

# Submittal Data Information

## TA Series Pumps

301-606

EFFECTIVE: 08/01/24

SUPERSEDES: 01/17/14

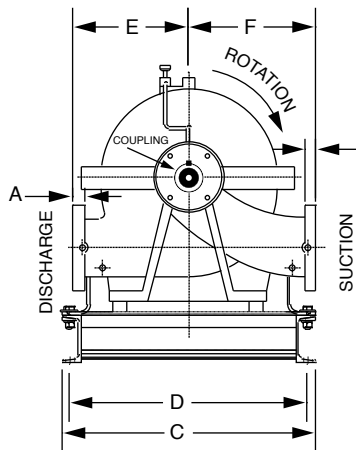
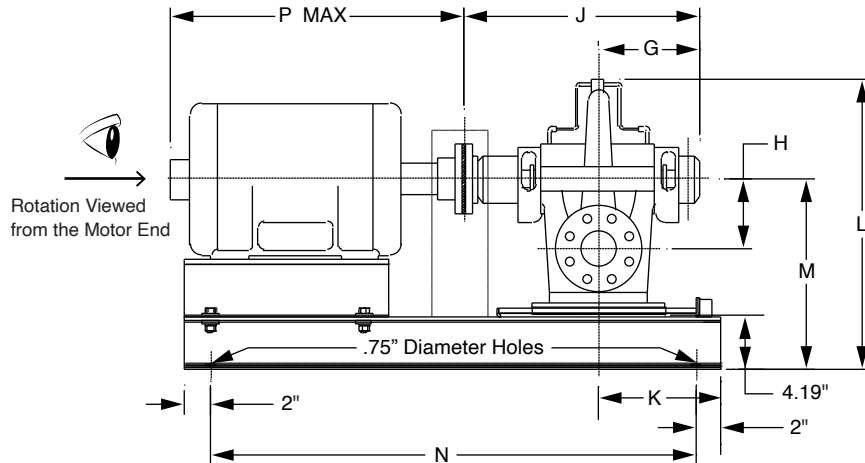
1160 RPM MODEL 1229

JOB \_\_\_\_\_ ENGINEER \_\_\_\_\_

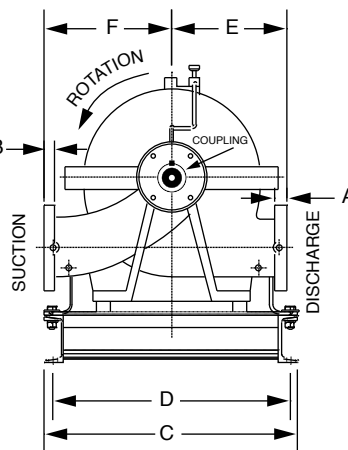
CONTRACTOR \_\_\_\_\_ REP. \_\_\_\_\_

| ITEM NO. | MODEL NO. | IMPELLER DIA. | G.P.M. | HEAD/FT. | H.P. | ELEC. CHAR. |
|----------|-----------|---------------|--------|----------|------|-------------|
|----------|-----------|---------------|--------|----------|------|-------------|

WEIGHT \_\_\_\_\_ PUMP/MOTOR \_\_\_\_\_



Clockwise Rotation  
Viewed from the Motor End  
(motor not shown)



Counterclockwise Rotation  
Viewed from the Motor End  
(motor not shown)

SPECIFY ROTATION:

- ☐ Clockwise  
☐ Counterclockwise

### MAXIMUM ASSEMBLY WEIGHT

| Motor Frame | Weight<br>Lbs (Kg) |
|-------------|--------------------|
| 213T - 215T | 768 (348)          |
| 254T - 256T | 857 (389)          |
| 284T - 286T | 996 (452)          |

### DIMENSIONS

Motor dimensions are approximate and vary by manufacturer and motor type.

| DIMENSIONS                       |                   |                |                      |                      |                      |                      |                |                |                |                |               |               |                |              |                |                |                |               |
|----------------------------------|-------------------|----------------|----------------------|----------------------|----------------------|----------------------|----------------|----------------|----------------|----------------|---------------|---------------|----------------|--------------|----------------|----------------|----------------|---------------|
| Model No.<br>Flange Size         | HP<br>1160<br>RPM | Motor<br>Frame | A DISCHARGE          |                      | B SUCTION            |                      | C              | D              | E              | F              | G             | H             | J              | K            | L              | M              | N              | P             |
|                                  |                   |                | ANSI<br>Class<br>125 | ANSI<br>Class<br>250 | ANSI<br>Class<br>125 | ANSI<br>Class<br>250 |                |                |                |                |               |               |                |              |                |                |                |               |
| 1229<br><br>6 x 5<br>(152 x 127) | 3                 | 213T           | 0.94<br>(24)         | 1.38<br>(35)         | 1.00<br>(25)         | 1.44<br>(37)         | 21.17<br>(538) | 19.92<br>(506) | 11.44<br>(291) | 12.19<br>(310) | 9.68<br>(246) | 6.31<br>(160) | 22.19<br>(564) | 9.5<br>(241) | 26.44<br>(672) | 17.57<br>(446) | 38.0<br>(965)  | 20.5<br>(521) |
|                                  | 5                 | 215T           |                      |                      |                      |                      |                |                |                |                |               |               |                |              |                |                |                |               |
|                                  | 7.5               | 254T           |                      |                      |                      |                      |                |                |                |                |               |               |                |              |                |                |                |               |
|                                  | 10                | 256T           |                      |                      |                      |                      |                |                |                |                |               |               |                |              |                |                | 48.0<br>(1219) | 23.2<br>(589) |
|                                  | 15                | 284T           |                      |                      |                      |                      |                |                |                |                |               |               |                |              |                |                |                | 27.8 (706)    |
|                                  |                   |                |                      |                      |                      |                      |                |                |                |                |               |               |                |              |                |                |                |               |
|                                  |                   |                |                      |                      |                      |                      |                |                |                |                |               |               |                |              |                |                |                |               |

English dimensions are in inches. Metric dimensions are in millimeters. Metric data is presented in ( ).  
Dimensions are subject to change without notice. Do not use for construction purposes unless certified.

