

# 1" Self-Priming Stainless Steel Centrifugal Pumps

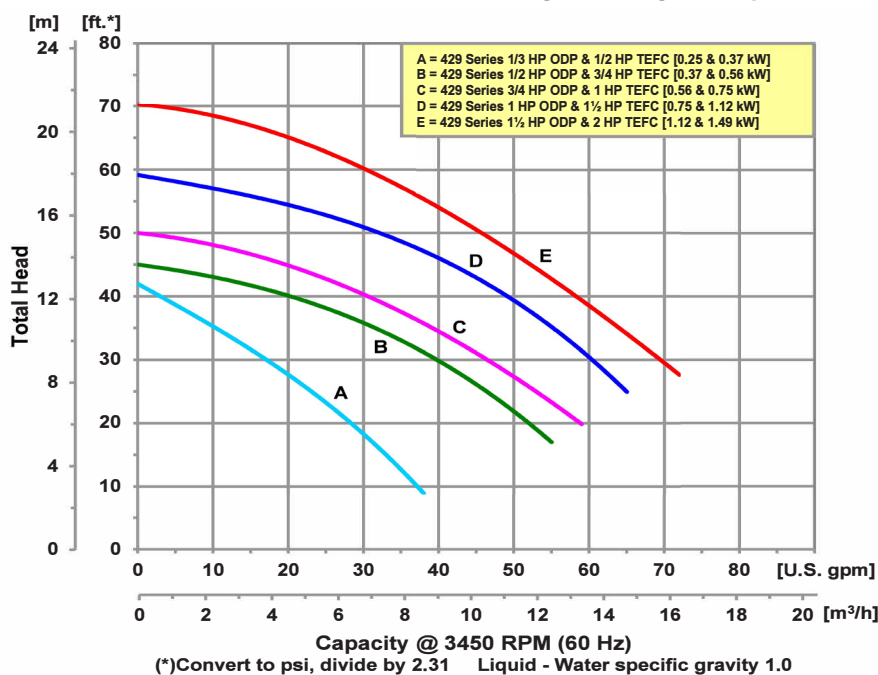
Model 429A-98



- **300 Series Investment Cast Stainless Steel Construction**
- **Viton® Mechanical Seal and O-Ring**
- **Handles Liquids and Chemicals with Specific Gravities up to 1.6**
- **1" NPT Suction and Discharge Ports**
- **Maximum Temperature 200° F**
- **Maximum Flow 72 GPM**
- **Maximum Head 74 Ft.**
- **Self-priming to 6 Ft.**
- **Self-Cleaning, Semi-Open Impeller**
- **Solids Handling and Dirty Water Design**
- **1/3 to 2 HP Single or Three Phase Motors**

AMT 300 Series Investment Cast Stainless Steel Transfer pumps are designed to handle liquids and chemicals with specific gravities to 1.6. The pumps are particularly well suited to applications involving perchloroethylene (PCE) and are recommended for use with non-flammable liquids. Pumps are designed to handle liquids with solids content or dissolved solids and debris.

