

1-1/2" Self-Priming Chemical Pumps



Model 389A-98
Stainless Steel

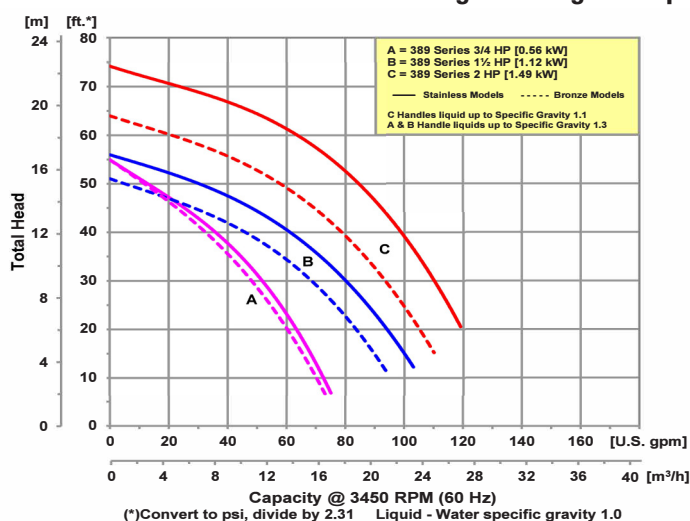


Model 3890-97
Bronze

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.

- **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 120 GPM**
- **Maximum Head 74 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**

Performance of 1 1/2" Self-Priming Centrifugal Pumps



Pump Dimensional & Specification Data

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

(*) 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 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)

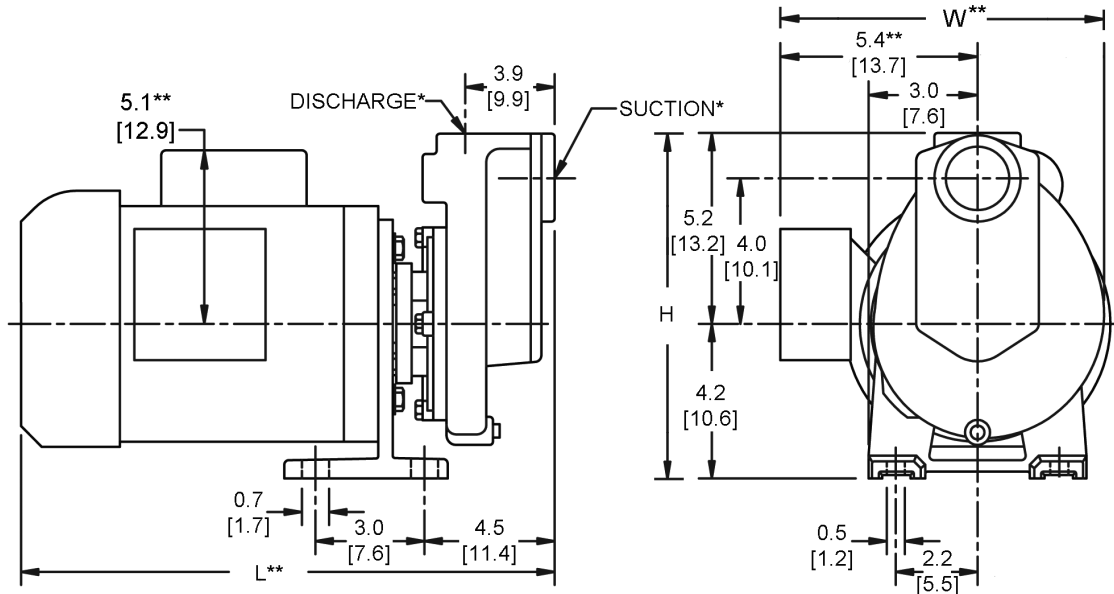
Maximum Solids Handling Capacity: 1/8" Diameter

‡ 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!