

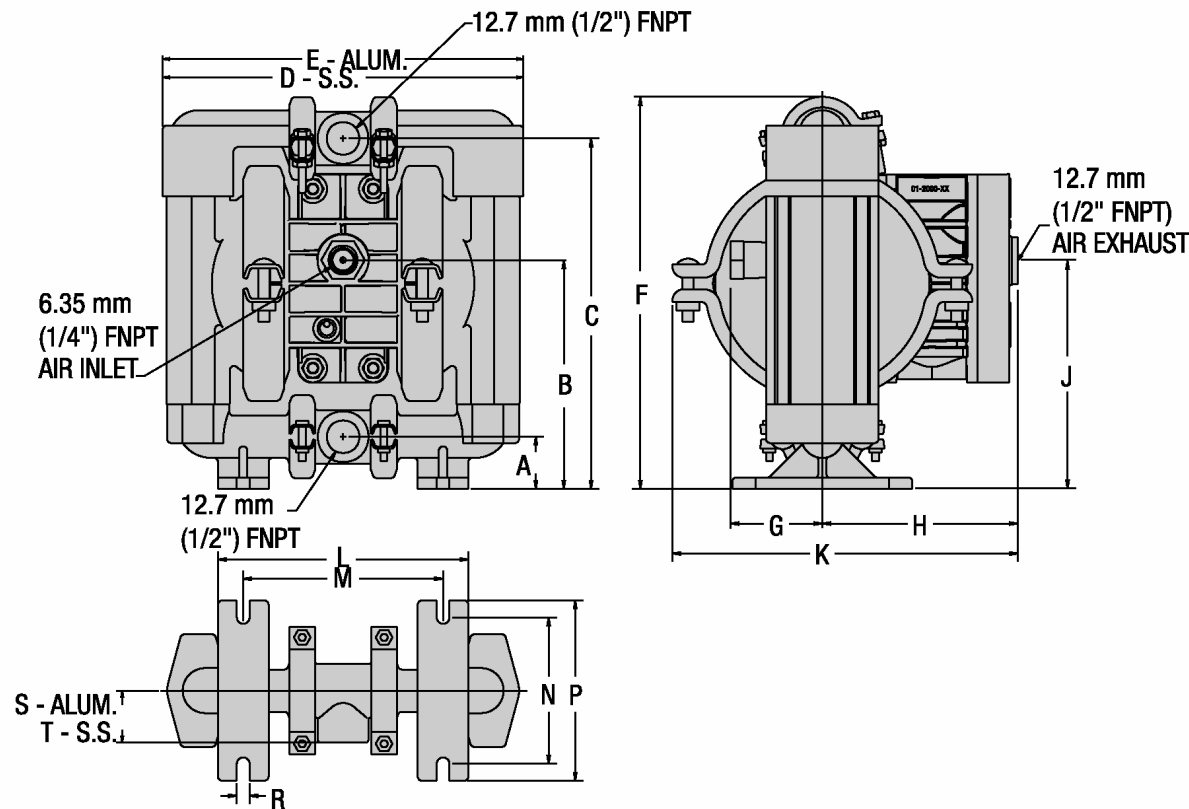
TECHNIQUES DES FLUIDES

10 Rue Jean Poulmarch, bat. 3
 Z.I. Du Val d'Argent
 95100 Argenteuil
 Tel. : 01.34.11.13.73 / Fax : 01.34.11.96.35

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WILDEN MODEL P1 METAL



DIMENSIONS - P1 (METAL)		
ITEM	METRIC (mm)	STANDARD (inch)
A	28.6	1.12
B	129.4	5.09
C	198.5	7.81
D	203.2	8
E	207.2	8.15
F	222.3	8.75
G	55.6	2.18
H	115.1	4.53
J	129.4	5.09
K	204.8	8.06
L	139.7	5.50
M	111.9	4.40
N	82.6	3.25
P	101.6	4
R	7.1	.28
S	30.2	1.18
T	30.2	1.18

BSP threads available.