Performance of 1" 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.) |
|---------|-------|-----|----|------|-----------------|----------------|------|------|-------------|------------|------------|-----------------|
| 4294-98 | A     | 1/3 | 1  | ODP  | 115/230         | 8/4            | 1    | 1    | 15.2 [38.6] | 6.8 [17.3] | 9.0 [22.8] | 34              |
| 429A-98 |       | 1/2 | 1  | TEFC | 115/230         | 9/5            |      |      | 15.6 [39.6] | 8.9 [22.7] | 9.0 [22.8] | 41              |
| 4295-98 | B     | 1/2 | 1  | ODP  | 115/230         | 10/5           | 1    | 1    | 15.4 [39.1] | 6.8 [17.3] | 9.0 [22.8] | 38              |
| 429B-98 |       | 3/4 | 1  | TEFC | 115/230         | 9/5            |      |      | 16.1 [40.9] | 8.9 [22.7] | 9.0 [22.8] | 43              |
| 429K-98 |       | 3/4 | 3  | TEFC | 230/460         | 3/2            |      |      | 15.7 [39.9] | 8.9 [22.7] | 9.0 [22.8] | 40              |
| 4296-98 | C     | 3/4 | 1  | ODP  | 115/230         | 13/7           | 1    | 1    | 15.9 [40.4] | 6.8 [17.3] | 9.0 [22.8] | 39              |
| 429C-98 |       | 1   | 1  | TEFC | 115/230         | 12/6           |      |      | 16.4 [41.7] | 8.9 [22.7] | 9.0 [22.8] | 52              |
| 429L-98 |       | 1   | 3  | TEFC | 230/460         | 4/2            |      |      | 16.2 [41.1] | 8.9 [22.7] | 9.0 [22.8] | 43              |
| 4297-98 | D     | 1   | 1  | ODP  | 115/230         | 17/9           | 1    | 1    | 16.2 [41.1] | 6.8 [17.3] | 9.0 [22.8] | 42              |
| 429D-98 |       | 1½  | 1  | TEFC | 115/230         | 18/9           |      |      | 16.9 [42.9] | 8.9 [22.7] | 9.0 [22.8] | 54              |
| 429M-98 |       | 1½  | 3  | TEFC | 230/460         | 5/3            |      |      | 16.9 [42.9] | 8.9 [22.7] | 9.0 [22.8] | 51              |
| 4298-98 | E     | 1½  | 1  | ODP  | 115/230         | 22/11          | 1    | 1    | 16.7 [42.4] | 6.8 [17.3] | 9.0 [22.8] | 52              |
| 429E-98 |       | 2   | 1  | TEFC | 115/230         | 22/11          |      |      | 17.6 [44.7] | 8.9 [22.7] | 9.0 [22.8] | 65              |
| 429N-98 |       | 2   | 3  | TEFC | 230/460         | 6/3            |      |      | 17.4 [44.2] | 8.9 [22.7] | 9.0 [22.8] | 62              |

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

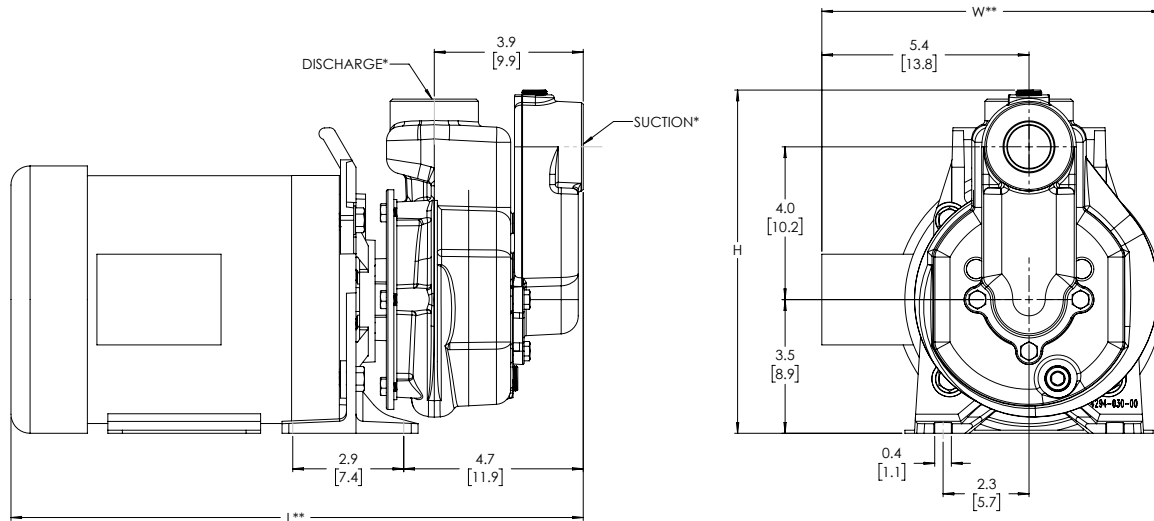
(\*\*) This dimension may vary due to motor manufacturer's specifications.

(+) 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  $\pm 1/4"$ .

NOTE: Electric supply for ALL motors must be within  $\pm 10\%$  of nameplate voltage rating (e.g. 230V  $\pm 10\%$  = 207 to 253)

Maximum Solids Handling Capacity: 1/8" Diameter



## Standard Features

- 300 Series Investment Cast Stainless Steel Construction
- Viton® Mechanical Seal and O-ring
- 1" NPT Suction and Discharge Ports
- ODP or TEFC Single and Three Phase Motors
- Maximum Working Pressure 75 PSI
- Maximum Temperature 200° F
- Self-cleaning, Semi-open Impeller
- 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!**