.1 bar (30 psig) requires 4.1 bar (60 psig) and 85 Nm<sup>3</sup>/h (50 scfm) air consumption. (See dot on chart).

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

**Teflon Diaphragms: reduce flow by 25%**



**LOW COST, HIGH QUALITY  
AIR DIAPHRAGM PUMPS**

## **PWR-FLO™ PUMPS**

**(REPLACEMENT PUMPS THAT FIT WILDEN®)**

6 SIZES: 1/4", 1/2", 1", 1.5", 2" & 3"

ASYMMETRICAL SPOOL DESIGN

RELIABLE & EFFICIENT

CLAMPED & BOLTED

METALLIC & NON-METALLIC

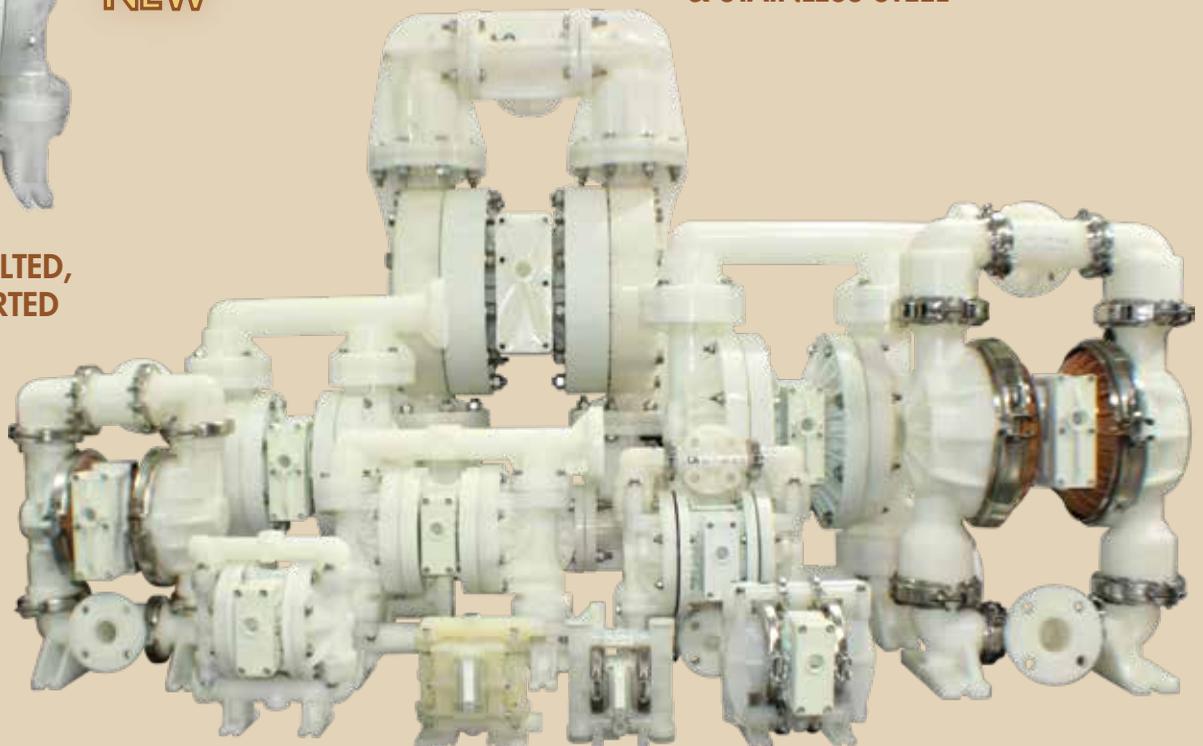


**ALUMINUM, DUCTILE  
& STAINLESS STEEL**



**NEW**

2" POLY BOLTED,  
CENTER-PORTED



**POLYPROPYLENE**

# NOMAD

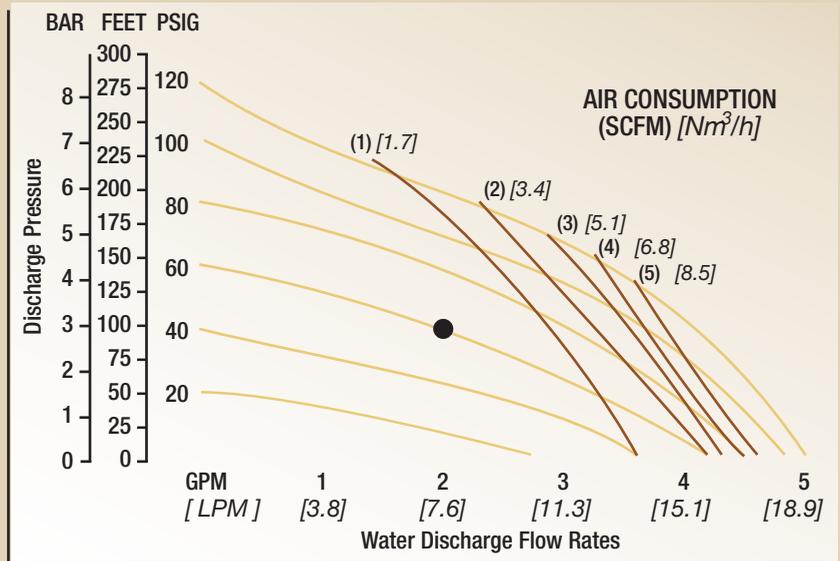
## PERFORMANCE DATA

### NPF07

### 1/4"



Air Inlet.....	3.2mm (1/8")
Inlet.....	6.4mm (1/4")
Outlet.....	6.4mm (1/4")
Suction Lift.....	3.3m Dry (10'8")
	9.3 m Wet (30'6")
Displacement/Stroke.....	0.02 l (0.005 gal) <sup>1</sup>
Max. Flow Rate.....	18.9lpm (5 gpm)
Max. Size Solids.....	.4 mm (1/64")
Height.....	148 mm (5.8")
Width.....	165.1 mm (6.5")
Depth.....	114.3 mm (4.5")
Est. Ship Weight.....	Aluminum 1.8 kg (4 lbs)
	316 S.S. 4.0 kg (8.9 lbs)



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 performance curve.

