

# TECHNIQUES DES FLUIDES

10 Rue Jean Poulmarch, bat. 3

Z.I. Du Val d'Argent

95100 Argenteuil

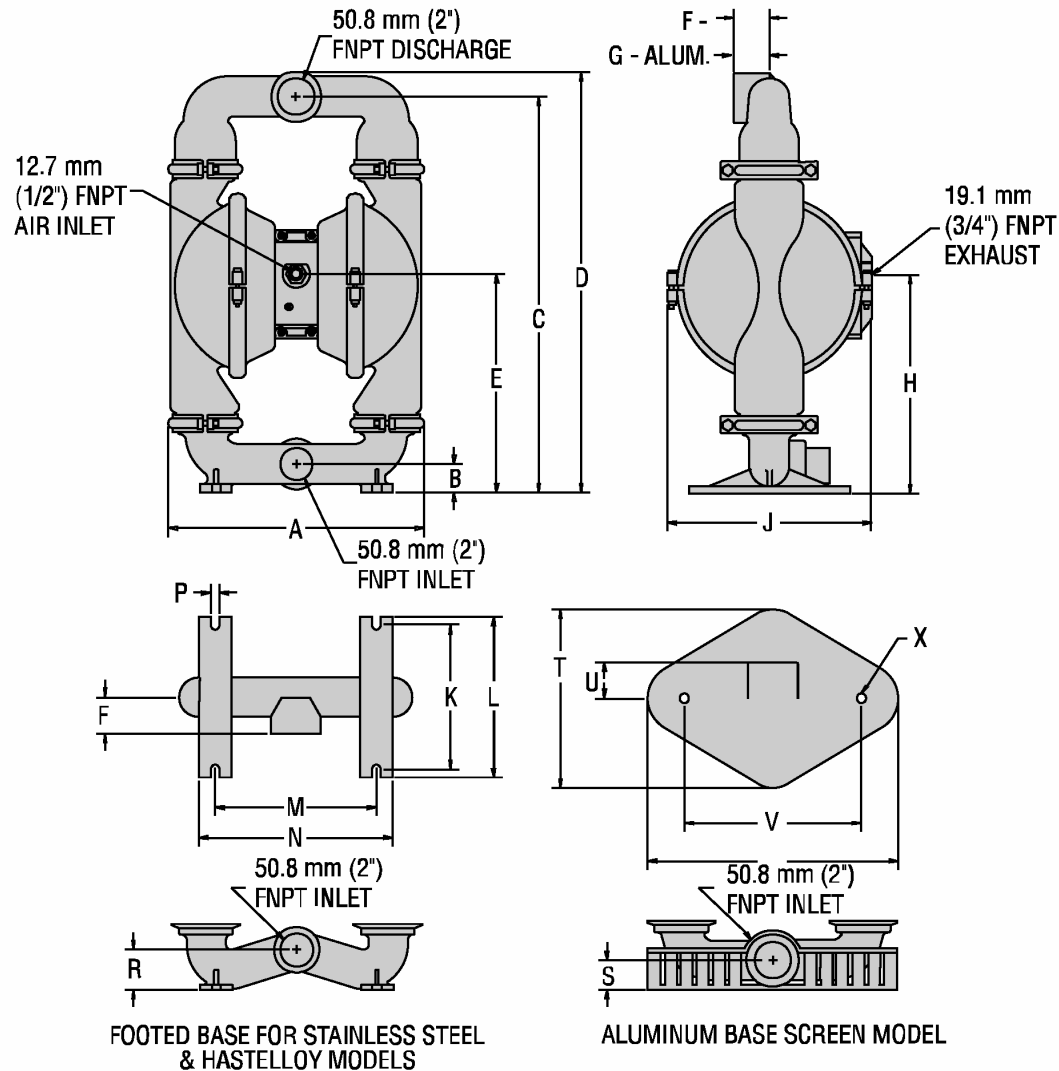
Tel. : 01.34.11.13.73 / Fax : 01.34.11.96.35