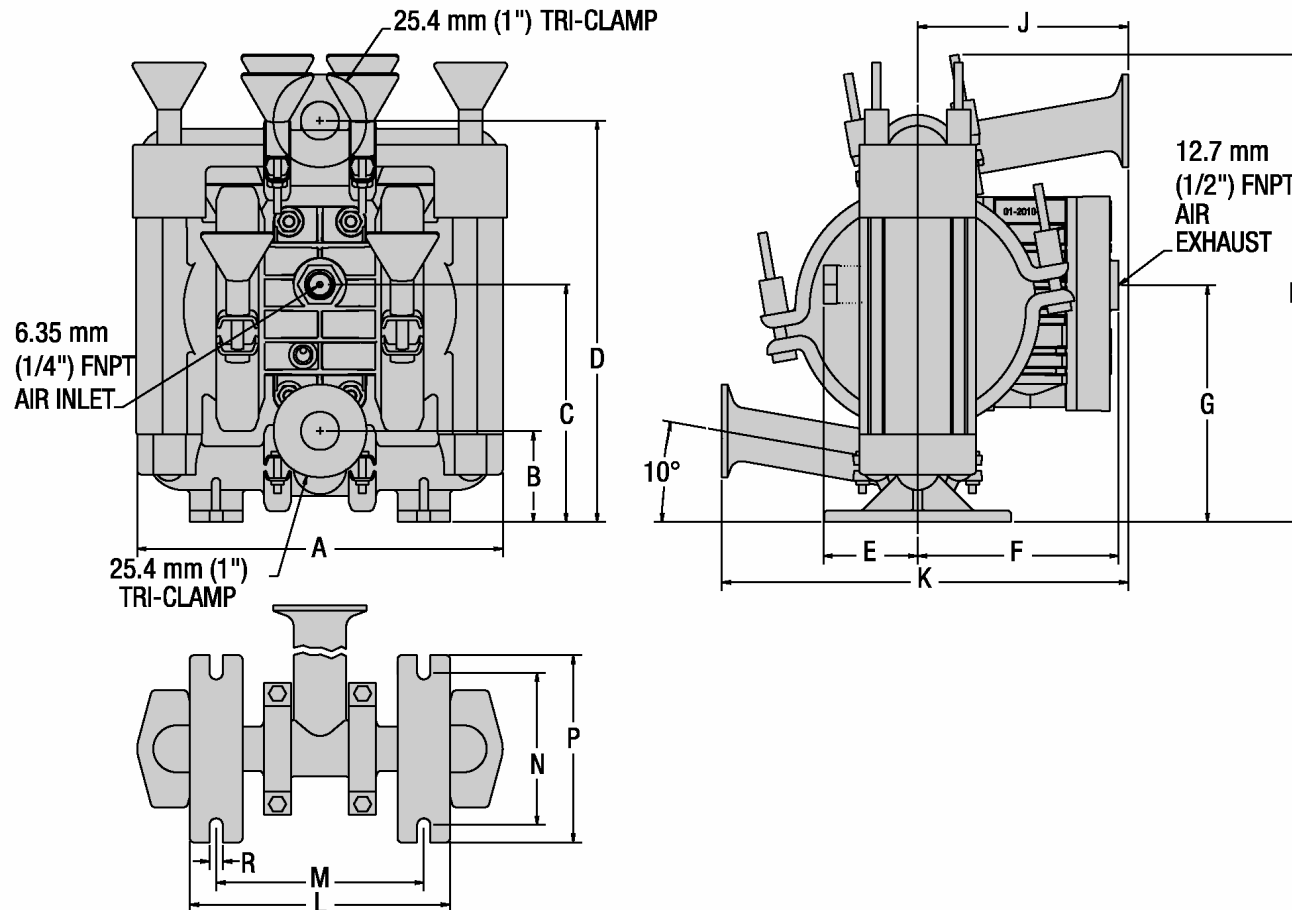
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WILDEN MODEL P1 METAL SANIFLO^{FDA}