<sup>1</sup>Displacement per stroke was calculated at 70 psig (4.8 bar) air inlet pressure against a 30 psig (2 bar) head pressure

**Example:** To pump 7.6 lpm (2 gpm) against a discharge pressure head of 2.8 bar (40 psig) requires 4.1 bar (61 psig) and 1.2 Nm<sup>3</sup>/h (.7 scfm) air consumption. (See dot on chart).

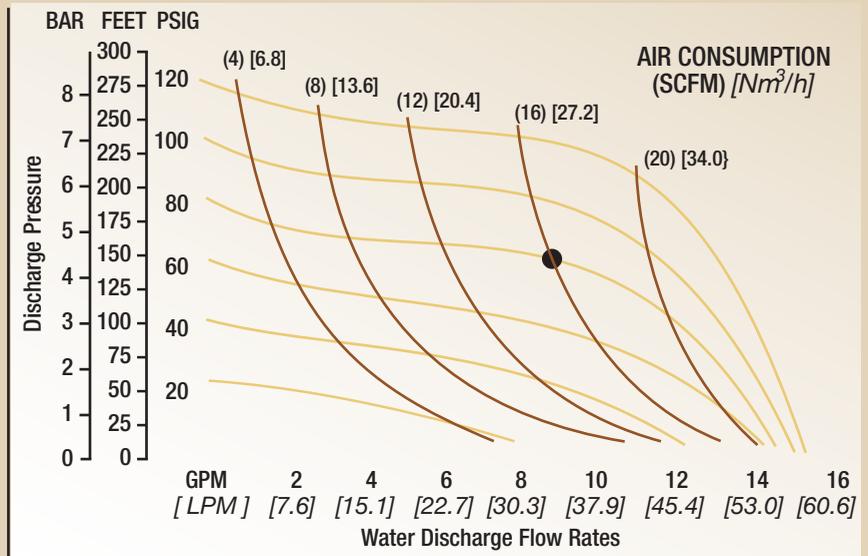
**Caution:** Do not exceed 8.6 bar (125 psig) air supply pressure.

### NPF15

### 1/2"



Air Inlet.....	6mm (1/4")
Inlet.....	13mm (1/2")
Outlet.....	13mm (1/2")
Suction Lift.....	5.2 m Dry (17.0')
	8.7 m Wet (28.4')
Displacement/Stroke.....	0.101 l (0.027 gal) <sup>1</sup>
Max. Flow Rate.....	56.0 lpm (14.8 gpm)
Max. Size Solids.....	1.6 mm (1/16")
Height.....	277 mm (10.9")
Width.....	234 mm (9.2")
Depth.....	201 mm (7.9")
Est. Ship Weight.....	Aluminum 6 kg (13 lbs)
	316 S.S. 9 kg (20 lbs)



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 performance curve.

For PRFE Fitted, reduce flow rates by 20%

<sup>1</sup>Displacement per stroke was calculated at 70 psig (4.8 bar) air inlet pressure against a 30 psig (2 bar) head pressure

**Example:** To pump 32.9 lpm (8.7 gpm) against a discharge pressure head of 4.1 bar (60 psig) requires 5.5 bar (80 psig) and 27.2 Nm<sup>3</sup>/h (16 scfm) air consumption. (See dot on chart).

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

# NOMAD

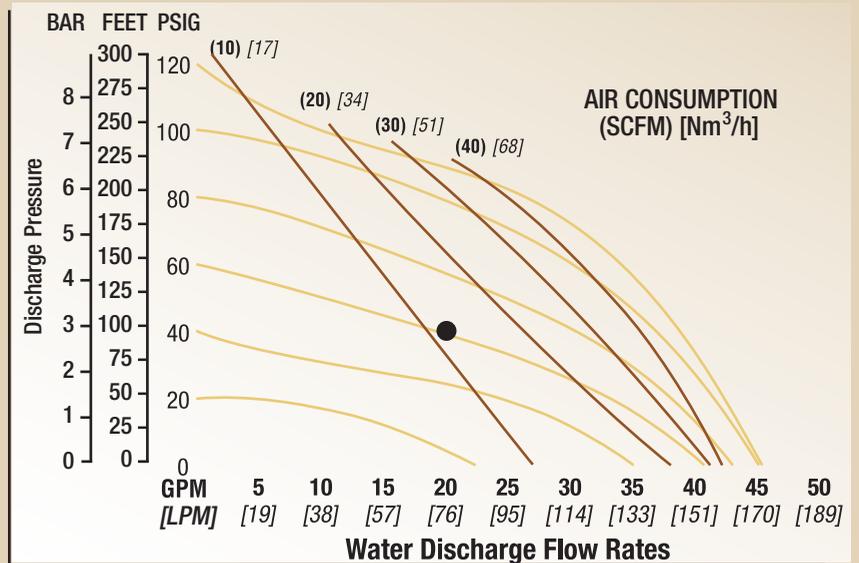
## PERFORMANCE DATA

### NPF25

1"



Air Inlet.....	6 mm (1/4")
Inlet.....	25 mm (1")
Outlet.....	25 mm (1")
Suction Lift.....	5.79 m Dry (19')
	8.53 m Wet (28')
Displacement/Stroke.....	0.34 l (0.091 gal) <sup>1</sup>
Max. Flow Rate.....	170 lpm (45 gpm)
Max. Size Solids.....	3.2 mm (1/8")
Height.....	279 mm (11.0")
Width.....	267 mm (10.5")
Depth.....	201 mm (7.9")
Est. Ship Weight.....	Aluminum 12 kg (26 lbs)
	Stainless Steel 16 kg (36 lbs)



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 performance curve.