E-mail : tdf@techniquesfluides.fr

Site web : www.techniquesfluides.fr



## MODEL P8 METAL PUMP



DIMENSIONS – P8 METAL		
ITEM	METRIC (mm)	STANDARD (inch)
A	404.0	15 29/32
B	47.6	1 7/8
C	628.7	24 3/4
D	669.2	26 11/32
E	355.6	14
F	57.2	2 1/4
G	61.7	2 7/16
H	346.9	13 21/32
J	342.9	13 1/2
K	229.4	9 1/32
L	254.0	10
M	255.6	10 1/16
N	313.5	12 11/32
P	14.3	9/16
R	63.5	2 1/2
S	51.6	2 1/32
T	281.8	11 3/32
U	69.9	2 3/4
V	280.2	11 1/32
W	386.6	15 7/32
X	Ø14.3	Ø9/16

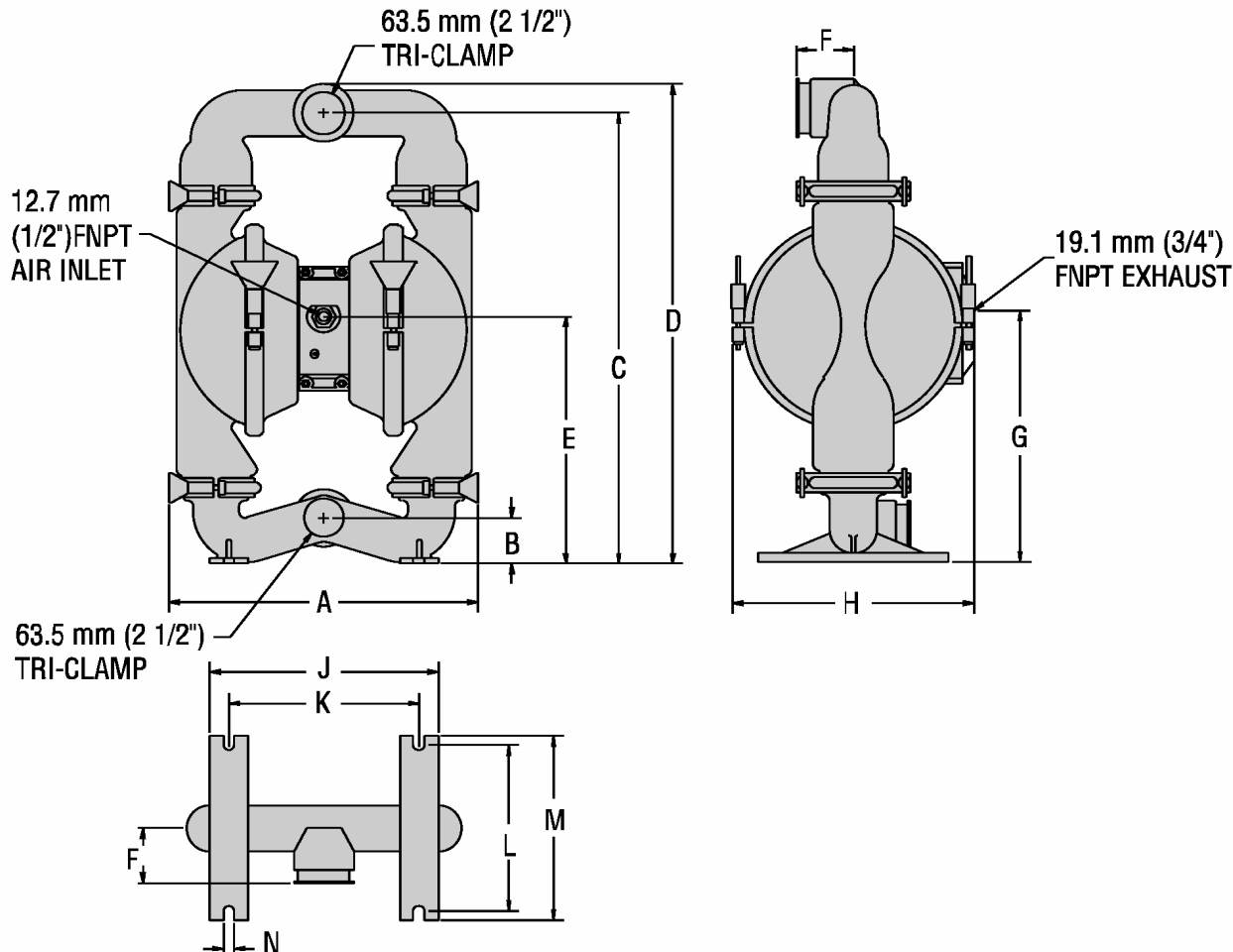
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## MODEL P8 METAL SANIFLO<sup>FDA</sup> PUMP



