



PREMIUM HEAVY DUTY

Self-Priming Utility Pump

Model 81 1/4B3-E.33 1P

- **Cast Iron Construction**
- **Copper Alloy No. C83600 Impeller Handles 5/16" Solids**
- **1-1/4" NPT Suction and Discharge Ports**
- **1/3 HP ODP Motor with 8 ft. 115vac Power Cord**
- **Includes Float Switch and Strainer**
- **Built-in Flapper Valve, Brass, Buna N, and Nylon**
- **Maximum Suction Lift is 20 ft.**
- **Maximum Operating Pressure is 26 PSI**
- **Maximum Temperature is 160° F**
- **Viton®* Mechanical Seal**

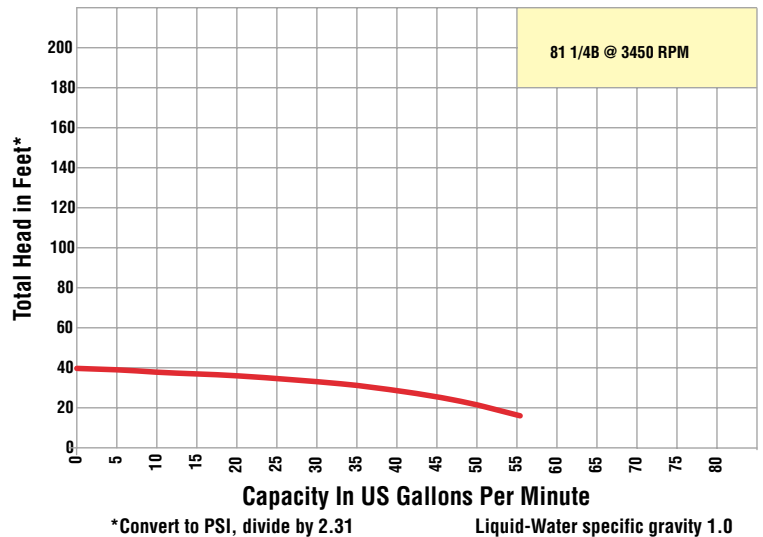
Model 81 1/4B3-E.33 1P is designed for applications requiring high volume, low pressure, sump or liquid transfer. The copper alloy semi-open impeller handles solids to 5/16" diameter. Built-in flapper/check valve enables consistent self-priming to 20 ft. Included with the pump are a suction strainer, float switch, and an eight foot power cord. Motor is 1/3 horsepower.

*Viton® is a registered trademark of DuPont

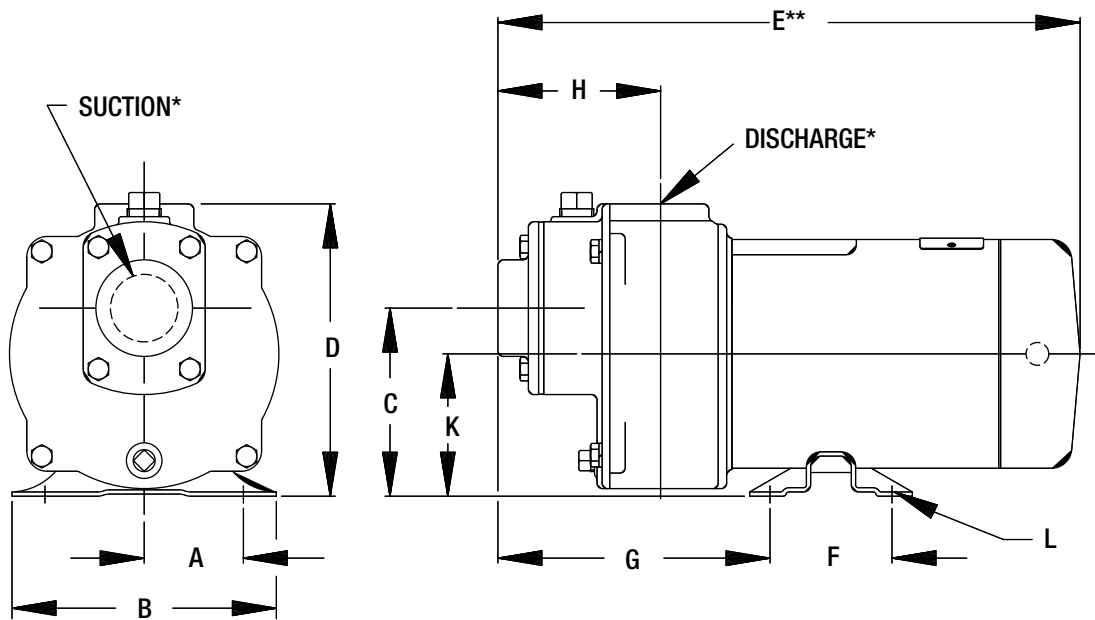


Model 81 1/4B3-E.33 IP

Composite of Performance Curves



Self-Priming Utility Pump



DIMENSIONS:
INCHES
[MILLIMETERS]

MODEL	A	B	C	D	E**	F	G	H	J	K	SUCT*	DISCH*	L
81 1/4B3-E.33 1P	2.44 [62.0]	6.50 [165.1]	4.62 [117.3]	7.19 [182.6]	14.32 [363.7]	3.00 [76.2]	6.69 [169.9]	4.00 [101.6]	3.25 [82.6]	3.50 [88.9]	1.25	1.25	1.22/[31.0] X .34/[8.6] SLOT 4 PLACES

(*) STANDARD NPT PIPE THREADS.

(**) DIMENSION MAY VARY WITH MOTOR MANUFACTURER.

Standard Features - 81 1/4

- Cast iron construction with copper alloy impeller
- 1-1/4" NPT suction and discharge ports
- 1/3 HP ODP Motor with 8 ft. 115 VAC power cord
- Includes float switch and strainer
- Built-in flapper valve
- Maximum suction lift 20 Ft.
- Maximum operating pressure 26 PSI
- Maximum temperature 160° F
- Viton®* mechanical seal
- "Off-the-Shelf" availability

Model No.	Description/ Type of Pump	Ship Wt (Lbs.)	Driver Type & HP	Port size Suc x dis (NPT)	Basic Construction	Seal Type & Elastomer/ Faces	VAC	FL Amps	Motor Enclosure
81 1/4B3-E.33 1P	Self-Priming Utility Pumps	42	Elect. Motor 0.33 HP	1 1/4" x 1 1/4"	Gray Iron	Viton®* Carbon Ni-resist	115/230	60hz	ODP

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WARNING: Do not use in explosive atmosphere or for pumping volatile flammable liquids.

See price book page 17

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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