<sup>1</sup>Displacement per stroke was calculated at 70 psig (4.8 bar) air inlet pressure against a 30 psig (2 bar) head pressure

**Example:** To pump 76 lpm (20 gpm) against a discharge pressure head of 2.7 bar (40 psig) requires 4.1 bar (60 psig) and 22 Nm<sup>3</sup>/h (13 scfm) air consumption. (See dot on chart).

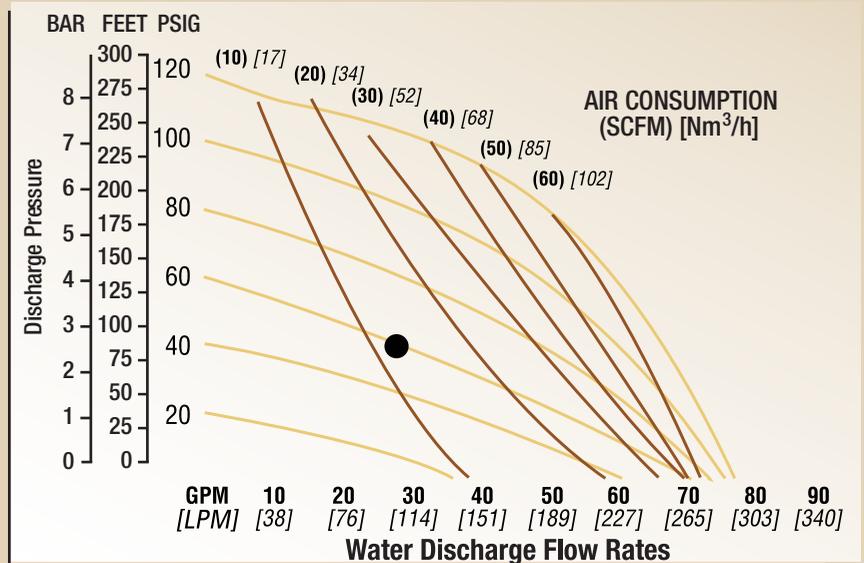
**Caution:** Do not exceed 8.6 bar (125 psig) air supply pressure.

### NPF40

1.5"



Air Inlet.....	19 mm (3/4")
Inlet.....	38 mm (1-1/2")
Outlet.....	32 mm (1-1/4")
Suction Lift.....	5.8 m Dry (19')
	8.0 m Wet (26')
Displacement/Stroke.....	0.98 l (0.26 gal) <sup>1</sup>
Max. Flow Rate.....	288 lpm (76 gpm)
Max. Size Solids.....	4.8 mm (3/16")
Height.....	429 mm (16.9")
Width.....	368 mm (14.5")
Depth.....	307 mm (12.1")
Est. Ship Weight.....	Aluminum 13 kg (29 lbs)
	316 Stainless Steel 20 kg (45 lbs)



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 performance curve.

<sup>1</sup>Displacement per stroke was calculated at 70 psig (4.8 bar) air inlet pressure against a 30 psig (2 bar) head pressure

**Example:** To pump 102 lpm (27 gpm) against a discharge pressure head of 2.7 bar (40 psig) requires 4.1 bar (60 psig) and 22 Nm<sup>3</sup>/h (13 scfm) air consumption. (See dot on chart).

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

# NOMAD

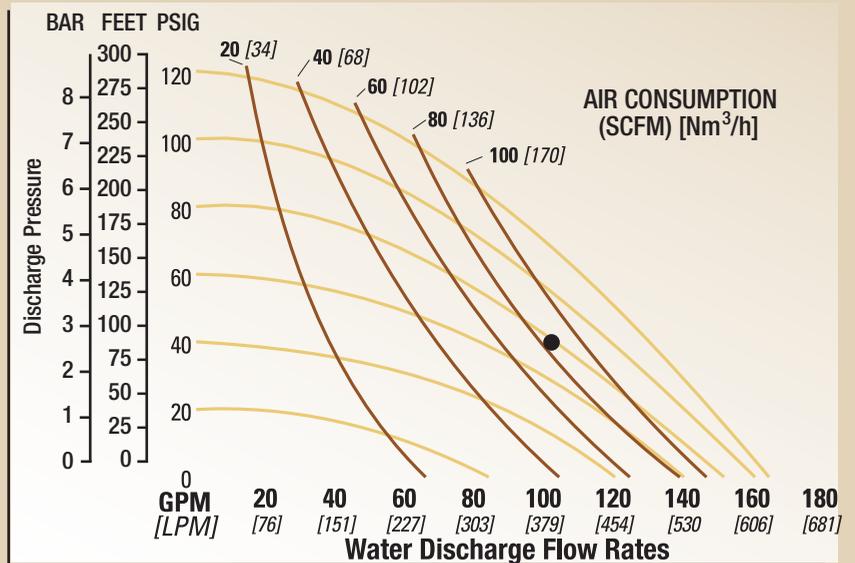
## PERFORMANCE DATA

### NPF50

### 2"



Air Inlet.....	13 mm (1/2")
Inlet.....	51 mm (2")
Outlet.....	51 mm (2")
Suction Lift.....	6.9 m Dry (22.7') 8.6 m Wet (28.4')
Displacement/Stroke.....	2.61 l (0.70 gal) <sup>1</sup>
Max. Flow Rate.....	623 lpm (164.7 gpm)
Max. Size Solids.....	6.4 mm (1/4")
Height.....	668 mm (26.3")
Width.....	404 mm (15.9")
Depth.....	343 mm (13.5")
Est. Ship Weight.....	Aluminum 32 kg (70 lbs) 316 Stainless Steel 51 kg (112 lbs) Ductile 47 kg (104 lbs)



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 performance curve.