DIMENSIONS – P8 SANIFLO <sup>FDA</sup>		
ITEM	METRIC (mm)	STANDARD (inch)
A	435.0	17 1/8
B	63.5	2 1/2
C	625.5	24 5/8
D	665.2	26 3/16
E	347.7	13 11/16
F	76.2	3
G	342.9	13 1/2
H	346.1	13 5/8
J	304.8	12
K	254.0	10
L	228.6	9
M	254.0	10
N	14.3	9/16

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## MODEL P8 METAL RUBBER-FITTED

Height.....669.2 cm (26<sup>1</sup>/<sub>32</sub>" )  
 Width.....404.0 cm (15<sup>29</sup>/<sub>32</sub>" )  
 Depth.....342.9 cm (13<sup>1</sup>/<sub>2</sub>" )  
 Ship Weight.....Aluminum 31.8 kg (70 lbs.)  
                           316 Stainless Steel 51 kg (112 lbs.)  
                           Cast Iron 47.1 kg (104 lbs.)  
                           Hastelloy 51.7 kg (114 lbs.)  
 Air Inlet.....1.27 cm (1/2")  
 Inlet.....5.08 cm (2")  
 Outlet.....5.08 cm (2")  
 Suction Lift .....7.32 m Dry (24')  
                           9.45 m Wet (31')

Displacement per

Stroke ..... 2.99 l (.79 gal.)<sup>1</sup>

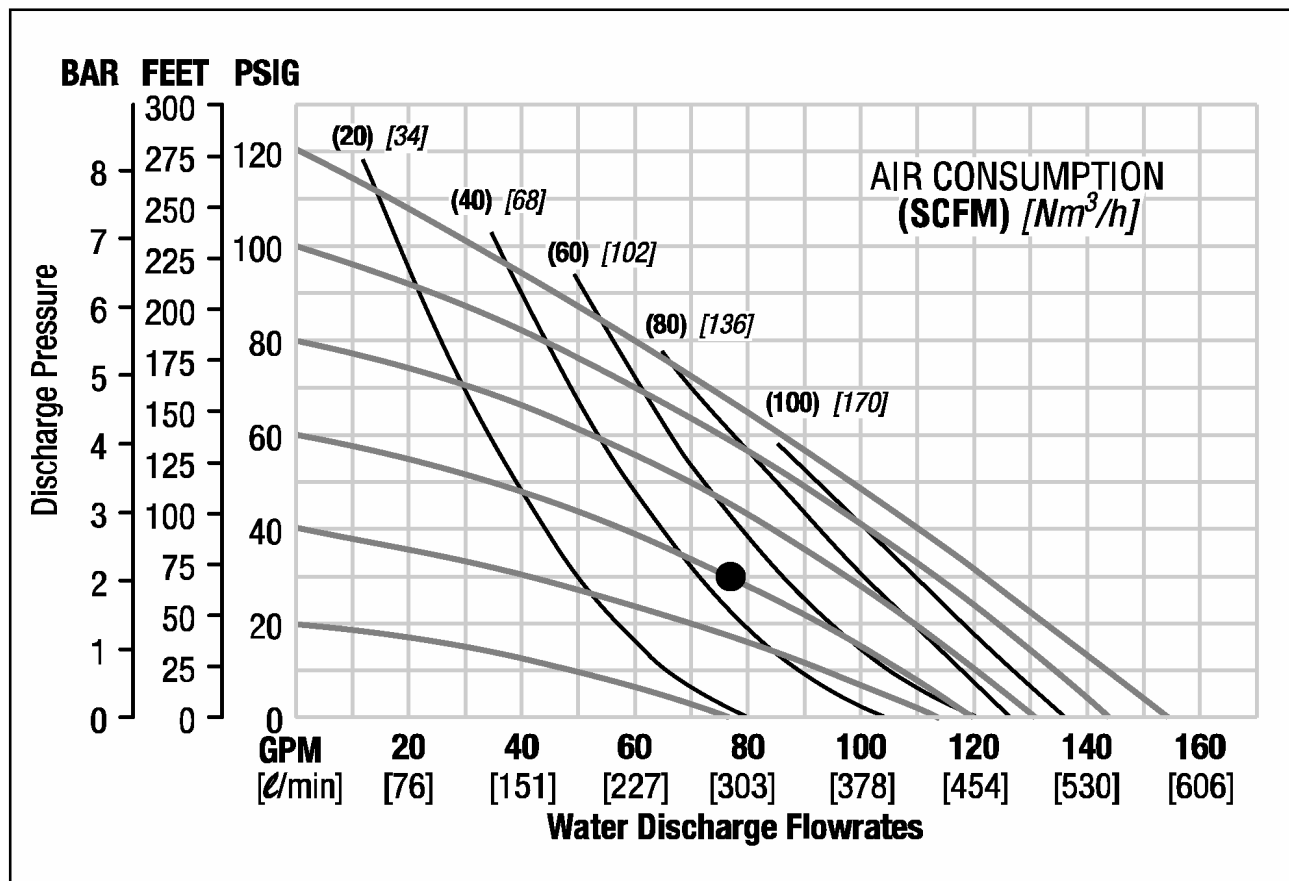
Max. Flow Rate.....886.7 l/m (155 gpm)

