



Self-Priming Centrifugal Pumps

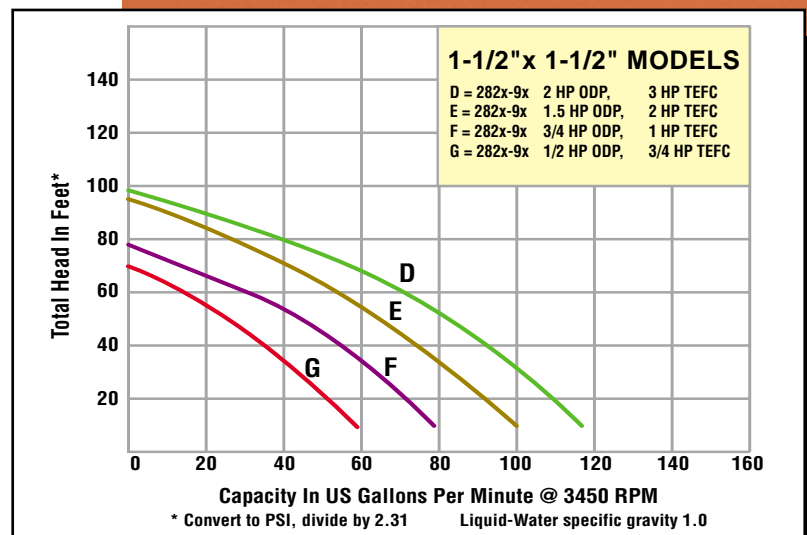
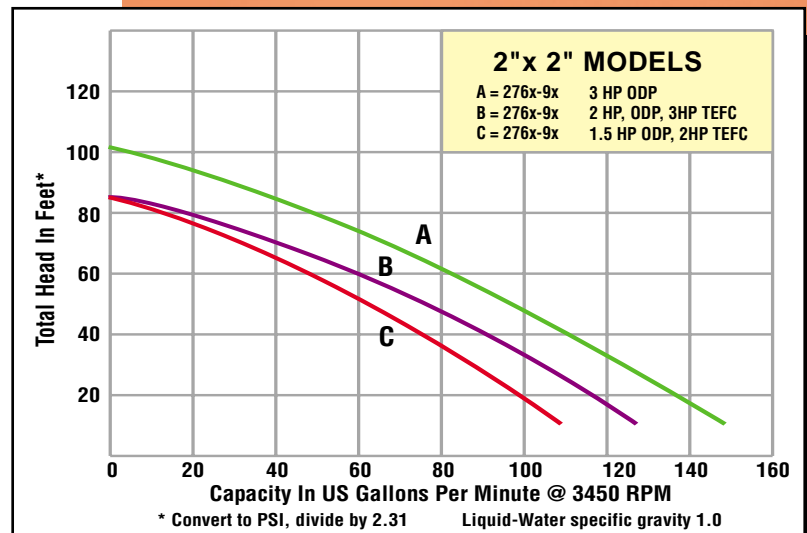
- **316 Investment Cast Stainless Steel Construction with Viton® Seals; Maximum Temperature 200° F**
- **Cast Iron Construction with Buna N Seals; Maximum Temperature 180° F**
- **Optional Silicon Carbide Seals Available**
- **1-1/2" and 2" NPT Port Sizes**
- **Self-Priming up to 20 Ft.**
- **Maximum Working Pressure 75 PSI**
- **Maximum Flow 150 GPM**
- **Maximum Head 102 Ft. (44 PSI)**
- **Dual Volute Design**
- **Self-cleaning, Clog Resistant Impeller**
- **Built In Check Valve**
- **Available with Open Drip Proof (ODP) or Totally Enclosed Fan Cooled (TEFC) Motors**
- **1/2 to 3 HP 56J Single and Three Phase, 3450 RPM Motors**

This line of AMT Self-priming Centrifugal pumps is designed for Industrial and Commercial applications requiring high volume liquid transfer, waste water drainage and processing. These pumps feature self-cleaning clog resistant impeller capable of handling up to 3/8" diameter semi-solids. Built in Flapper/Check valves enable constant self-priming to 20 feet. Dual volute design reduces radial load on motor. Stainless Steel models are especially effective in applications when rust and/or corrosion can develop in systems and also are highly resistant to erosion and chemicals. Cast Iron models offer durability, high quality and value that continue to set the standard in the industry.

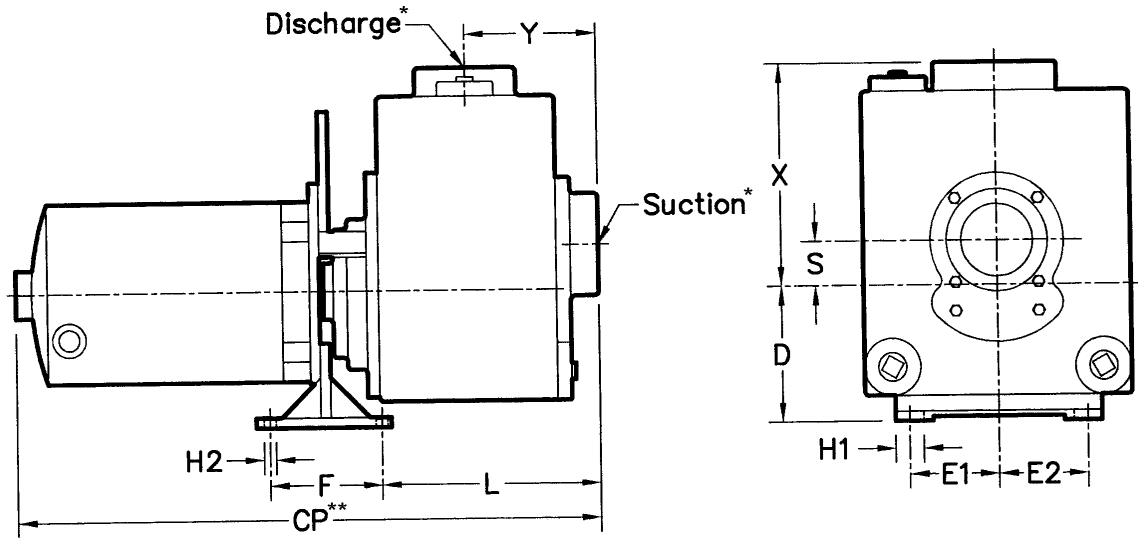
AMT Centrifugal pumps are reliable, cost effective and low maintenance. Many are readily available "Off-the-Shelf" for fast, same day shipment. For use with nonflammable liquids compatible with pump component materials.