<sup>1</sup>Displacement per stroke was calculated at 70 psig (4.8 bar) air inlet pressure against a 30 psig (2 bar) head pressure

**Example:** To pump 102 GPM against a discharge pressure head 40 psig requires 80 psig and 85 scfm air consumption

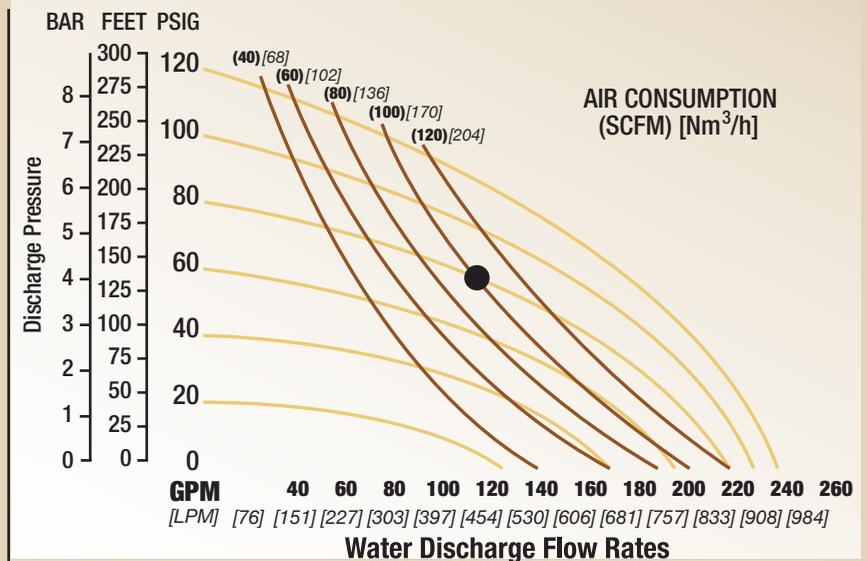
**Caution:** Do not exceed 8.6 bar (125 psig) air supply pressure.

### NPF80

### 3"



Air Inlet.....	19 mm (3/4")
Inlet.....	76 mm (3")
Outlet.....	76 mm (3")
Suction Lift.....	6.6 m Dry (21.6') 9.3 m Wet (30.6')
Displacement/Stroke.....	5.53 l (1.46 gal) <sup>1</sup>
Max. Flow Rate.....	909 lpm (240 gpm)
Max. Size Solids.....	9.5 mm (3/8")
Height.....	823 mm (32.4")
Width.....	505 mm (19.9")
Depth.....	406 mm (16.0")
Est. Ship Weight.....	Aluminum 55 kg (121 lbs) 316 Stainless Steel 85 kg (187 lbs) Ductile 93 kg (205 lbs)



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 performance curve.

<sup>1</sup>Displacement per stroke was calculated at 70 psig (4.8 bar) air inlet pressure against a 30 psig (2 bar) head pressure

**Example:** To pump 386 lpm (102 gpm) against a discharge pressure head of 2.8 bar (40 psig) requires 5.5 bar (80 psig) and 137 Nm<sup>3</sup>/h (85 scfm) air consumption. (See dot on chart).

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

# NOMAD

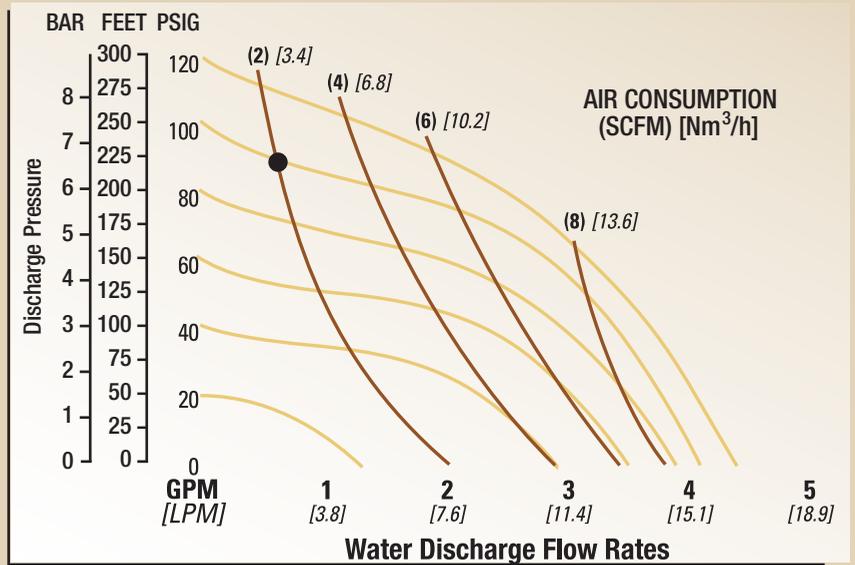
## PERFORMANCE DATA

### NPF07

### 1/4"



Air Inlet.....	3 mm (1/8")
Inlet.....	6 mm (1/4")
Outlet.....	6 mm (1/4")
Suction Lift.....	1.9 m Dry (6.2') 9.3 m Wet (30.6')
Displacement/Stroke.....	0.04 l (0.01 gal) <sup>1</sup>
Max. Flow Rate.....	16.7 lpm (4.4 gpm)
Max. Size Solids.....	0.7 mm (1/32")
Height.....	173 mm (6.8")
Width.....	173 mm (6.8")
Depth.....	127 mm (5.0")
Est. Ship Weight.....	Polypropylene 2 kg (4 lbs)



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 performance curve.