Max. Size Solids.....6.35 mm (1/4")

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

**Example:** To pump 291.5 lpm (77 gpm) against a discharge pressure head of 2.0 Bar (30 psig) requires 4.1 Bar (60 psig) and 78 Nm<sup>3</sup>/h (46 scfm) air consumption.

**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 P8 METAL ULTRA-FLEX™-FITTED

Height.....669.2 cm (26<sup>11</sup>/<sub>32</sub>" )  
 Width.....404.0 cm (15<sup>29</sup>/<sub>32</sub>" )  
 Depth.....342.9 cm (13<sup>1</sup>/<sub>2</sub>" )  
 Ship Weight.....Aluminum 31.8 kg (70 lbs.)  
                           316 Stainless Steel 51 kg (112 lbs.)  
                           Cast Iron 47.1 kg (104 lbs.)  
                           Hastelloy 51.7 kg (114 lbs.)  
 Air Inlet.....1.27 cm (1/2" )  
 Inlet.....5.08 cm (2" )  
 Outlet.....5.08 cm (2" )  
 Suction Lift .....4.88 m Dry (16' )  
                           8.84 m Wet (29' )

Displacement per

Stroke ..... 2.12 l (.56 gal.)<sup>1</sup>

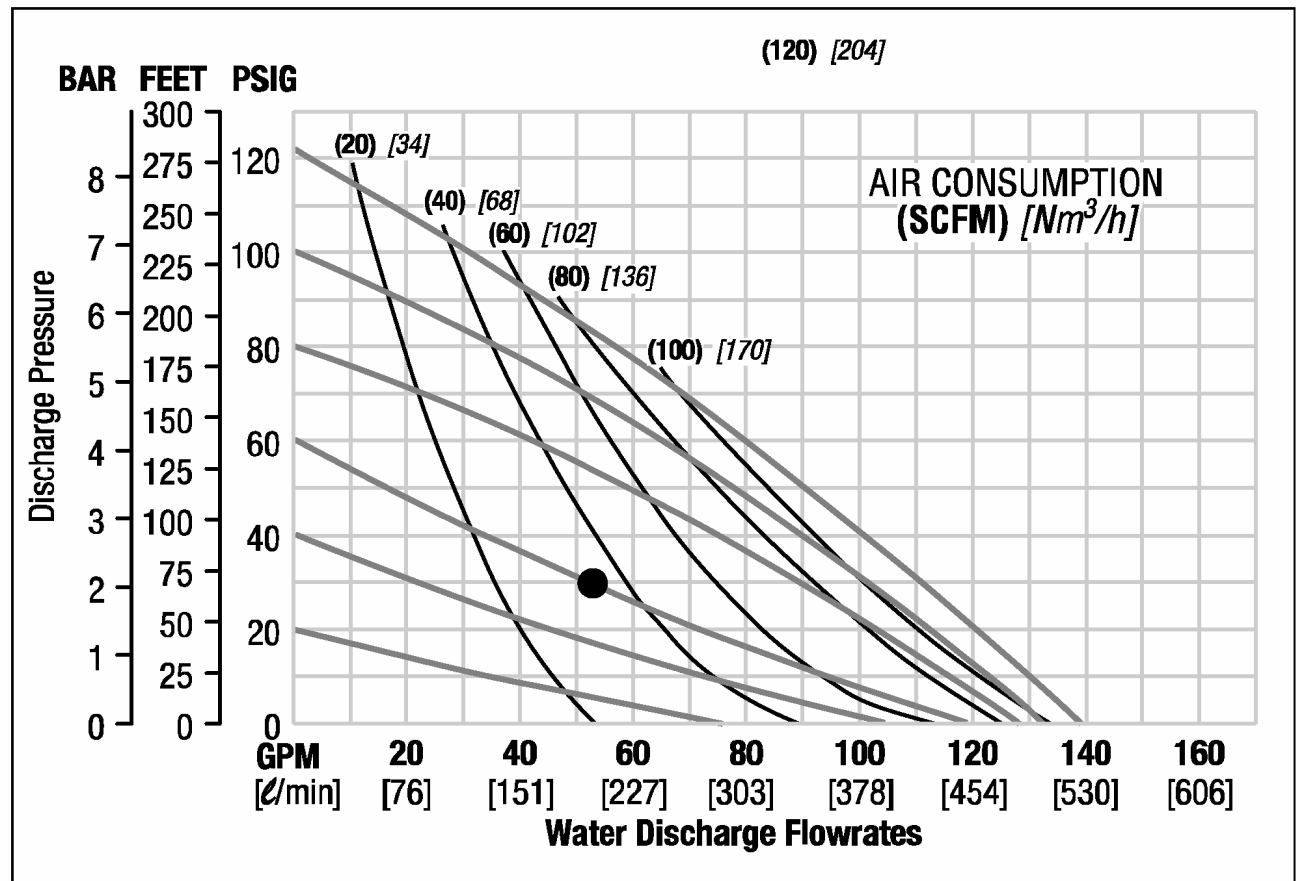
Max. Flow Rate.....526.17 l/m (139 gpm)

Max. Size Solids.....6.35 mm (1/4" )

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

**Example:** To pump 200 lpm (53 gpm) against a discharge pressure head of 2.0 Bar (30 psig) requires 4.1 Bar (60 psig) and 59.5 Nm<sup>3</sup>/h (35 scfm) air consumption.

**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 P8 METAL TPE-FITTED

Height.....669.2 cm (26<sup>11</sup>/<sub>32</sub>"")  
 Width.....404.0 cm (15<sup>29</sup>/<sub>32</sub>"")  
 Depth.....342.9 cm (13<sup>1</sup>/<sub>2</sub>"")  
 Ship Weight.....Aluminum 31.8 kg (70 lbs.)  
                           316 Stainless Steel 51 kg (112 lbs.)  
                           Cast Iron 47.1 kg (104 lbs.)  
                           Hastelloy 51.7 kg (114 lbs.)  
 Air Inlet.....1.27 cm (1/2")  
 Inlet.....5.08 cm (2")  
 Outlet.....5.08 cm (2")  
 Suction Lift .....7.01 m Dry (23')  
                           9.45 m Wet (31')

