

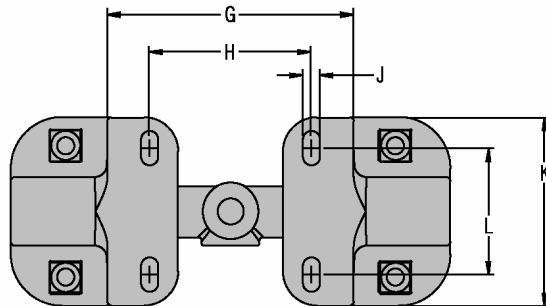
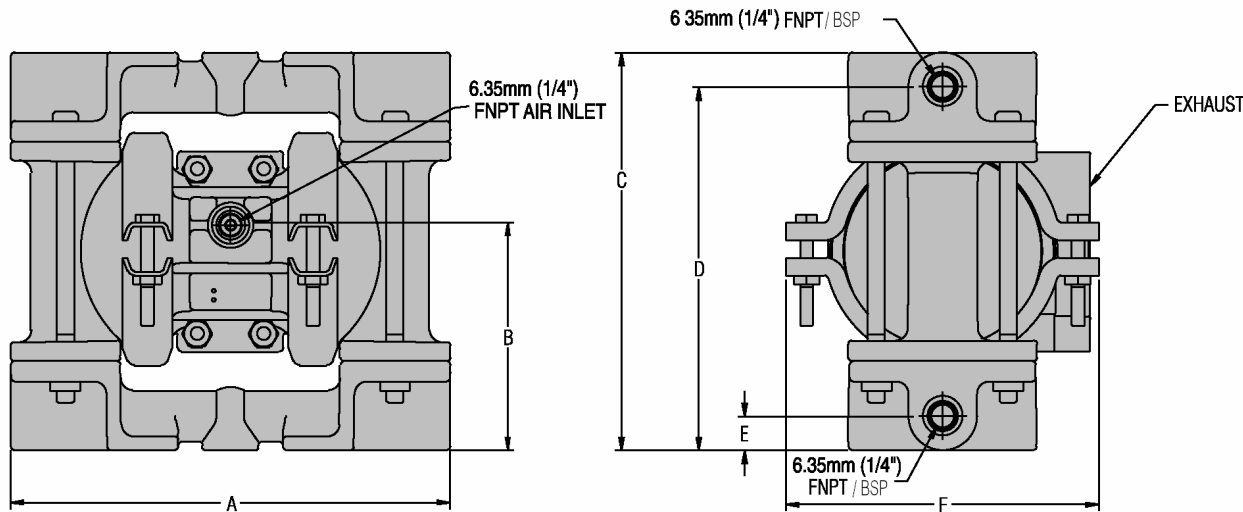
# TECHNIQUES DES FLUIDES

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 P.025 METAL



DIMENSIONS – P.025 Pro-Flo™		
ITEM	METRIC (mm)	STANDARD (inch)
A	165.1	6 1/2
B	84.1	3 5/16
C	148.4	5 27/32
D	135.7	5 11/32
E	12.7	1/2
F	114.3	4 1/2
G	92.1	3 5/8
H	60.3	2 3/8
J	6.4	1/4
K	69.9	2 3/4
L	46.8	1 27/32

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## MODEL P.025 METAL RUBBER-FITTED

Height .....148.4 mm (5<sup>27</sup>/<sub>32</sub>" )  
 Width .....165.1 mm (6<sup>1</sup>/<sub>2</sub>" )  
 Depth .....114.3 mm (4<sup>1</sup>/<sub>2</sub>" )  
 Ship Weight .....Aluminum 1.8 kg (4 lbs.)  
                                   Stainless Steel 4.0 kg (8.9 lbs.)  
                                   Hastelloy® 4.3 kg (9.5 lbs.)  
 Air Inlet .....3.18 mm (1/8")  
 Inlet .....6.35 mm (1/4")  
 Outlet .....6.35 mm (1/4")  
 Suction Lift .....3.3 m Dry (10'8")  
                                   9.3 m Wet (30'6")

Displacement per

Stroke ..... 0.02 l (0.005 gal.)<sup>1</sup>

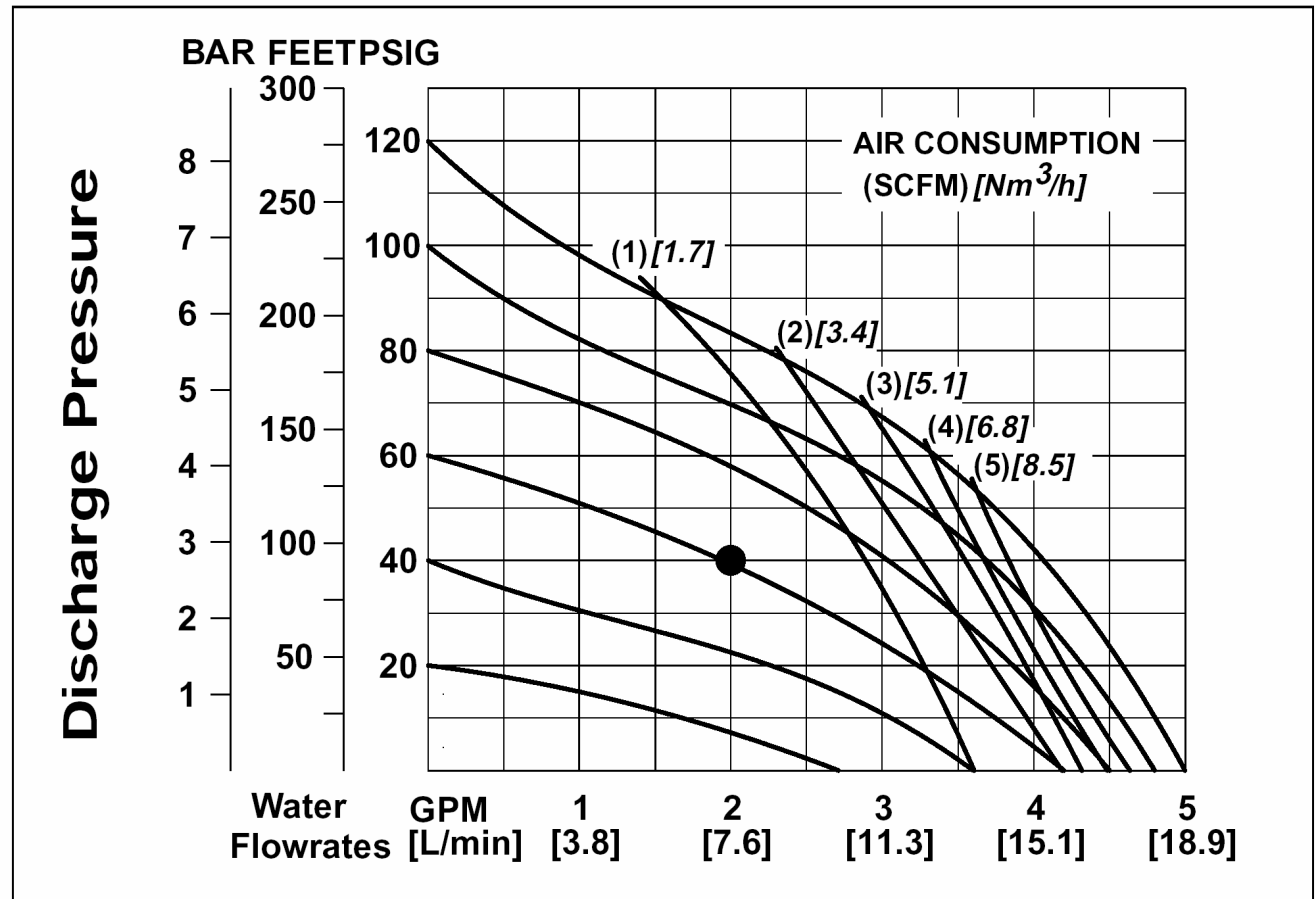
Max. Flow Rate .....18.9 lpm (5 gpm)

Max. Size Solids ..... .4 mm (1/64")

<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 40 psig (2.8 Bar) 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) 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 P.025 METAL TPE-FITTED

Height .....148.4 mm (5<sup>27</sup>/<sub>32</sub>" )  
Width .....165.1 mm (6<sup>1</sup>/<sub>2</sub>" )  
Depth .....114.3 mm (4<sup>1</sup>/<sub>2</sub>" )  
Ship Weight .....Aluminum 1.8 kg (4 lbs.)  
                                  Stainless Steel 4.0 kg (8.9 lbs.)  
                                  Hastelloy® 4.3 kg (9.5 lbs.)  
Air Inlet .....3.18 mm (1/8")  
Inlet .....6.35 mm (1/4")  
Outlet .....6.35 mm (1/4")  
Suction Lift .....4.1 m Dry (13'6")  
                                  9.3 m Wet (30'6")

Displacement per

Stroke ..... 0.02 l (0.005 gal.)<sup>1</sup>

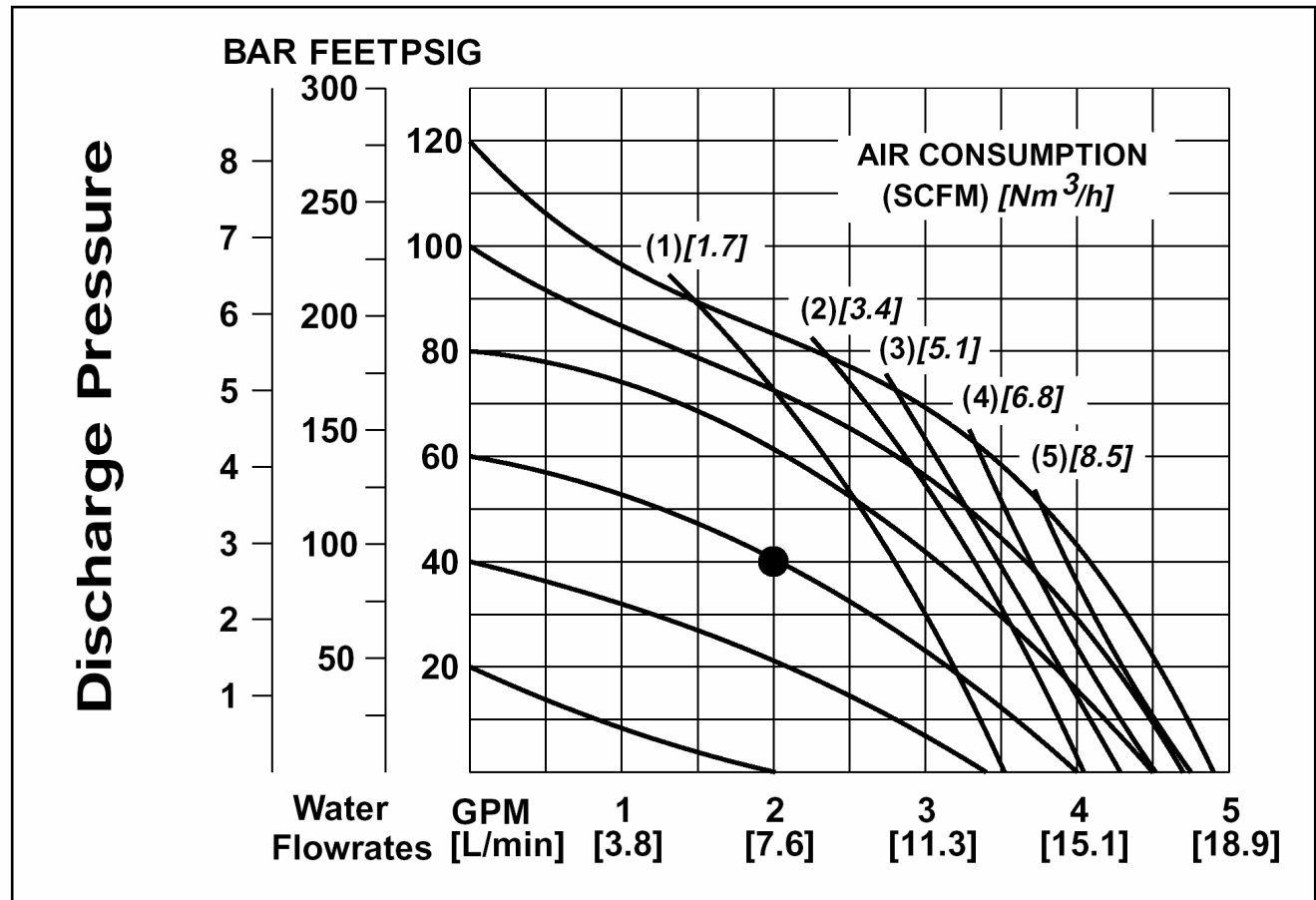
Max. Flow Rate .....18.9 lpm (5 gpm)

Max. Size Solids ..... .4 mm (1/64")

<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 40 psig (2.8 Bar) requires 4.0 Bar (59 psig) and 1.1 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.**



