

# Self-Priming Centrifugal Pedestal Pumps



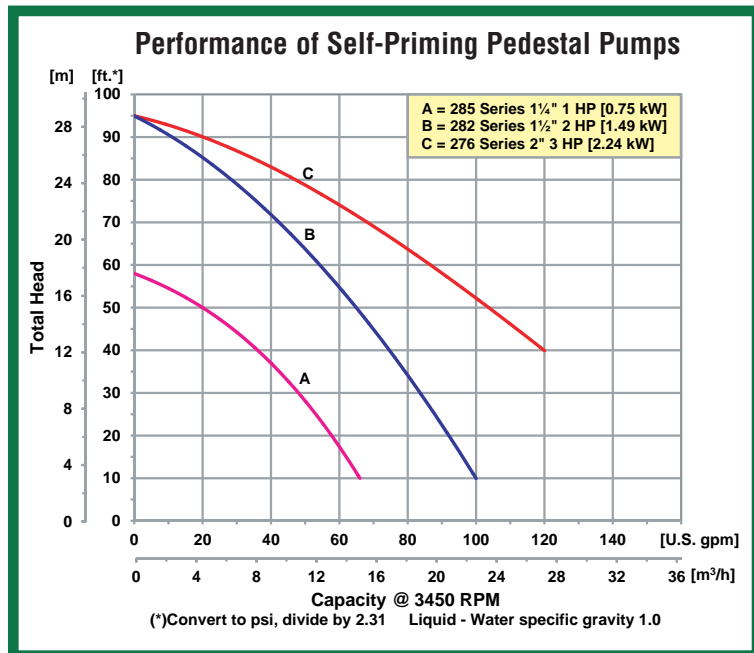
Model 2760-99



Model 2850-99

AMT Self-Priming Centrifugal Pedestal pumps are designed for a wide range of industrial, agricultural and commercial applications. Dual volute design reduces radial load on bearings and motor. Heavy duty cast iron construction with Buna-N seals or stainless steel with Viton® seals. Pumps are fitted with a self-cleaning, semi-open impeller and are coupled to a heavy duty cast iron bearing housing with a CNC machined keyed shaft extension and sealed ball bearings. The pump has been designed for either direct connection or belt drive. The maximum recommended RPM is 4,000.

- **Cast Iron & Stainless Steel Construction**
- **Buna-N Mechanical Seals on Cast Iron Models**
- **Viton® Mechanical Seals on Stainless Steel Models**
- **Optional Silicon Carbide Mechanical Seals Available**
- **1-1/4", 1-1/2" or 2" NPT Suction and Discharge Port Sizes**
- **Dual Volute Design Reduces Radial Load on Motors**
- **Maximum Temperature**
  - ◆ **Buna-N 180° F**
  - ◆ **Viton® 200° F**
- **Self-Cleaning, Semi-Open Impeller**
- **Heavy Duty Cast Iron Pedestal Drive with Sealed Ball Bearings**



400 Spring Street • Royersford, PA 19468 USA

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For use with nonflammable liquids compatible with pump component materials. Viton® and Teflon® are registered trademarks of E. I. DuPont.