Displacement per

Stroke ..... 2.95 l (.78 gal.)<sup>1</sup>

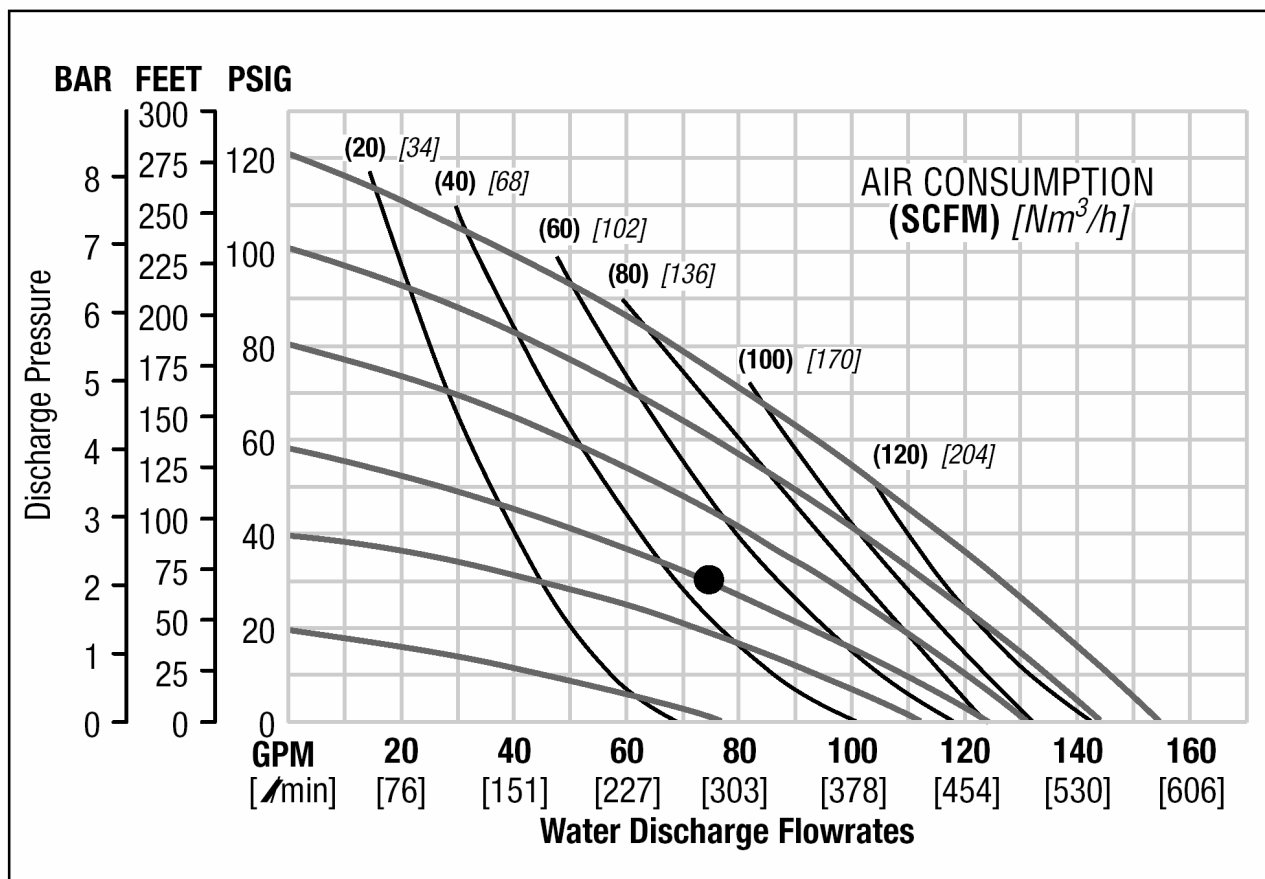
Max. Flow Rate.....590.5 l/m (156 gpm)

Max. Size Solids.....6.35 mm (1/4")

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

**Example:** To pump 284 lpm (75 gpm) against a discharge pressure head of 2.0 Bar (30 psig) requires 4.1 Bar (60 psig) and 78 Nm<sup>3</sup>/h (46 scfm) air consumption.

