1-1/2˝ Self-Priming Chemical Pumps



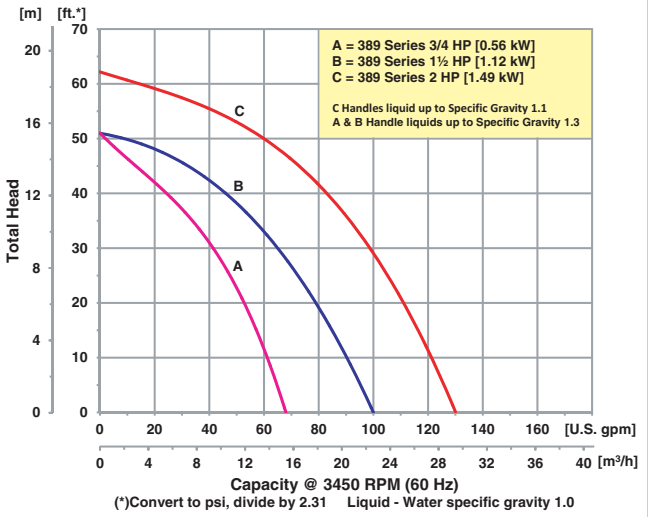
Model 3890-98
Stainless Steel

Model 3890-97
Bronze

- **Available in: Bronze or 300 Series Investment Cast Stainless Steel Construction with Stainless Steel Impeller**
- **Viton® or Teflon® Mechanical Seal and O-Ring – Depending on Model**
- **Dual Volute Design**
- **1-1/2˝ NPT Suction and Discharge Ports**
- **Maximum Temperature**
  - **Bronze 200° F**
  - **Stainless Steel 250° F**
- **Maximum Flow 132 GPM**
- **Maximum Head 63 Ft.**
- **Self-Priming to 6 Ft.**
- **Self-Cleaning, Semi-Open Impeller**
- **Solids Handling and Dirty Water Design**
- **3/4 to 2 HP Totally Enclosed Fan Cooled (TEFC) Motor Single or Three Phase Motor**

AMT Self-Priming 300 Series Stainless Steel or Bronze Centrifugal pumps are designed for a wide range of applications including chemical processes, waste water treatment and pumping agriculture fertilizers/fumigants. All models are equipped with Totally Enclosed Fan Cooled (TEFC) motors. 300 Series Stainless Steel models are fitted with Teflon® mechanical seal and o-ring, while bronze models come standard with Viton® mechanical seal and o-ring. Pumps are self-priming to 6 feet. Pumps are designed to handle liquids with solids content or dissolved solids and debris. Pumps are designed to handle liquids with specific gravities up to 1.3 and viscosities to 100 SSU.

Performance of Self-Priming Centrifugal Pumps



(*)Convert to psi, divide by 2.31 Liquid - Water specific gravity 1.0

AMT
A Gorman-Rupp Company

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www.amtpump.com • 888-amt-pump (268-7867)

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

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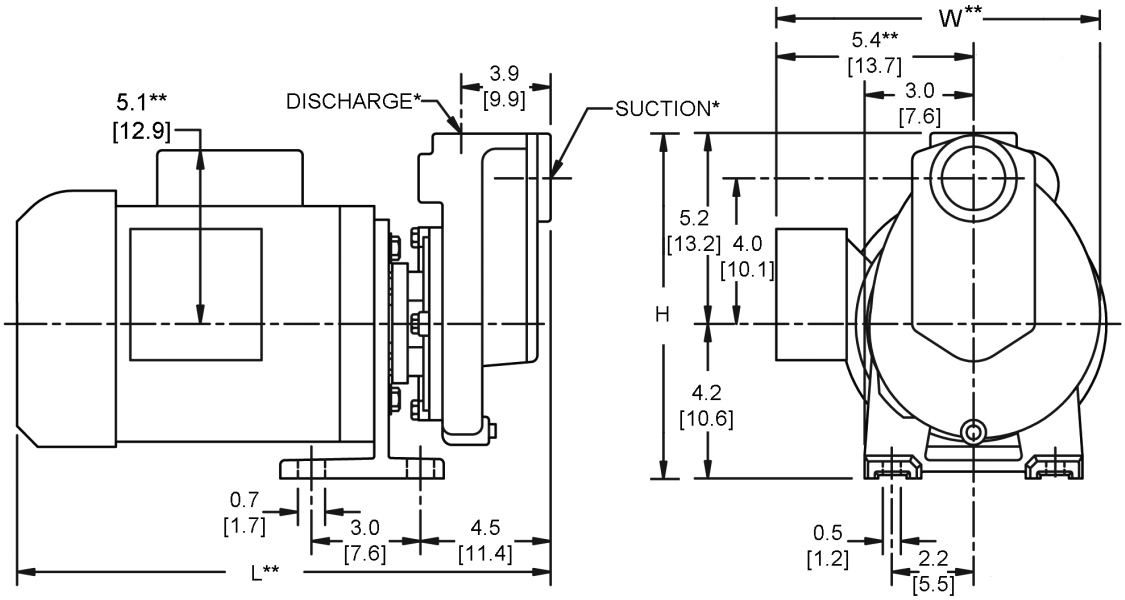
Pump Dimensional & Specification Data

Model ‡	Curve	HP	PH	ENC	Voltage @ 60 Hz +	Full Load Amps	SUC*	DIS*	L**	W**	H	Ship Wt. (Lbs.)
3890	A	3/4	1	TEFC	115/230	9/5	1½	1½	15.8 [40.1]	8.8 [22.3]	9.5 [24.1]	52
3892			3		230/460	3/2			15.3 [38.8]	8.8 [22.3]	9.5 [24.1]	41
3891	B	1½	1	TEFC	115/230	18/9			16.5 [41.9]	8.8 [22.3]	9.5 [24.1]	56
3893			3		230/460	5/3			16.3 [41.4]	8.8 [22.3]	9.5 [24.1]	55
3894	C	2	3	TEFC	230/460	6/3			17.3 [43.9]	8.8 [22.3]	9.5 [24.1]	56
3899			N/A	PED	N/A	N/A			13.4 [34.0]	6.5 [16.5]	9.5 [24.1]	34

(*) Standard NPT (Female) pipe thread.
(**) This dimension may vary due to motor manufacturer's speciifcations.
(+) 3-Phase motors can also operate on 50 Hz. (this will change full load amps, service factor and RPM)
NOTE: Dimensions are in inches (centimeters) and have a tolerance of ± 1/4".
NOTE: Electric supply for ALL motors must be within ± 10% of nameplate voltage rating (e.g 230V ± 10%=207 to 253)

Maximum Solids Handling Capacity:1/8" Diameter

‡ Add Suffix -97 or -98 for Specific Model (Ex. 3890-97)
(-97) Cast Bronze Construction with Stainless Steel Impeller and Viton® Seals
(-98) Cast Stainless Steel Construction with Teflon ® Seals



Standard Features

- Bronze or Stainless Steel Construction with Stainless Steel Impeller
- Viton® or Teflon® Mechanical Seal and O-ring – Depending on Model
- 1-1/2" NPT Suction and Discharge Ports
- Maximum Temperature
  - Bronze 200° F
  - Stainless Steel 250° F
- Self-priming to 6 Ft.
- Maximum Working Pressure 75 PSI
- Self-cleaning, Semi-open Impeller
- Pedestal Models Feature Epoxy Coated Bearing Housing with 3/4" Diameter Stainless Steel Shaft with 3/16" Keyway and Sealed Ball Bearings
- 3/4 to 2 HP Totally Enclosed Fan Cooled (TEFC) Single or Three Phase Motors
- **Designed to handle liquids of specific gravities up to 1.3**
- QSP – Quick Ship Pump for Many Models

Hazardous Duty/Xplosion Proof motors available from stock ranging from 1 to 10 HP; *CALL FOR QUOTATION & LEAD TIME!*

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