MATERIALS OF CONSTRUCTION

| Item         | Standard                           | Optional                    |
|--------------|------------------------------------|-----------------------------|
| Casing       | Cast Iron<br>ASTM A48<br>Class 30A | N/A                         |
| Impeller     | Bronze<br>ASTM B584-836            | N/A                         |
| Wear Ring    | Bronze<br>ASTM B584-836            | N/A                         |
| Shaft        | Carbon Steel<br>AISI 1045          | Stainless Steel<br>AISI 420 |
| Insert       | Cast Iron<br>ASTM A48<br>Class 30A | N/A                         |
| Shaft Sleeve | Bronze<br>ASTM B584-836            | Stainless Steel<br>AISI 420 |

N/A - Not Available

OPERATING SPECIFICATIONS

|             | Standard                | Optional                 |
|-------------|-------------------------|--------------------------|
| Flange      | ANSI<br>Class 125       | ANSI<br>Class 250        |
| Pressure    | 175 PSIG*<br>(1210 KPA) | 300 PSIG**<br>(2070 KPA) |
| Temperature | 250°F<br>(120°C)        | 250°F<br>(120°C)         |

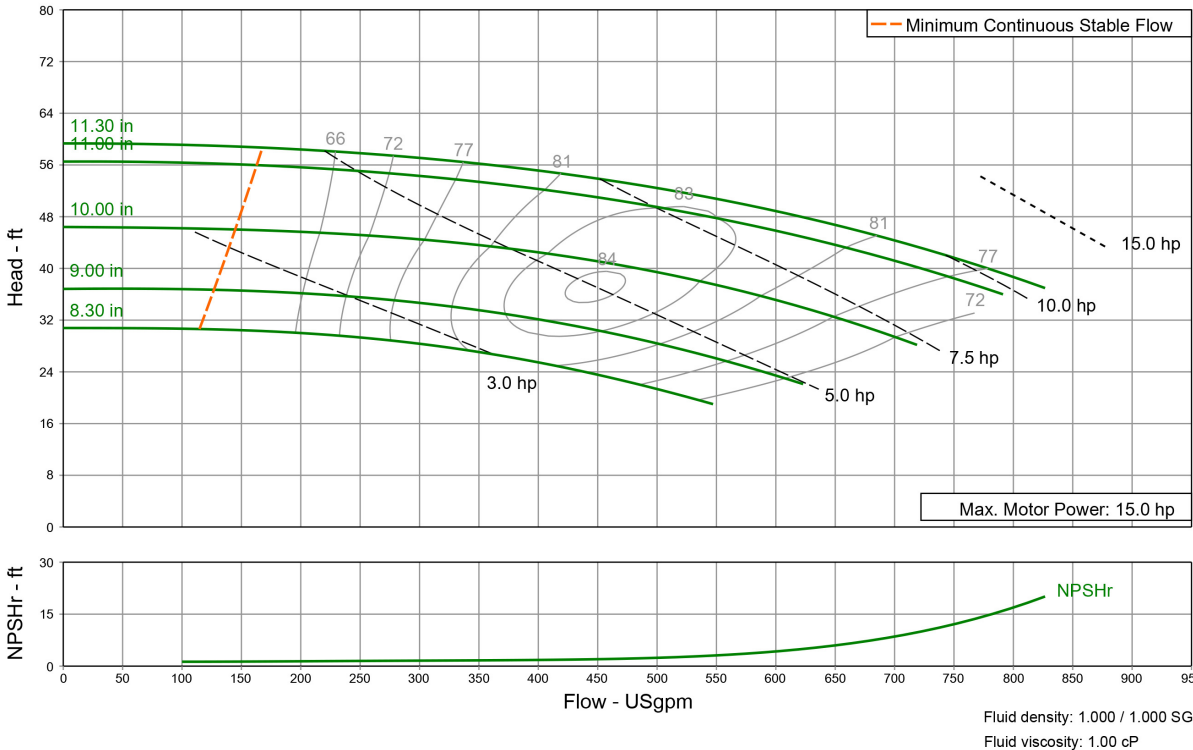
Motors: All NEMA Standard (T Frame)  
\* In accordance with ANSI Standard B16.1 Class 125  
\*\* In accordance with ANSI Standard B16.1 Class 250 Dim.

FEATURES

|                    | Standard                                                                 | Optional                     |
|--------------------|--------------------------------------------------------------------------|------------------------------|
| Wear Rings         | Case Wear Rings                                                          | N/A                          |
| Seal Flushing      | Recirculation Line                                                       | Filter & Abrasive Separators |
| Motors             | All Standard NEMA Motors                                                 |                              |
| Base               | Drip Type Base                                                           |                              |
| Additional Options | Packed Stuffing Box<br>Two Rotation Options<br>Balanced Mechanical Seals |                              |



|            |                |                                            |
|------------|----------------|--------------------------------------------|
| Model 1229 | 1160 RPM       | Curve no. 696                              |
| TA Series  | August 1, 2024 | Min. Imp. Dia. 8.30"<br>Size 5 X 6 X 11.25 |



Comments: