

MINIMAL SOLIDS-HANDLING, MEDIUM-HEAD, ELECTRIC MOTOR-DRIVEN, SELF-PRIMING CENTRIFUGAL PUMPS

Gorman-Rupp self-priming centrifugal pumps are designed for use with a variety of corrosive and acidic liquids containing mild solids. The semi-open impeller handles solids to 9/16" diameter. Replaceable vane plate and flow guide. This model is available in basic or close-coupled configurations.



Model: 81 1/2P47A-B



FEATURES

- Polypropylene construction
- Solids-handling up to 9/16" (14 mm) diameter
- 1-1/2" NPT suction and discharge ports
- 2 HP TEFC motor available in single or three phase
- Stainless steel impeller shaft
- Replaceable vane plate and flow guide
- Self-priming to 20 ft. (6,1 m) lift
- Maximum operating pressure is 40 psi (2,8 bar)
- Maximum temperature 160° F (71° C)
- Viton® carbon/ceramic mechanical seal
- Stainless steel hardware

GENERAL INFORMATION

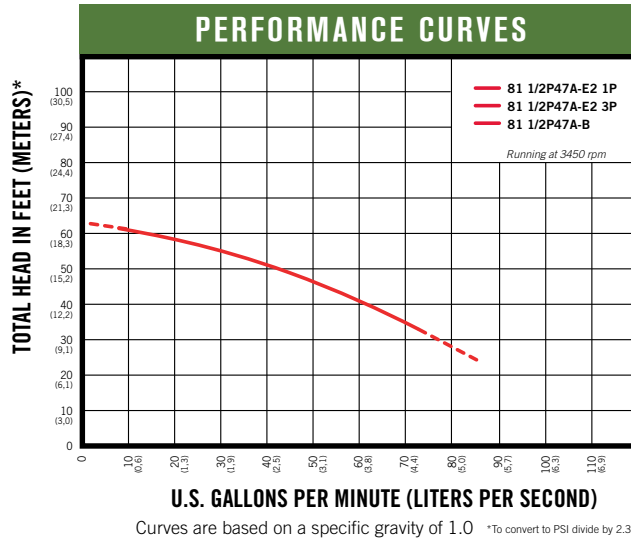
Model	Ship Wt. (Approx.)	Driver Type (HP)	Max. Solids	Suc. x Dis. (NPT)	Basic Construction	Seal Type & Elastomer/Faces	VAC 60 Hz	Phase	Amps	Motor Enclosure (RPM)
81 1/2P47A-E2 1P	60 lbs.	Electric Motor (2)	9/16" (14 mm)	1-1/2" x 1-1/2"	Polypropylene	Viton® Carbon/Ceramic	115/230	1	20.0/10.0	TEFC (3450)
81 1/2P47A-E2 3P	60 lbs.	Electric Motor (2)	9/16" (14 mm)	1-1/2" x 1-1/2"	Polypropylene	Viton® Carbon/Ceramic	230/460	3	5.8/2.9	TEFC (3450)
81 1/2P47A-B	10 lbs.	User Supplied	9/16" (14 mm)	1-1/2" x 1-1/2"	Polypropylene	Viton® Carbon/Ceramic	N/A	N/A	N/A	N/A

*Viton® is a registered trademark of DuPont.

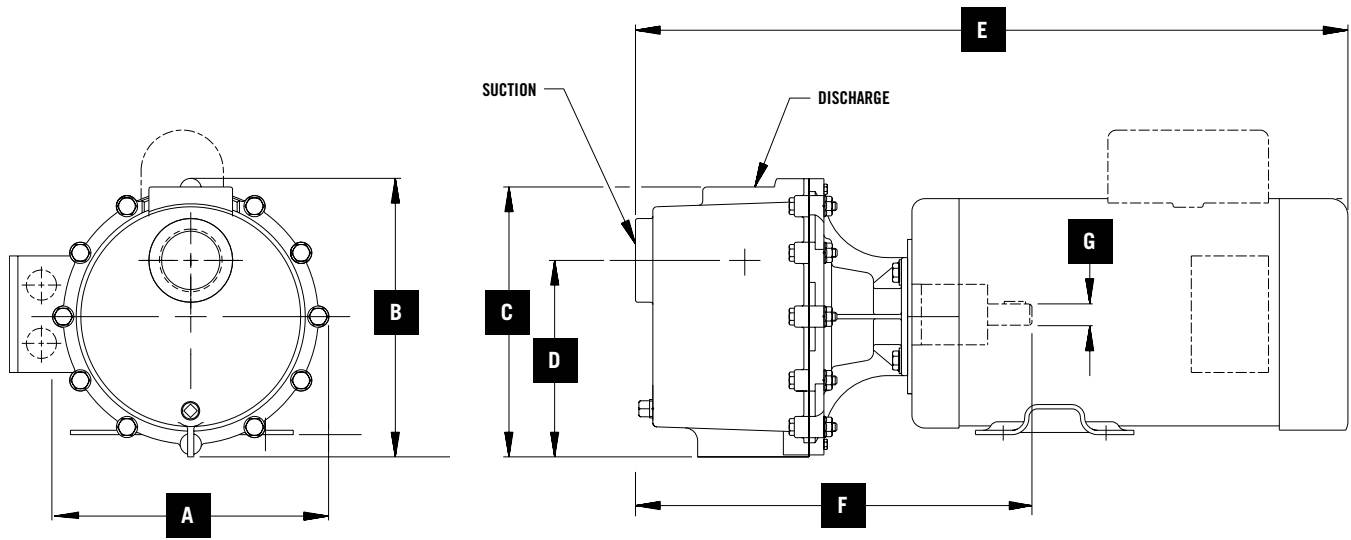
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 or call 515-223-4144

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80 SERIES ELECTRIC



MODEL: 81 1/2P47A-E2 1P/3P



Model	INCHES		PUMP DIMENSIONAL DATA							Suction*	Discharge*
	A	B	C	D	E	F	G (Diameter)				
81 1/2P47A-E2 1P	8.06	8.18	7.87	5.73	20.78	N/A	N/A	1.50	1.50		
	(204,70)	(207,80)	(199,90)	(145,50)	(527,80)	N/A	N/A				
81 1/2P47A-E2 3P	8.06	8.18	7.87	5.73	20.78	N/A	N/A	1.50	1.50		
	(204,70)	(207,80)	(199,90)	(145,50)	(527,80)	N/A	N/A				
81 1/2P47A-B	8.06	8.18	7.87	5.73	N/A	11.62	0.62	1.50	1.50		
	(204,70)	(207,80)	(199,90)	(145,50)	N/A	(295,10)	(15,70)				

*Standard NPT Pipe Threads

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