



# INDUSTRIAL DUTY

## Self-Priming Cast Iron Centrifugal Pump

- **Cast Iron Construction**
- **Buna-N Mechanical Seal and O-Ring**
- **Optional Viton® or Silicon Carbide Mechanical Seal and O-Ring**
- **Dual Volute Design**
- **1" or 1-1/4" NPT Suction and Discharge Ports**
- **Self-priming to 20 ft.**
- **Maximum Working Pressure 75 PSI**
- **Maximum Temperature 180° F**
- **Maximum Flow 82 GPM**
- **Maximum Head 70 ft.**
- **Self-cleaning, Semi-open Impellers**
- **1/3 to 1-1/2 HP Open Drip Proof (ODP) or Totally Enclosed Fan Cooled (TEFC) Single or Three Phase Motors**

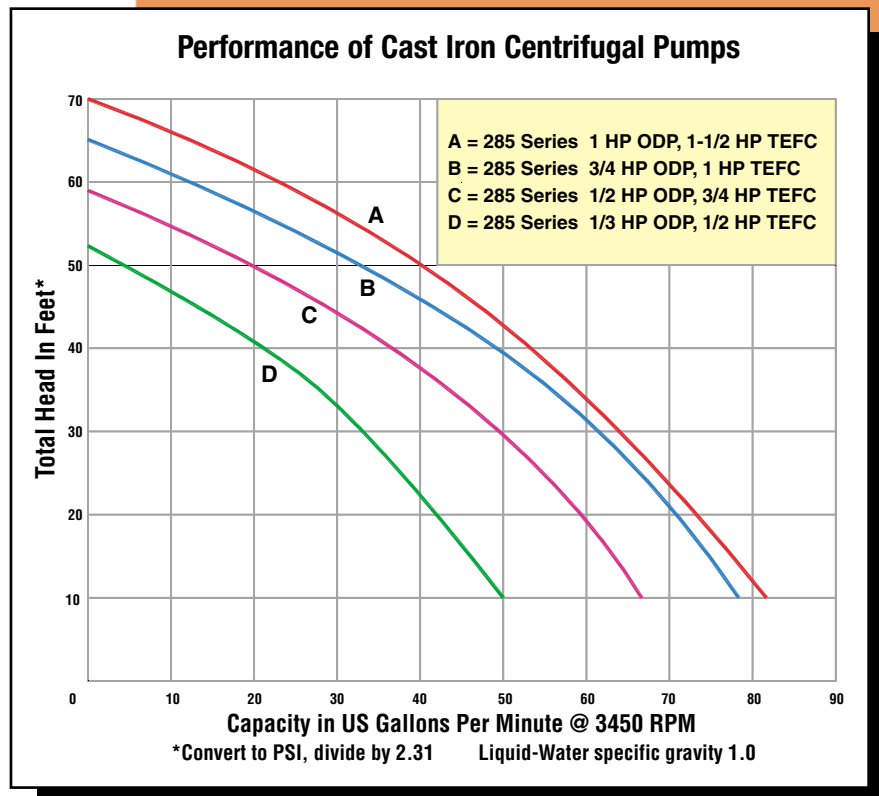


1-1/4" Self-Priming Pump

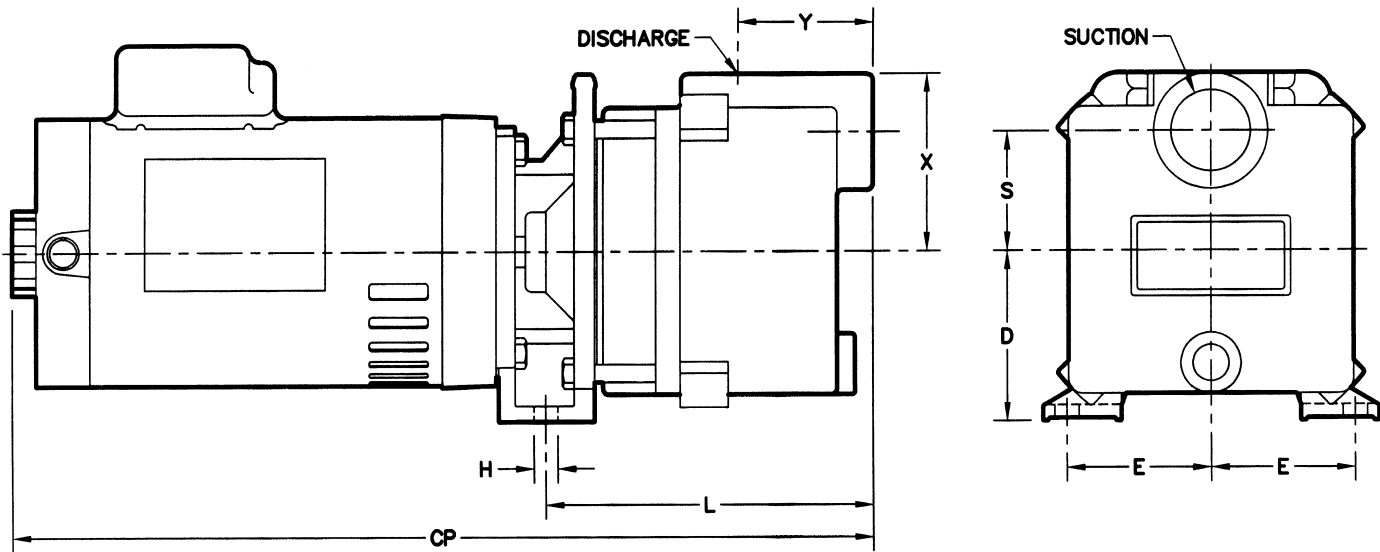
The AMT Self-Priming Cast Iron Centrifugal pumps are designed for circulating, boosting, washdown, liquid transfer and dewatering applications. Dual volute design reduces radial load on motor. The centerline discharge feature is specifically designed to prevent vapor binding and makes for convenient piping connections. All models are fitted with self-cleaning, semi-open impellers. The units will self-prime to 20 Ft. Mounting bases feature 7/16" mounting holes which are 6" OC (on center). Built in carrying handles offer portability.