**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 P8 METAL TEFLON®-FITTED

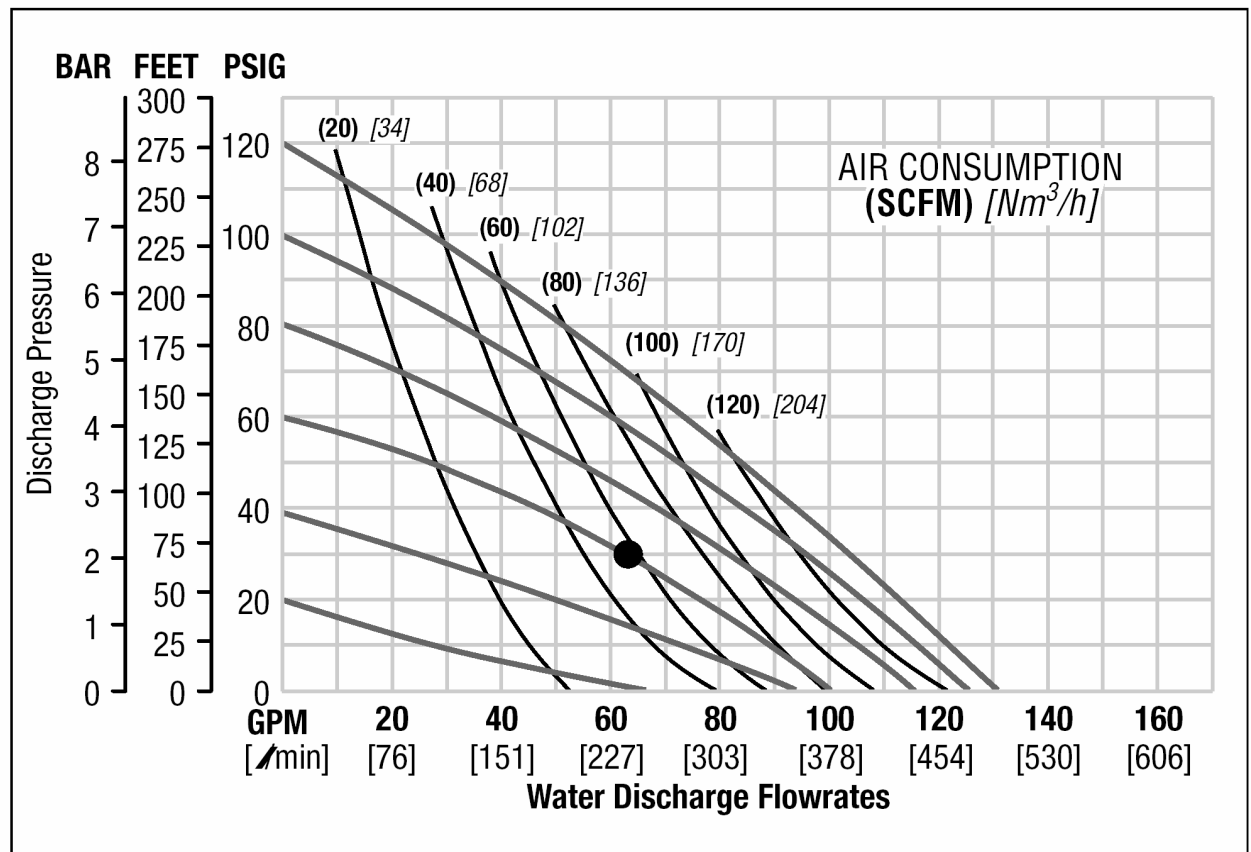
Height.....669.2 cm (26<sup>11</sup>/<sub>32</sub>"  
 Width.....404.0 cm (15<sup>29</sup>/<sub>32</sub>"  
 Depth.....342.9 cm (13<sup>1</sup>/<sub>2</sub>"  
 Ship Weight.....Aluminum 31.8 kg (70 lbs.)  
                           316 Stainless Steel 51 kg (112 lbs.)  
                           Cast Iron 47.1 kg (104 lbs.)  
                           Hastelloy 51.7 kg (114 lbs.)  
 Air Inlet.....1.27 cm (1/2"  
 Inlet.....5.08 cm (2"  
 Outlet.....5.08 cm (2"  
 Suction Lift .....4.57 m Dry (15'  
                           9.45 m Wet (31')

Displacement per  
 Stroke ..... 1.67 l (.44 gal.)<sup>1</sup>  
 Max. Flow Rate.....495.9 l/m (131 gpm)  
 Max. Size Solids.....6.35 mm (1/4")

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

**Example:** To pump 238 lpm (63 gpm) against a discharge pressure head of 2.0 Bar (30 psig) requires 4.1 Bar (60 psig) and 93.5 Nm<sup>3</sup>/h (55 scfm) air consumption.

**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.