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 P.025 METAL TEFLON®-FITTED

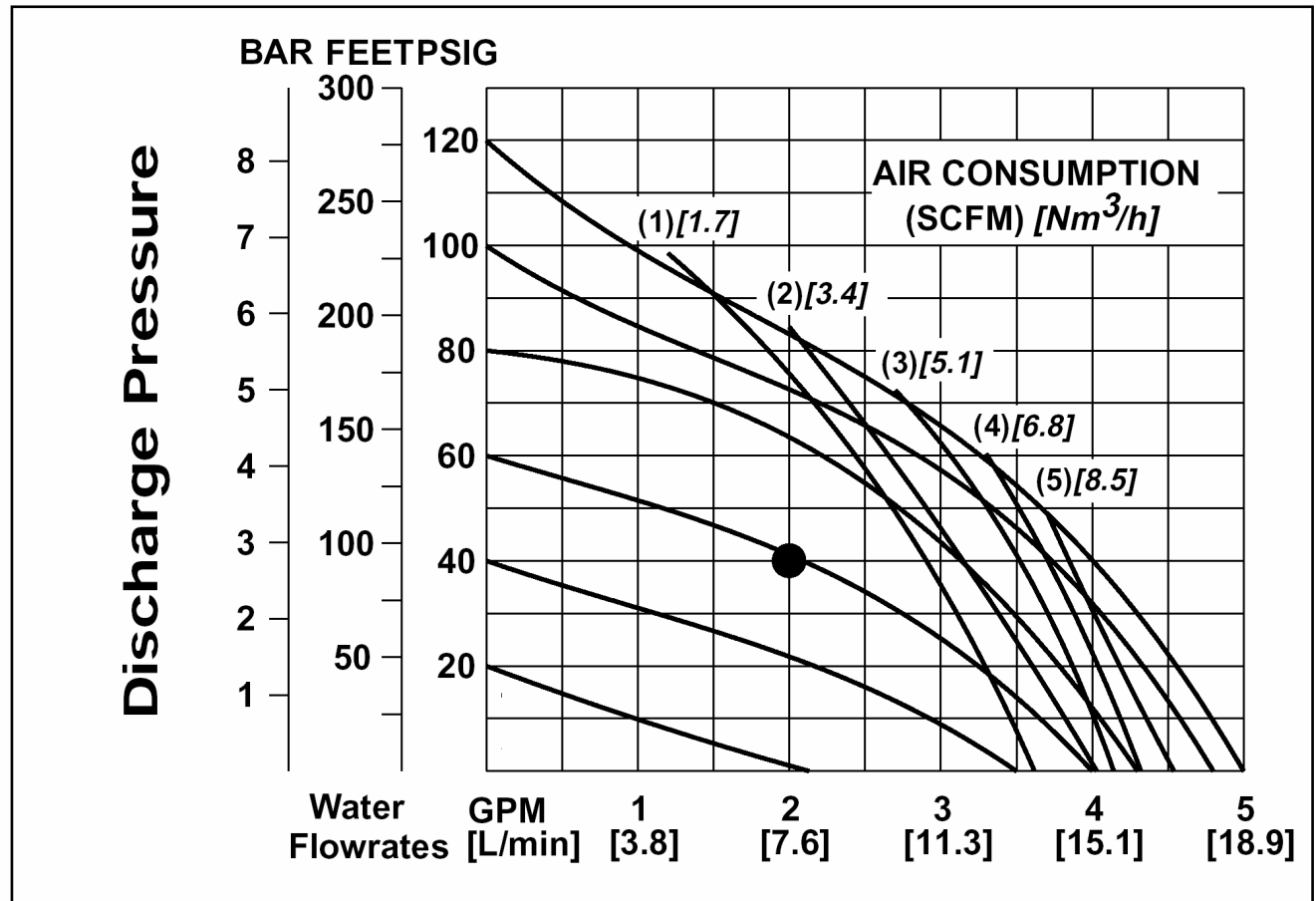
Height .....148.4 mm (5<sup>27</sup>/<sub>32</sub>" )  
 Width .....165.1 mm (6<sup>1</sup>/<sub>2</sub>" )  
 Depth .....114.3 mm (4<sup>1</sup>/<sub>2</sub>" )  
 Ship Weight .....Aluminum 1.8 kg (4 lbs.)  
                           Stainless Steel 4.0 kg (8.9 lbs.)  
                           Hastelloy® 4.3 kg (9.5 lbs.)  
 Air Inlet .....3.18 mm (1<sup>1</sup>/<sub>8</sub>" )  
 Inlet .....6.35 mm (1<sup>1</sup>/<sub>4</sub>" )  
 Outlet .....6.35 mm (1<sup>1</sup>/<sub>4</sub>" )  
 Suction Lift .....4 m Dry (13')  
                           9.5 m Wet (31'2")

Displacement per  
 Stroke ..... 0.02 l (0.005 gal.)<sup>1</sup>  
 Max. Flow Rate .....18.9 lpm (5 gpm)  
 Max. Size Solids ..... .4 mm (1<sup>1</sup>/<sub>64</sub>" )

<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 4.0 Bar (58 psig) and 1.0 Nm<sup>3</sup>/h (.6 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.