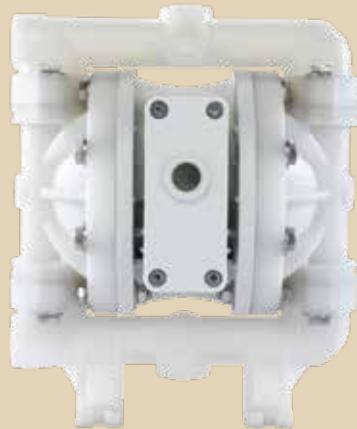
<sup>1</sup>Displacement per stroke was calculated at 70 psig (4.8 bar) air inlet pressure against a 30 psig (2 bar) head pressure

**Example:** To pump 2.3 lpm (0.6 gpm) against a discharge pressure head of 6.2 bar (90 psig) requires 6.9 bar (100 psig) and 3.4 Nm<sup>3</sup>/h (2 scfm) air consumption. (See dot on chart).

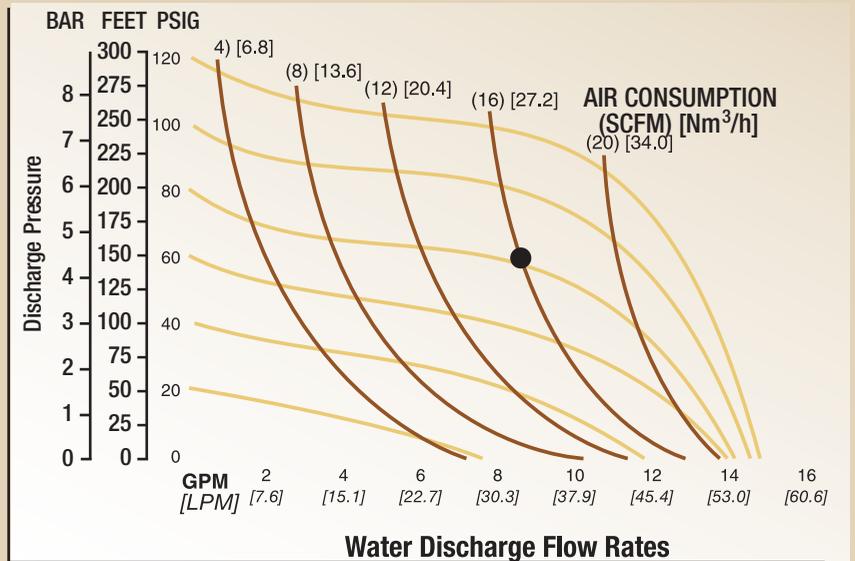
**Caution:** Do not exceed 8.6 bar (125 psig) air supply pressure.

### NPF15

### 1/2"



Air Inlet.....	6 mm (1/4")
Inlet.....	13 mm (1/2")
Outlet.....	13 mm (1/2")
Suction Lift.....	5.2 m Dry (17.0') 8.7 m Wet (28.4')
Displacement/Stroke.....	0.101 l (0.027 gal) <sup>1</sup>
Max. Flow Rate.....	56.0 lpm (14.8 gpm)
Max. Size Solids.....	1.6 mm (1/16")
Height.....	277 mm (10.9")
Width.....	234 mm (9.2")
Depth.....	201 mm (7.9")
Est. Ship Weight.....	Polypropylene 4 kg (8 lbs)



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 performance curve.

<sup>1</sup>Displacement per stroke was calculated at 70 psig (4.8 bar) air inlet pressure against a 30 psig (2 bar) head pressure

**Example:** To pump 32.9 lpm (8.7 gpm) against a discharge pressure head of 4.1 bar (60 psig) requires 5.5 bar (80 psig) and 27.2 Nm<sup>3</sup>/h (16 scfm) air consumption. (See dot on chart).

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

### NPF25

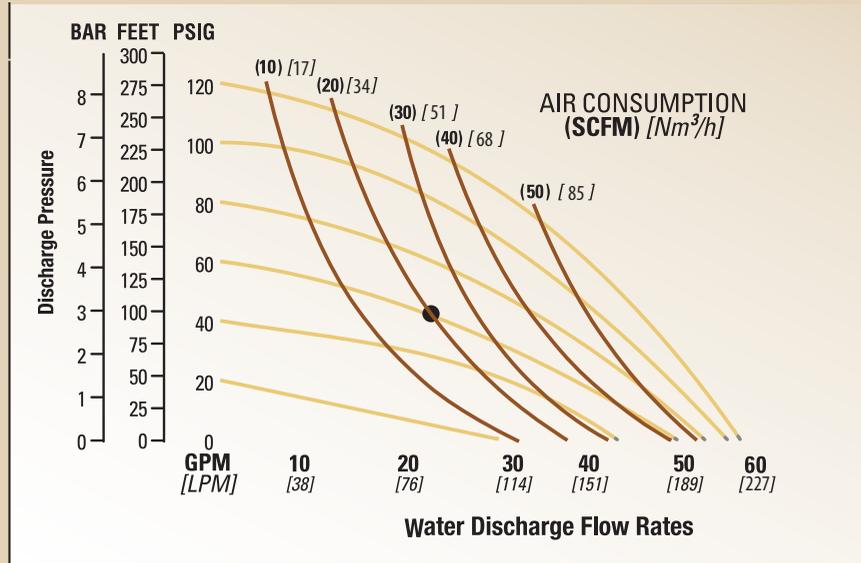
1"



Ship Weight....Polypropylene 10 kg (22 lb)

Air Inlet.....6 mm (1/4")  
 Inlet......25 mm (1")  
 Outlet......25 mm (1")  
 Suction Lift.....3.6 m Dry (11.9')  
                                   9.1 m Wet (30.0')  
 Disp. per Stroke.....0.32 L (0.086 gal)  
 Max. Flow Rate.....220 lpm (58 gpm)  
 Max. Size Solids.....4.76 mm (3/16")

<sup>1</sup>Displacement per stroke was calculated at 70 psig (4.8 bar) air inlet pressure



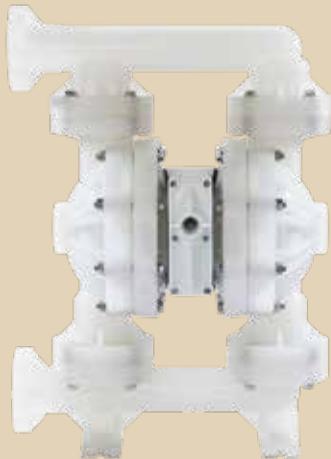
Flow rates indicated on chart were determined by pumping water. For optimum life and performance, pumps should be specified so that daily operation will fall in the center of the pump's performance curve.

**Example:** To pump 68 (18 gpm) against a discharge head pressure of 3.4 bar (50 psig) requires 4.1 bar (60 psig) and 34 Nm<sup>3</sup>/h (20 scfm) air consumption. (See dot on chart.)

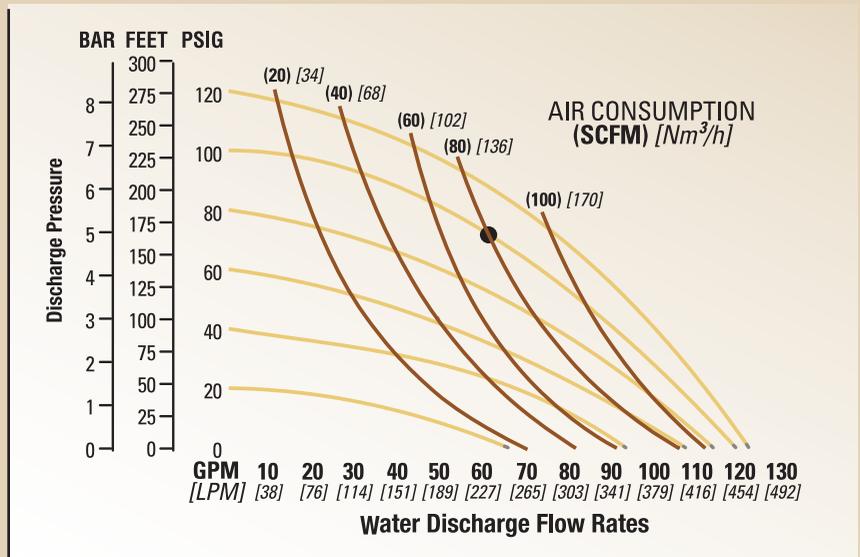
**Caution:** Do not exceed 8.6 bar (125 psig) air supply pressure

### NPF40

1.5"



Air Inlet.....13 mm (1/2")  
 Inlet..... 38 mm (1-1/2")  
 Outlet..... 38 mm (1-1/2")  
 Suction Lift..... 5.5 m Dry (18.2')  
                                   9.0 m Wet (29.5')  
 Displacement/Stroke..... 1.25 l (0.330 gal)<sup>1</sup>  
 Max. Flow Rate..... 454 lpm (120 gpm)  
 Max. Size Solids..... 6.4 mm (1/4")  
 Height..... 668 mm (26.3")  
 Width..... 478 mm (18.8")  
 Depth..... 300 mm (11.8")  
 Est. Ship Weight.....Polypropylene 19 kg (41 lbs)



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 performance curve.

<sup>1</sup>Displacement per stroke was calculated at 70 psig (4.8 bar) air inlet pressure against a 30 psig (2 bar) head pressure

**Example:** To pump 227 lpm (60 gpm) against a discharge pressure head of 5.0 bar (70 psig) requires 6.9 bar (100 psig) and 136 Nm<sup>3</sup>/h (80 scfm) air consumption. (See dot on chart.)

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

# NOMAD

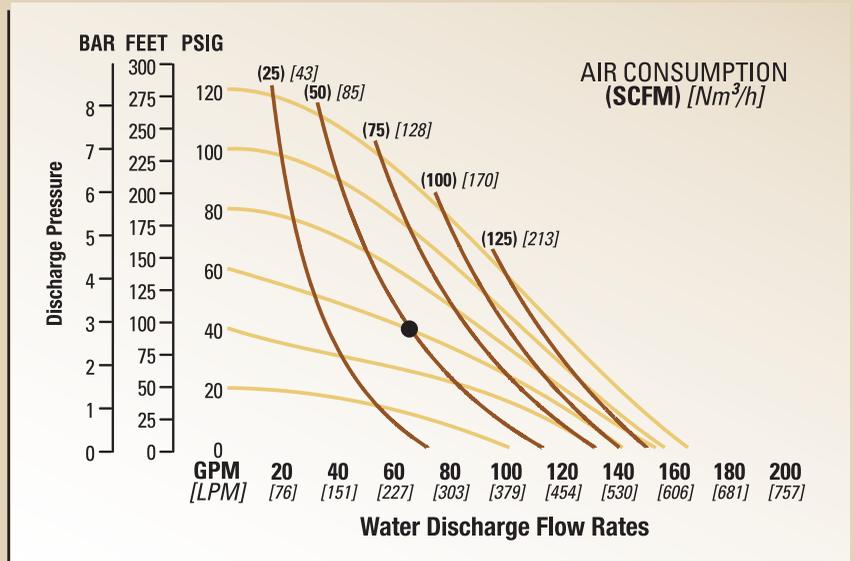
## PERFORMANCE DATA

### NPF50

### 2"



Air Inlet.....	13 mm (1/2")
Inlet.....	51 mm (2")
Outlet.....	51 mm (2")
Suction Lift.....	6.23 m Dry (20.4')
	8.65 m Wet (28.4')
Displacement/Stroke.....	2.75 l (0.727 gal) <sup>1</sup>
Max. Flow Rate.....	624 lpm (165 gpm)
Max. Size Solids.....	6.4 mm (1/4")
Height.....	805 mm (31.7")
Width.....	605 mm (23.8")
Depth.....	353 mm (13.9")
Est. Ship Weight.....	Polypropylene 32 kg (70 lbs)



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 performance curve.

<sup>1</sup>Displacement per stroke was calculated at 70 psig (4.8 bar) air inlet pressure against a 30 psig (2 bar) head pressure

**Example:** To pump 246 lpm (65 gpm) against a discharge pressure head of 2.8 bar (40 psig) requires 4.1 bar (60 psig) and 80 Nm<sup>3</sup>/h (50 scfm) air consumption. (See dot on chart).

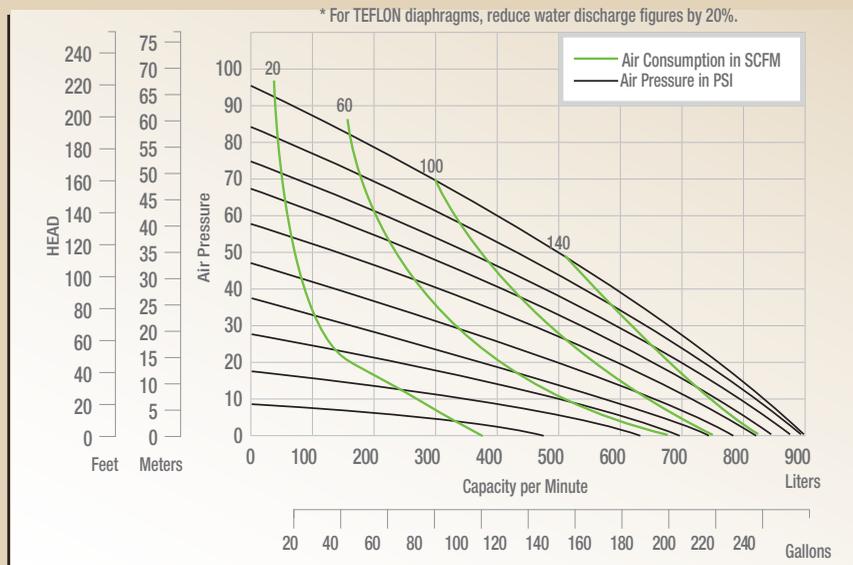
**Caution:** Do not exceed 8.6 bar (125 psig) air supply pressure.

### NPF80

### 3"



Air Inlet.....	12.7 mm (1/2")
Inlet.....	76.2 mm (3")
Outlet.....	76.2 mm (3")
Suction Lift.....	6.09 m Dry (20')
	7.62 m Wet (25')
Displacement/Stroke.....	2.75 l (0.727 gal) <sup>1</sup>
Max. Flow Rate.....	900 lpm (238 gpm)
Max. Size Solids.....	10 mm (3/8")
Height.....	923 mm (27.44")
Width.....	670 mm (15.9")
Depth.....	438 mm (13.1")
Est. Ship Weight.....	Polypropylene 67 kg (148 lbs)



\* For TEFLON diaphragms, reduce water discharge figures by 20%.

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 performance curve.

<sup>1</sup>Displacement per stroke was calculated at 70 psig (4.8 bar) air inlet pressure against a 30 psig (2 bar) head pressure

**Example:** To pump 168 gpm against a discharge pressure head of 20 psig requires 80 psig and 112scfm air consumption. (See dot on chart).

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



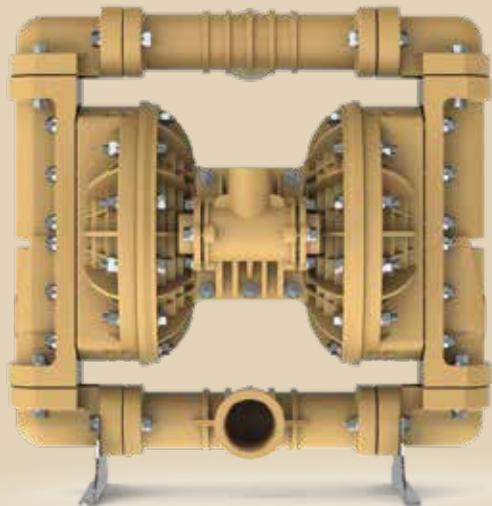
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ONE PIECE COMPOSITE  
DESIGN PTFE

## 2" FLAP VALVE PUMPS

- MINING/CONSTRUCTION
- LARGER SOLIDS



## CONDUCTIVE PUMPS

- 1", 1.5", 2" POLY



GuardEX



⦿ ATEX CERTIFIED

METALLIC PWR-FLO™ AIR SYSTEM  
PROPRIETARY DESIGN

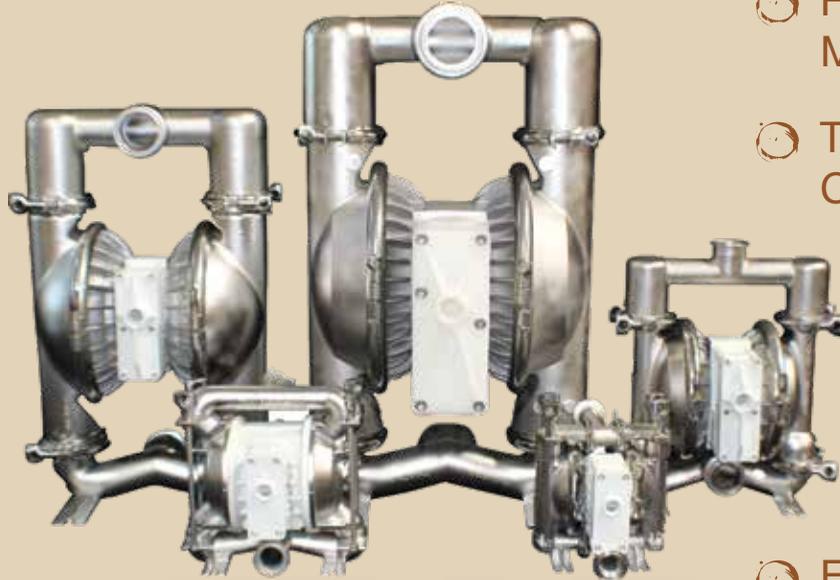


⦿ SCREEN  
BASE

⦿ HANDLES

⦿ LARGE SIZE  
SOLIDS  
PASSAGEWAY

MINING & CONSTRUCTION  
PUMPS



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**NON-METALLIC PUMPS  
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**OPTA-FLO™**

**(REPLACEMENT PUMPS THAT FIT ARO®)**



# QUALI-FLO™

(REPLACEMENT PUMPS THAT FIT WARREN RUPP®)



ALUMINUM PRODUCT LINE



2" FLAP VALVE DESIGN



POLYPROPYLENE PRODUCT LINE



316 S.S. PRODUCT LINE

## WHY SELECT AIR OPERATED DOUBLE DIAPHRAGM PUMPS

NOMAD pumps are self-priming, can handle viscous and abrasive products and can run dry without damage.

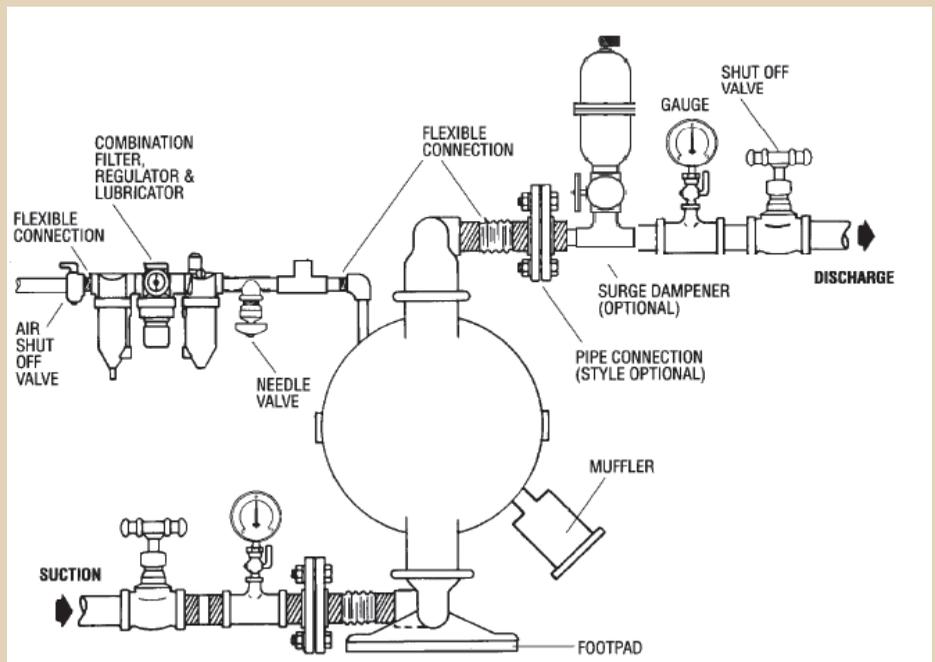
NOMAD pumps do not employ costly motors, variable speed drives, by-pass plumbing or mechanical seals.

Please see the matrix below for a comparison of the NOMAD air operated Diaphragm pumps versus Rotary and Centrifugal pumps:

	SOLIDS PASSAGE	SHEAR SENSITIVITY	ABRASIVES HANDLING	SOLVENT HANDLING	DRY PRIMING	VISCOUS FLUIDS HANDLING	MAINTENANCE COSTS
NOMAD Diaphragm Pumps	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★
Vane Pumps	★	★	★	★★★★	★★★	★★	★★
Internal Gear Pumps	★	★	★★★	★★★	★★	★★★★	★
External Gear Pumps	★	★	★	★★★	★★	★★★★	★
Lobe Pumps	★★★★	★★	★★★	★★	★★	★★★★	★
Centrifugal Pumps	★	★	★★★	★★★	★★	★	★★★
Progressive Cavity Pumps	★	★★	★★★★	★★★★	★★★★	★★★★	★
Piston/Plunger Pumps	★★	★	★★★	★★	★★★★	★★★★	★

★★★★ - Excellent, ★★★ - Good, ★★ - Average, ★ - Poor

## SUGGESTED INSTALLATION



Note: In the event of a power failure, the shutoff valve should be closed, if the restarting of the pump is not desirable once power is regained.

## NOTES:

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