## Pump Dimensional & Specification Data

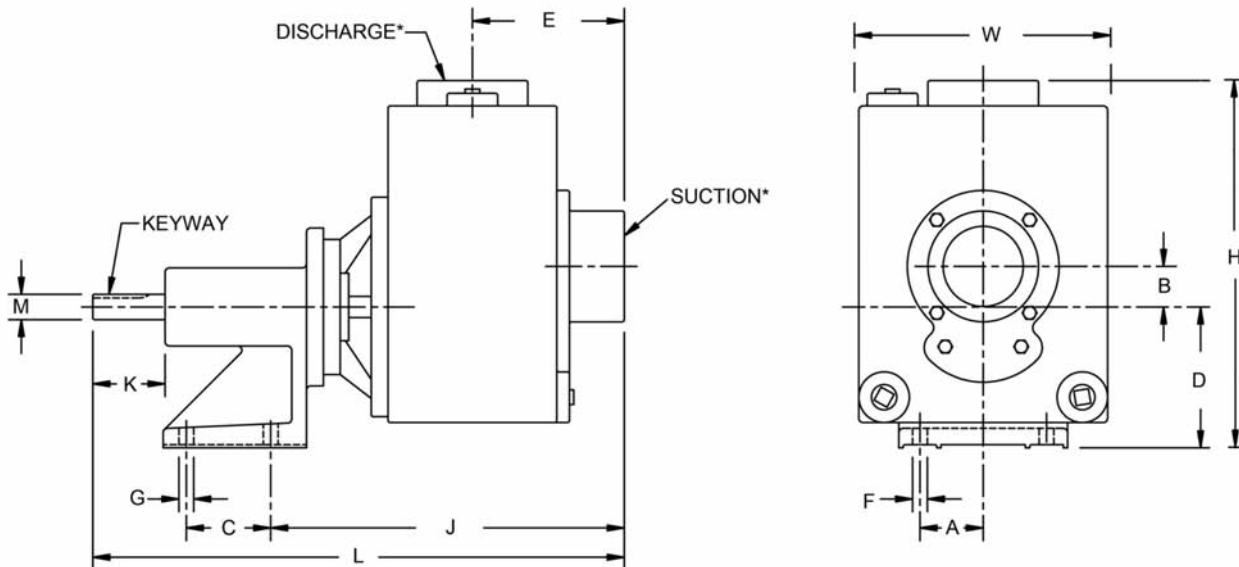
Model	A	B	C	D	E	F	G	J	K	M (Dia.)	L	W	H
2850-99	1.7 [4.3]	2.4 [6.1]	N/A	3.2 [8.1]	2.8 [7.1]	0.7 [1.7]	0.5 [1.2]	8.4 [21.3]	1.3 [3.3]	5/8	11.8 [29.9]	5.8 [14.7]	6.8 [17.2]
2820-98	1.8 [4.5]	0.4 [1.0]	3.0 [7.6]	4.2 [10.6]	3.5 [8.8]	0.4 [1.0]	0.4 [1.0]	9.1 [23.1]	2.1 [5.3]	3/4	11.1 [28.1]	7.5 [19.0]	9.3 [23.6]
2820-99	2.2 [5.5]	0.4 [1.0]	N/A	4.5 [11.4]	3.5 [8.8]	0.7 [1.7]	0.5 [1.2]	7.1 [18.0]	1.3 [3.3]	5/8	11.1 [28.1]	7.5 [19.0]	9.6 [24.3]
2760-99	1.8 [4.5]	1.2 [3.0]	2.5 [6.3]	4.1 [10.4]	4.5 [11.4]	0.4 [1.0]	0.4 [1.0]	10.4 [26.4]	1.1 [2.7]	3/4	15.7 [39.8]	7.5 [19.0]	10.8 [27.4]
2761-99	1.8 [4.5]	1.2 [3.0]	3.0 [7.6]	4.2 [10.6]	4.5 [11.4]	0.4 [1.0]	0.4 [1.0]	10.4 [26.4]	2.1 [5.3]	3/4	15.7 [39.8]	7.5 [19.0]	10.9 [27.6]

NOTE: Dimensions are in inches (centimeters) and have a tolerance of  $\pm 1/8"$ .

Maximum Solids Handling Capacity: 3/8" Diameter

Model	Curve	SUC*	DIS*	Keyway	Minimum BHP Required @ 3450 RPM	Construction Material	Ship Wt. (Lbs.)
2850-99	A	1 1/4"	1 1/4"	3/16" x 1"	1	Cast Iron	23
2820-99	B	1 1/2"	1 1/2"	3/16" x 1"	2	Cast Iron	32
2820-98	B	1 1/2"	1 1/2"	3/16" x 1-7/8"	2	Stainless Steel	32
2760-99	C	2"	2"	3/16" x 1-7/8"	3	Cast Iron	48
2761-99	C	2"	2"	3/16" x 1-7/8"	3	Stainless Steel	48

(\*) Standard NPT (Female) pipe thread.



## Standard Features

- Cast Iron & Stainless Steel Construction
- Mechanical Seal:
  - Cast Iron Buna-N
  - Stainless Steel Viton®
- Maximum Temperature:
  - Buna-N 180° F
  - Viton® 200° F
- 1-1/4", 1-1/2" or 2" NPT Suction and Discharge Port Sizes
- Maximum Working Pressure 75 PSI
- Solids Handling to 3/8" Diameter
- Built-In Check Valve on 1-1/2" & 2" Models
- Self-priming up to 20 Ft. @ 3450 RPM
- Dual Volute Design Reduces Radial Load on Motor
- QSP – Quick Ship Pump for Many Models