DIMENSIONS – P1 SANIFLO ^{FDA} (METAL)		
ITEM	METRIC (mm)	STANDARD (inch)
A	204.0	8.03
B	48.4	1.93
C	131.8	5.18
D	220.7	8.68
E	53.2	2.09
F	115.1	4.53
G	124.6	4.90
H	258.0	10.15
J	115.9	4.56
K	229.4	9.03
L	142.9	5.62
M	113.5	4.46
N	82.6	3.25
P	101.6	4
R	7.1	.28

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MODEL P1 METAL RUBBER-FITTED

Height222.3 mm (8³/₄"
 Width207.2 mm (8⁵/₃₂"
 Depth.....204.8 mm (8¹/₁₆"
 Ship WeightAluminum 6 kg (13 lbs.)
 Stainless Steel 9.2 kg (20 lbs.)
 Air Inlet6.35 mm (1/4")
 Inlet1.27 cm (1/2")
 Outlet.....1.27 cm (1/2")
 Suction Lift5.79 m Dry (19')
 9.45 m Wet (31')

Displacement per

Stroke11 l (0.029 gal.)¹

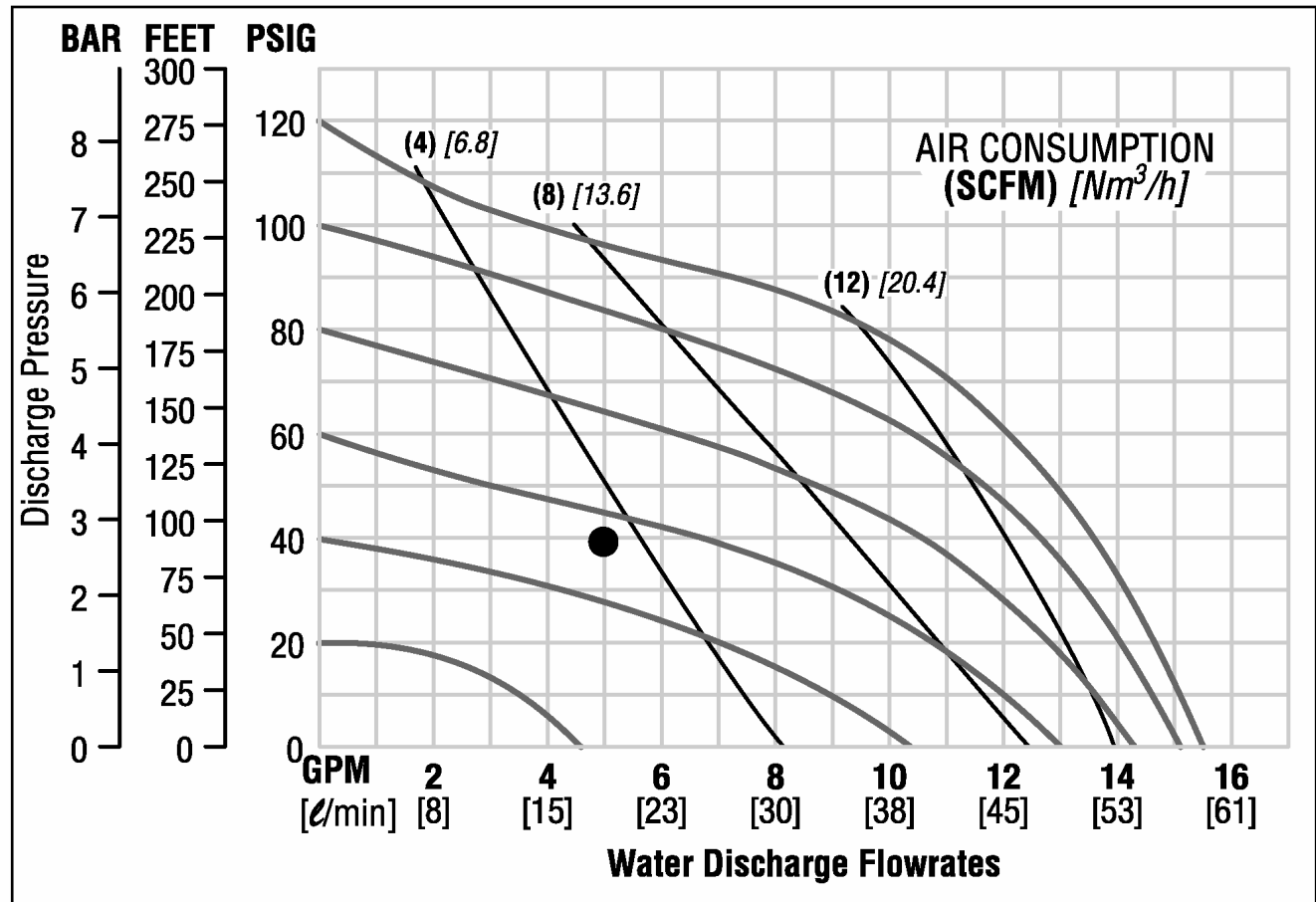
Max. Flow Rate.....58.67 lpm (15.5 gpm)

