

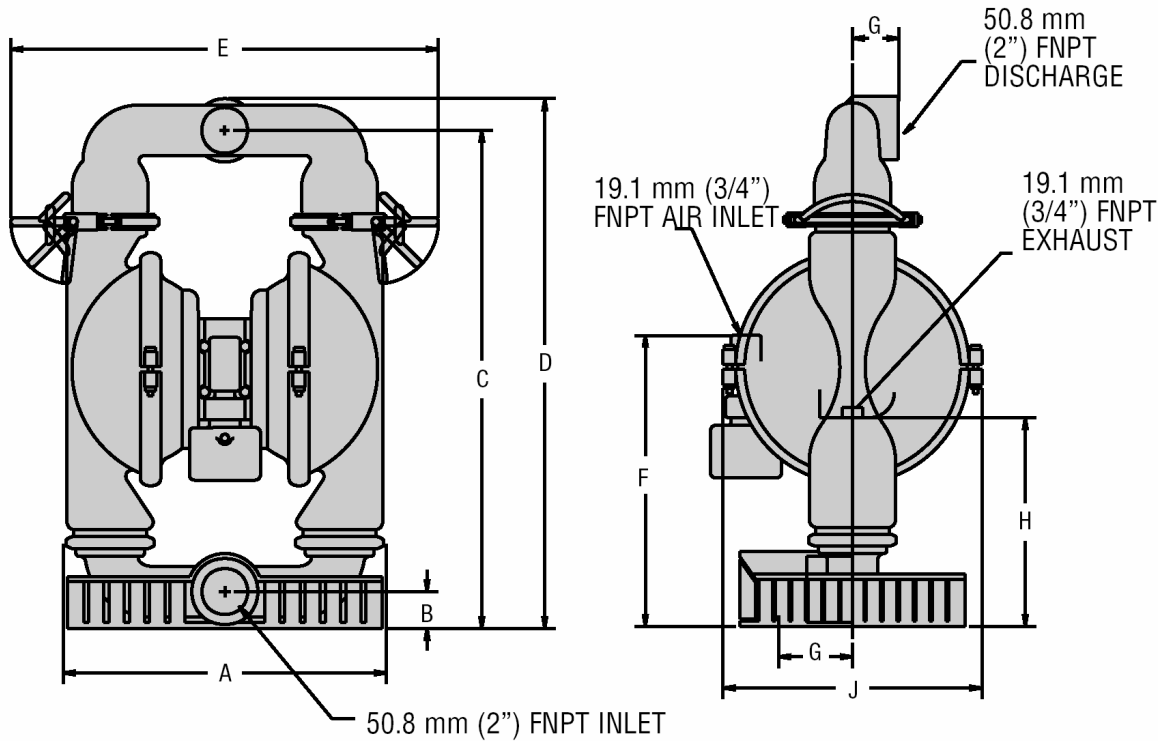
# TECHNIQUES DES FLUIDES

10 Rue Jean Poulmarch, bat. 3  
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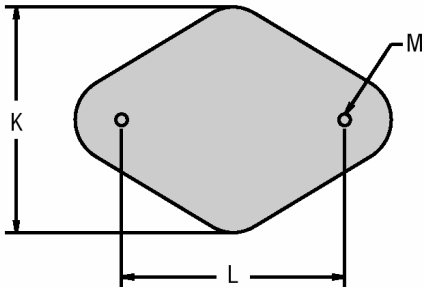


## WILDEN MODEL T8 METAL STALLION



DIMENSIONS – T8 (STALLION)		
ITEM	METRIC (mm)	STANDARD (inch)
A	409.6	16.12
B	44.5	1.75
C	625.5	24.62
D	665.2	26.18
E	609.6	24
F	374.1	14.75
G	61.7	2.43
H	263.5	10.37
J	346.1	13.62
K	282.6	11.12
L	279.4	11
M	Ø14.3	Ø.56

1. Available in BSP threads.



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## MODEL T8 METAL STALLION 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.....254.0 cm (10"

Ship Weight.....Aluminum 33.1 kg (72 lbs.)

Cast Iron 52.4 kg (114 lbs.)

316 Stainless Steel 48.8 kg (106 lbs.)

Hastelloy 53.4 kg (116 lbs.)

Air Inlet .....19.1 mm (¾"

Inlet.....5.08 cm (2"

Outlet.....5.08 cm (2"

Suction Lift .....3.35 m Dry (11'

9.45 m Wet (31')

Displacement per

Stroke ..... 1.67 l (0.44 gal.)<sup>1</sup>

Max. Flow Rate.....567.81 lpm (150 gpm)

Max. Size Solids.....1.91 cm (¾"

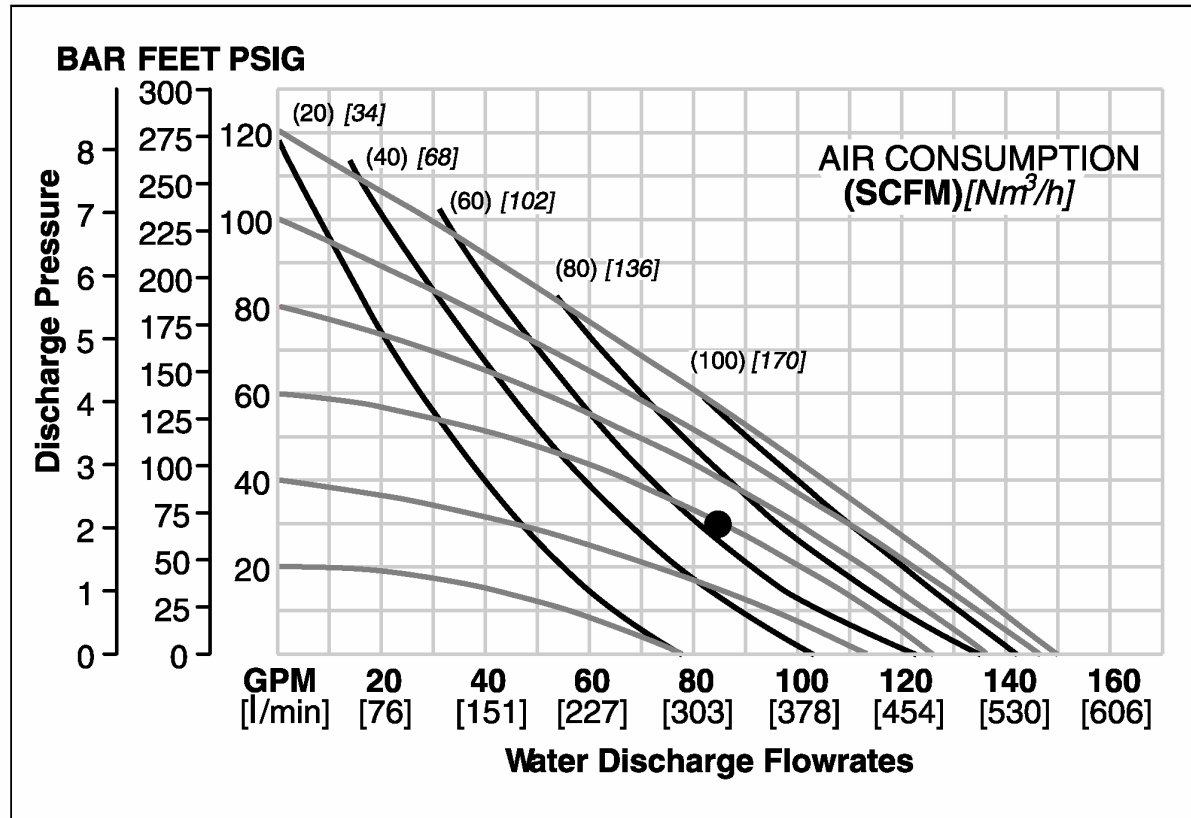
<sup>1</sup>Displacement per stroke was calculated at 4.8

Bar (70 psig) air inlet pressure against a 2 Bar

(30 psig) head pressure.

**Example:** To pump 322 lpm (85 gpm) against a discharge pressure head of 2.1 Bar (30 psig) requires 4.1 Bar (60 psig) and 110.5 Nm<sup>3</sup>/h (65 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 T8 METAL STALLION TPE-FITTED

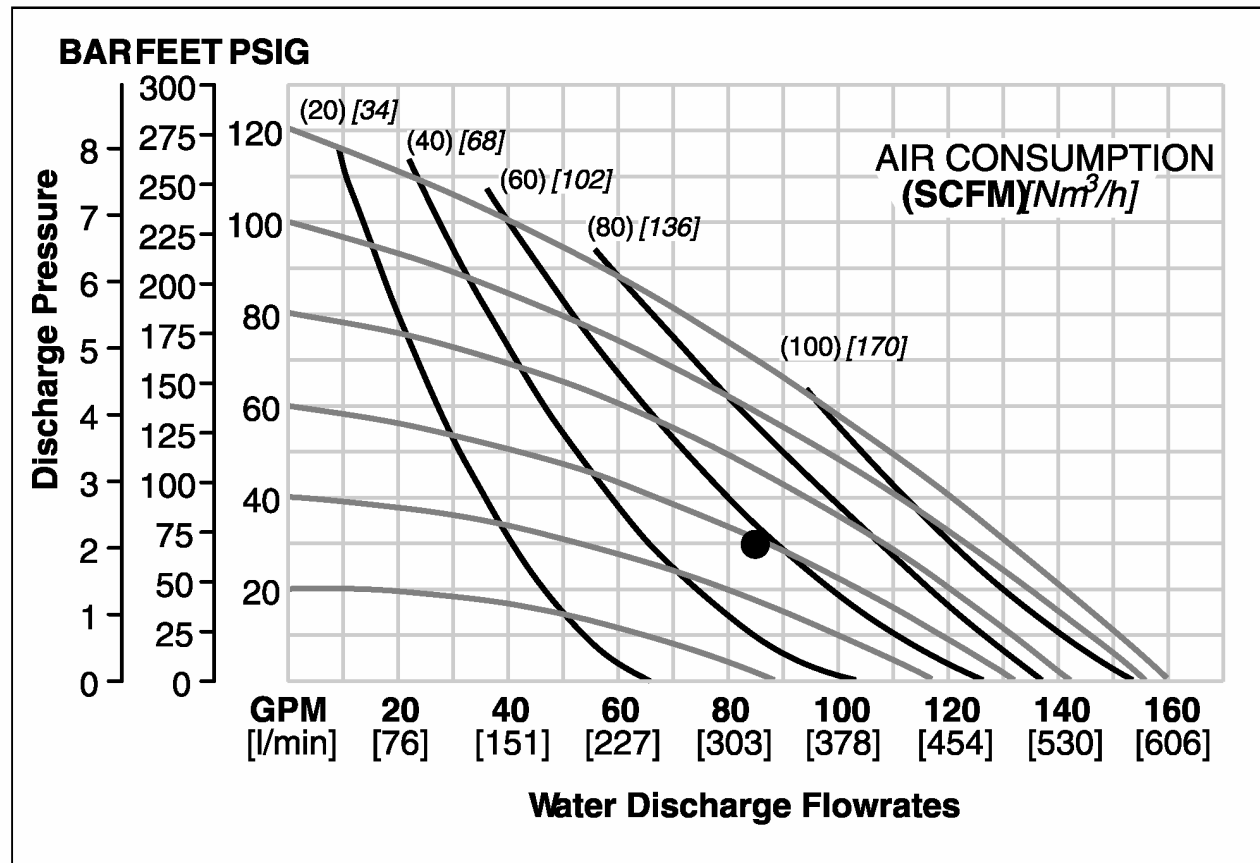
Height.....669.2 cm (26<sup>1</sup>/<sub>32</sub>"")  
Width.....404.0 cm (15<sup>29</sup>/<sub>32</sub>"")  
Depth.....254.0 cm (10")  
Ship Weight.....Aluminum 33.1 kg (72 lbs.)  
Cast Iron 52.4 kg (114 lbs.)  
316 Stainless Steel 48.8 kg (106 lbs.)  
Hastelloy 53.4 kg (116 lbs.)  
Air Inlet .....19.1 mm (¾")  
Inlet.....5.08 cm (2")  
Outlet .....5.08 cm (2")  
Suction Lift .....3.35 m Dry (7')  
9.45 m Wet (28')

Displacement per  
Stroke ..... 1.89 l (0.5 gal.)<sup>1</sup>  
Max. Flow Rate.....605.67 lpm (160 gpm)  
Max. Size Solids.....1.91 cm (¾")

<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 322 lpm (85 gpm) against a discharge pressure head of 2.1 Bar (30 psig) requires 4.1 Bar (60 psig) and 94 Nm<sup>3</sup>/h (55 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.