Model 2761-95



Self-Priming Centrifugal Pumps



Pump Dimensional & Specification Chart

Cast Iron Models	Stainless Models	HP	PH	ENC	Voltage @ 60 Hz+	Full Load Amps	SUC*	DIS*	CP**	D	E1	E2	F	H1	H2	L	S	X	Y	Cast Iron Ship Wt	Stainless Ship Wt
2827-95	2827-98	1/2	1	ODP	115/230	10/5	1-1/2"	1-1/2"	16.9	4.5	2.2	2.2	3.0	0.5	0.7	5.4	0.9	5.1	3.5	47 Lbs.	50 Lbs.
282J-95	282J-98	1/2	3	ODP	230/460	4/2	1-1/2"	1-1/2"	17.4	4.5	2.2	2.2	3.0	0.5	0.7	5.4	0.9	5.1	3.5	51 Lbs.	53 Lbs.
2825-95	2825-98	3/4	1	ODP	115/230	13/7	1-1/2"	1-1/2"	17.6	4.5	2.2	2.2	3.0	0.5	0.7	5.4	0.9	5.1	3.5	50 Lbs.	53 Lbs.
2826-95	2826-98	3/4	3	ODP	230/460	4/2	1-1/2"	1-1/2"	17.8	4.5	2.2	2.2	3.0	0.5	0.7	5.4	0.9	5.1	3.5	50 Lbs.	53 Lbs.
282D-95	282D-98	3/4	1	TEFC	115/230	9/5	1-1/2"	1-1/2"	19.0	4.5	2.2	2.2	3.0	0.5	0.7	5.4	0.9	5.1	3.5	52 Lbs.	55 Lbs.
282F-95	282F-98	3/4	3	TEFC	230/460	3/2	1-1/2"	1-1/2"	18.4	4.5	2.2	2.2	3.0	0.5	0.7	5.4	0.9	5.1	3.5	49 Lbs.	52 Lbs.
282C-95	282C-98	1	1	TEFC	115/230	12/6	1-1/2"	1-1/2"	19.4	4.5	2.2	2.2	3.0	0.5	0.7	5.4	0.9	5.1	3.5	55 Lbs.	58 Lbs.
282K-95	282K-98	1	3	TEFC	230/460	4/2	1-1/2"	1-1/2"	19.0	4.5	2.2	2.2	3.0	0.5	0.7	5.4	0.9	5.1	3.5	51 Lbs.	54 Lbs.
2821-95	2821-98	1-1/2	1	ODP	115/230	22/11	1-1/2"	1-1/2"	16.8	4.5	2.2	2.2	3.0	0.5	0.7	5.4	0.9	5.1	3.5	62 Lbs.	65 Lbs.
2822-95	2822-98	1-1/2	3	ODP	230/460	7/4	1-1/2"	1-1/2"	16.6	4.5	2.2	2.2	3.0	0.5	0.7	5.4	0.9	5.1	3.5	58 Lbs.	61 Lbs.
2828-95	2828-98	2	1	ODP	115/230	28/14	1-1/2"	1-1/2"	17.6	4.5	2.2	2.2	3.0	0.5	0.7	5.4	0.9	5.1	3.5	69 Lbs.	72 Lbs.
282L-95	282L-98	2	3	ODP	230/460	7/4	1-1/2"	1-1/2"	17.7	4.5	2.2	2.2	3.0	0.5	0.7	5.4	0.9	5.1	3.5	68 Lbs.	71 Lbs.
282A-95	282A-98	2	1	TEFC	115/230	22/11	1-1/2"	1-1/2"	19.2	4.5	2.2	2.2	3.0	0.5	0.7	5.4	0.9	5.1	3.5	74 Lbs.	77 Lbs.
282B-95	282B-98	2	3	TEFC	230/460	6/3	1-1/2"	1-1/2"	18.0	4.5	2.2	2.2	3.0	0.5	0.7	5.4	0.9	5.1	3.5	69 Lbs.	71 Lbs.
282E-95	282E-98	3	1	TEFC	230	16	1-1/2"	1-1/2"	20.0	4.5	2.2	2.2	3.0	0.5	0.7	5.4	0.9	5.1	3.5	80 Lbs.	83 Lbs.
282M-95	282M-98	3	3	TEFC	230/460	8/4	1-1/2"	1-1/2"	20.8	4.5	2.2	2.2	3.0	0.5	0.7	5.4	0.9	5.1	3.5	80 Lbs.	83 Lbs.
2762-95	2762-98	1-1/2	1	ODP	115/230	17/9	2"	2"	18.4	4.5	2.2	2.2	3.0	0.5	0.7	6.7	1.2	6.7	4.4	68 Lbs.	72 Lbs.
2764-95	2764-98	1-1/2	3	ODP	230/460	7/4	2"	2"	18.6	4.5	2.2	2.2	3.0	0.5	0.7	6.7	1.2	6.7	4.4	69 Lbs.	73 Lbs.
2761-95	2761-98	2	1	ODP	115/230	28/14	2"	2"	19.1	4.5	2.2	2.2	3.0	0.5	0.7	6.7	1.2	6.7	4.4	74 Lbs.	78 Lbs.
276B-95	276B-98	2	1	TEFC	115/230	22/11	2"	2"	20.7	4.5	2.2	2.2	3.0	0.5	0.7	6.7	1.2	6.7	4.4	79 Lbs.	83 Lbs.
2763-95	2763-98	2	3	ODP	230/460	7/4	2"	2"	19.1	4.5	2.2	2.2	3.0	0.5	0.7	6.7	1.2	6.7	4.4	67 Lbs.	71 Lbs.
276D-95	276D-98	2	3	TEFC	230/460	6/3	2"	2"	19.4	4.5	2.2	2.2	3.0	0.5	0.7	6.7	1.2	6.7	4.4	68 Lbs.	72 Lbs.
2767-95	2767-98	3	1	ODP	230	18	2"	2"	20.2	4.5	2.2	2.2	3.0	0.5	0.7	6.7	1.2	6.7	4.4	76 Lbs.	79 Lbs.
276A-95	276A-98	3	1	TEFC	230	16	2"	2"	21.4	4.5	2.2	2.2	3.0	0.5	0.7	6.7	1.2	6.7	4.4	79 Lbs.	83 Lbs.
2766-95	2766-98	3	3	ODP	230/460	9/5	2"	2"	19.9	4.5	2.2	2.2	3.0	0.5	0.7	6.7	1.2	6.7	4.4	74 Lbs.	78 Lbs.
276C-95	276C-98	3	3	TEFC	230/460	8/4	2"	2"	20.9	4.5	2.2	2.2	3.0	0.5	0.7	6.7	1.2	6.7	4.4	76 Lbs.	80 Lbs.

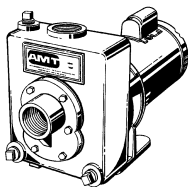
(*) Standard NPT (female) pipe thread.

(**) This dimension may vary due to motor manufacturer's specifications.

(+) 3-Phase motors can also operate on 50 Hz. (This will change Full Load Amps, Service Factor, RPM and Priming Capabilities)

NOTE: Dimensions have a tolerance of $\pm 1/8"$.

NOTE: Electric supply for ALL motors must be within $\pm 10\%$ of nameplate voltage rating (Ex. 230V $\pm 10\%$ = 207 to 253)



American Machine & Tool Co.
 400 Spring Street, Royersford, PA 19468
 (610) 948-3800 Fax (610) 948-5300
 E-mail: amt@fast.net
 www.amtpump.com

Standard Features

- **316 Investment Cast Stainless Steel** Construction with Viton® seals, Max. Temperature 200° F
- **Cast Iron** Construction with Buna N seals, Max. Temperature 180° F
- Dual Volute Design
- Handles 3/8" Diameter Semi-solids
- Self-cleaning, Clog Resistant Impeller
- Built in Flapper/Check Valve
- Steel Base and Handle
- "Off-the-Shelf" Availability for Many Models
- Nema 56J Motors with **Stainless Steel** Shafts
- Available in ODP or TEFC, Single or Three Phase
- Self-priming to 20 feet