Max. Size Solids.....1.59 mm (1/16")

¹Displacement per stroke was calculated at 4.8 Bar (70 psig) air inlet pressure against a 2 Bar (30 psig) head pressure.

Example: To pump 18.9 lpm (5 gpm) against a discharge pressure head of 2.7 Bar (40 psig) requires 4 Bar (60 psig) and 5.92 Nm³/h (3.5 scfm) air consumption. (See dot on chart.)

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 performance curve.

TECHNIQUES DES FLUIDES

10 Rue Jean Poulmarch, bat. 3

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MODEL P1 METAL TPE-FITTED

Height222.3 mm ($8\frac{3}{4}$ "
 Width207.2 mm ($8\frac{5}{32}$ "
 Depth.....204.8 mm ($8\frac{1}{16}$ "
 Ship WeightAluminum 6 kg (13 lbs.)
 Stainless Steel 9.2 kg (20 lbs.)
 Air Inlet6.35 mm ($\frac{1}{4}$ "
 Inlet1.27 cm ($\frac{1}{2}$ "
 Outlet.....1.27 cm ($\frac{1}{2}$ "
 Suction Lift5.18 m Dry (17')
 9.45 m Wet (31')

Displacement per

Stroke11 l (0.029 gal.)¹

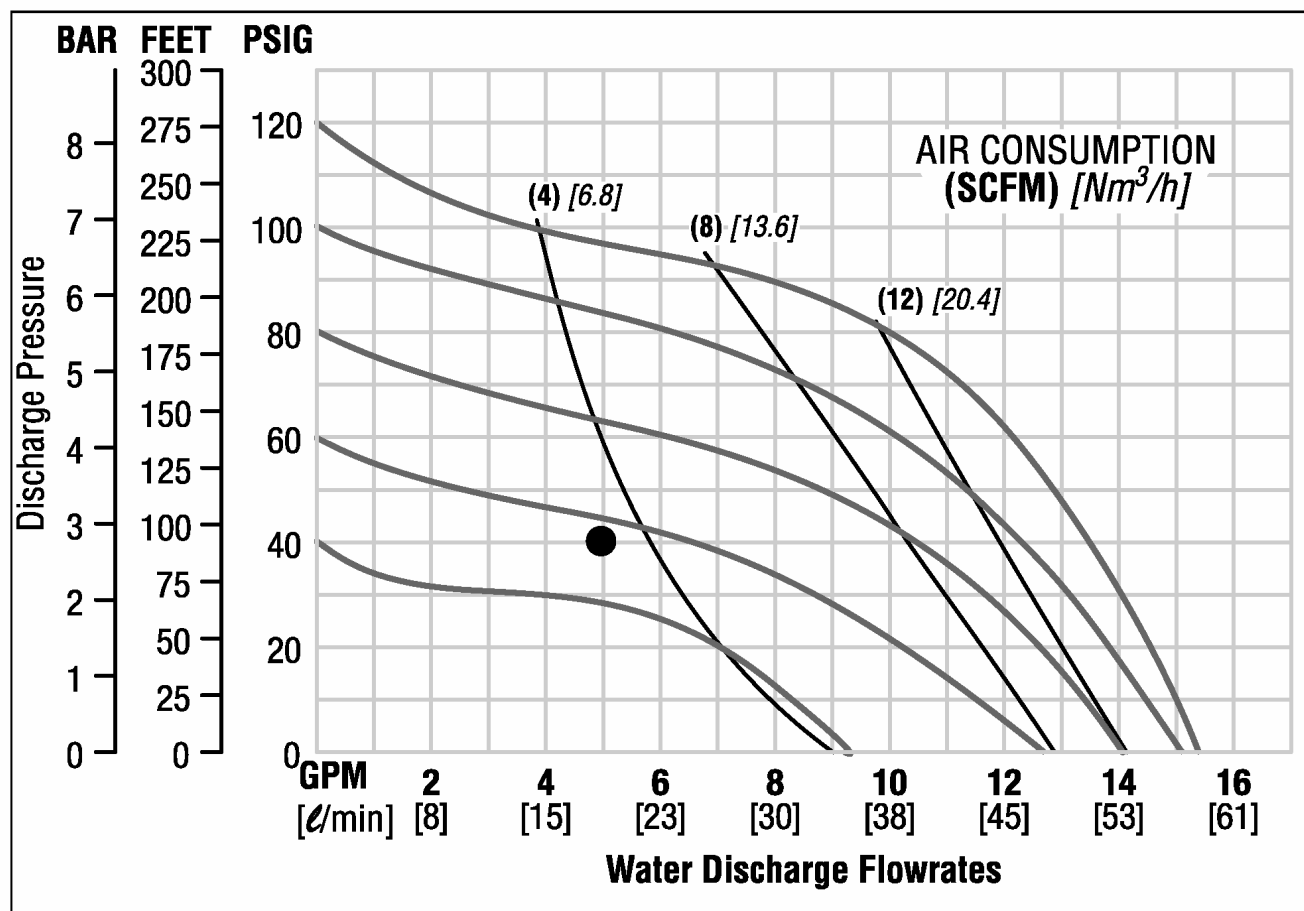
Max. Flow Rate.....58.30 lpm (15.4 gpm)

Max. Size Solids.....1.59 mm ($\frac{1}{16}$ "

¹Displacement per stroke was calculated at 4.8 Bar (70 psig) air inlet pressure against a 2 Bar (30 psig) head pressure.

Example: To pump 18.9 lpm (5 gpm) against a discharge pressure head of 2.7 Bar (40 psig) requires 3.86 Bar (56 psig) and 5.92 Nm³/h (3.5 scfm) air consumption. (See dot on chart.)

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 performance curve.