AMT Self-Priming Cast Iron Centrifugal pumps are reliable, cost effective and low maintenance. Many are readily available "Off-the-Shelf" for fast 24 hour shipment. For use with non-flammable liquids compatible with pump component materials.

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# Self-Priming Cast Iron Centrifugal Pumps



## Pump Dimensional & Specification Data

Model No.	Curve	HP	PH	ENC	Voltage @ 60 Hz+	Full Load Amps	SUC*	DIS*	CP**	D	E	H	L	S	X	Ship Y	Wt.
2851-95	D	1/3	1	ODP	115/230	8 / 4	1"	1"	17.1	3.5	3.0	.4	6.9	2.4	3.6	2.8	38 Lbs.
2852-95	C	1/2	1	ODP	115/230	10 / 5	1-1/4"	1-1/4"	17.1	3.5	3.0	.4	6.9	2.4	3.6	2.8	39 Lbs.
285M-95	C	1/2	3	ODP	230/460	4 / 2	1-1/4"	1-1/4"	17.6	3.5	3.0	.4	6.9	2.4	3.6	2.8	38 Lbs.
285E-95	D	1/2	1	TEFC	115/230	9 / 5	1"	1"	18.5	3.5	3.0	.4	6.9	2.4	3.6	2.8	42 Lbs.
2853-95	B	3/4	1	ODP	115/230	13 / 7	1-1/4"	1-1/4"	18.1	3.5	3.0	.4	6.9	2.4	3.6	2.8	43 Lbs.
285F-95	C	3/4	1	TEFC	115/230	9 / 5	1-1/4"	1-1/4"	19.0	3.5	3.0	.4	6.9	2.4	3.6	2.8	46 Lbs.
2856-95	B	3/4	3	ODP	230/460	4 / 2	1-1/4"	1-1/4"	16.6	3.5	3.0	.4	6.9	2.4	3.6	2.8	42 Lbs.
285P-95	C	3/4	3	TEFC	230/460	3 / 2	1-1/4"	1-1/4"	17.1	3.5	3.0	.4	6.9	2.4	3.6	2.8	45 Lbs.
2855-95	A	1	1	ODP	115/230	17 / 9	1-1/4"	1-1/4"	18.9	3.5	3.0	.4	6.9	2.4	3.6	2.8	47 Lbs.
285G-95	B	1	1	TEFC	115/230	12 / 6	1-1/4"	1-1/4"	19.4	3.5	3.0	.4	6.9	2.4	3.6	2.8	50 Lbs.
2857-95	A	1	3	ODP	230/460	5 / 3	1-1/4"	1-1/4"	16.9	3.5	3.0	.4	6.9	2.4	3.6	2.8	45 Lbs.
285J-95	B	1	3	TEFC	230/460	4 / 2	1-1/4"	1-1/4"	19.4	3.5	3.0	.4	6.9	2.4	3.6	2.8	48 Lbs.
285H-95	A	1-1/2	1	TEFC	115/230	18 / 9	1-1/4"	1-1/4"	20.2	3.5	3.0	.4	6.9	2.4	3.6	2.8	58 Lbs.
285K-95	A	1-1/2	3	TEFC	230/460	5 / 3	1-1/4"	1-1/4"	19.4	3.5	3.0	.4	6.9	2.4	3.6	2.8	56 Lbs.

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

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

(+) 3-Phase models can also operate on 50 Hz (This will change Full Load Amps and 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 (e.g.  $230V \pm 10\% = 207$  to  $253$ ).

## Standard Features

- ▶ Cast Iron Construction
- ▶ Buna-N Mechanical Seal and O-Ring
- ▶ Optional Viton® or Silicon Carbide Mechanical Seal and O-Ring
- ▶ Dual Volute Design Reduces Radial Load on Motor
- ▶ 1" or 1-1/4" NPT Suction and Discharge Port
- ▶ Maximum Working Pressure 75 PSI
- ▶ Maximum Temperature 180° F
- ▶ Single or Three Phase, ODP or TEFC Motors Available
- ▶ Self-cleaning, Semi-open Impellers
- ▶ "Off-the-Shelf" Availability for Many Models



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See price book page 18

The Gorman-Rupp Company reserves the right to discontinue any model or change specifications at any time without incurring any obligation.

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