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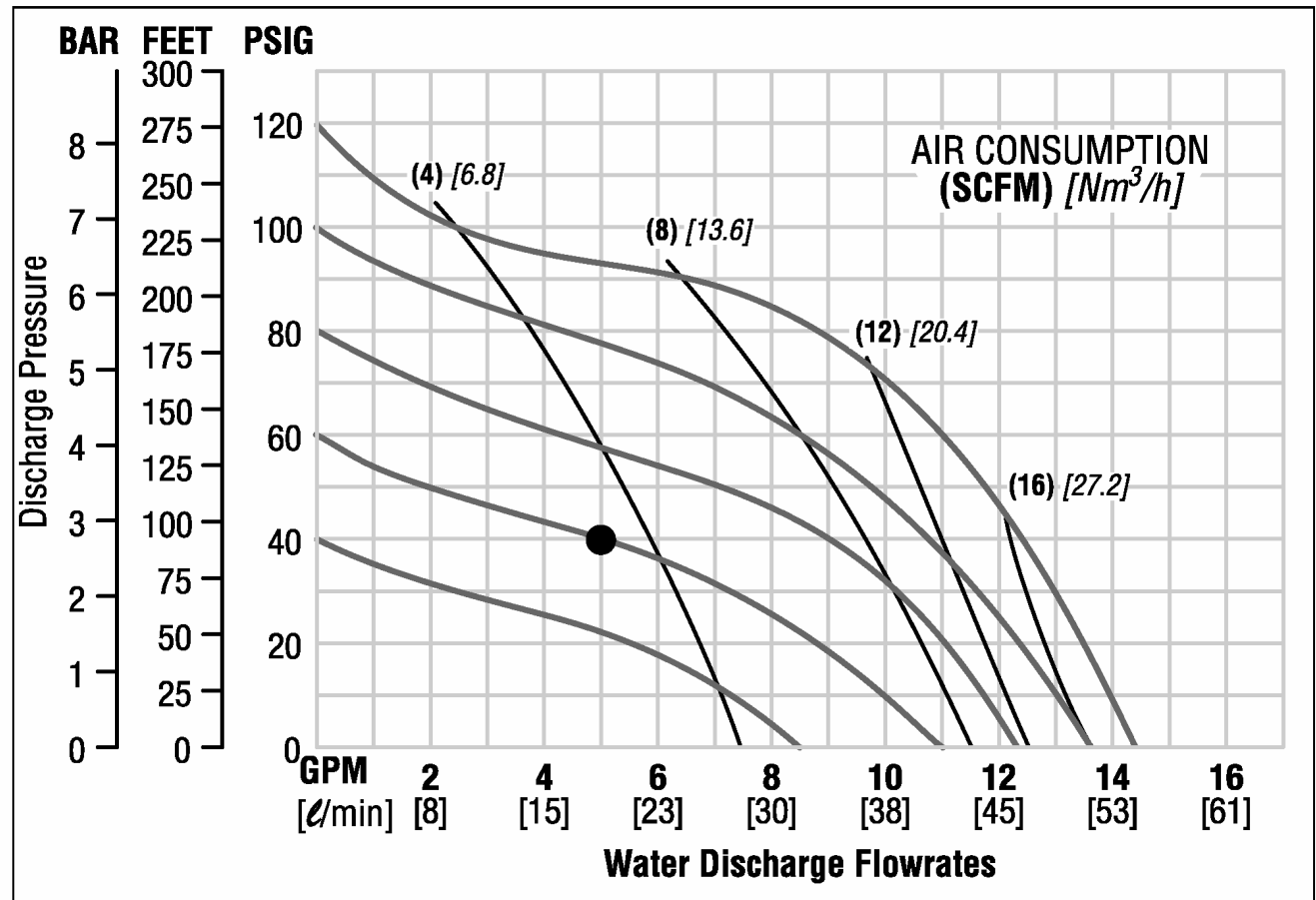
MODEL P1 METAL TEFLON®-FITTED

Height222.3 mm (8 $\frac{3}{4}$ "
Width207.2 mm (8 $\frac{5}{32}$ "
Depth.....204.8 mm (8 $\frac{1}{16}$ "
Ship WeightAluminum 6 kg (13 lbs.)
 Stainless Steel 9.2 kg (20 lbs.)
Air Inlet6.35 mm (1/4"
Inlet1.27 cm (1/2"
Outlet.....1.27 cm (1/2"
Suction Lift4.88 m Dry (16')
 9.45 m Wet (31')

Displacement per
 Stroke09 l (0.025 gal.)'
Max. Flow Rate.....54.41 lpm (14.4 gpm)
Max. Size Solids.....1.59 mm (1/16"
¹Displacement per stroke was calculated at 4.8 Bar (70 psig) air inlet pressure against a 2 Bar (30 psig) head pressure.

Example: To pump 18.9 lpm (5 gpm) against a discharge pressure head of 2.7 Bar (40 psig) requires 4 Bar (60 psig) and 5.92 Nm³/h (3.5 scfm) air consumption. (See dot on chart.)

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 performance curve.