



# Submittal Data Information

## TA Series Pumps

301-637

EFFECTIVE: 08/01/24

SUPERSEDES: 01/17/14

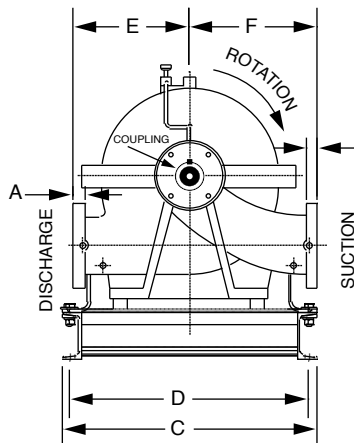
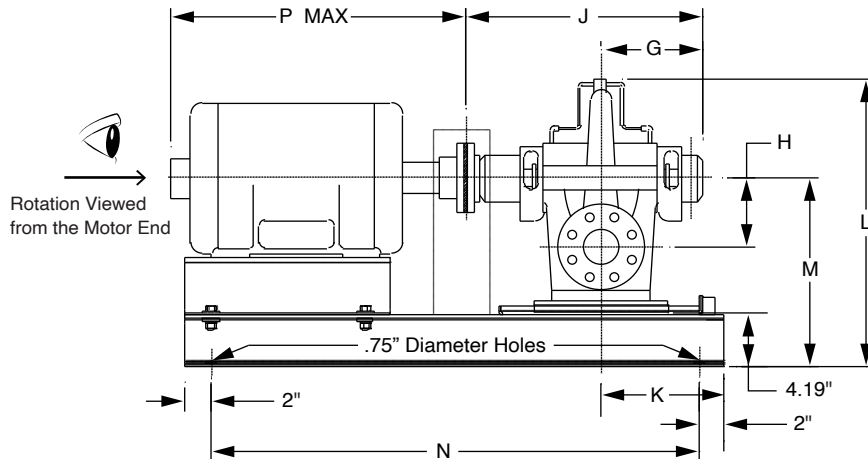
1760 RPM MODEL 0830

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

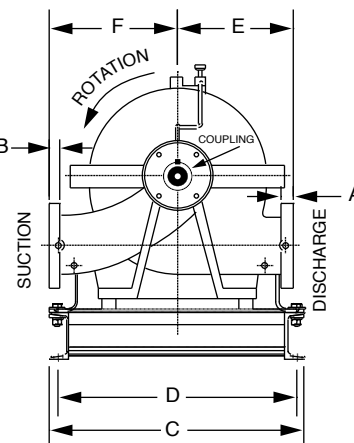
CONTRACTOR \_\_\_\_\_ REP. \_\_\_\_\_

| 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) |
|-------------|--------------------|
| 182T - 184T | 584 (265)          |
| 213T - 215T | 674 (306)          |
| 254T - 256T | 756 (343)          |

### DIMENSIONS

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

| Model No.<br>Flange Size    | HP<br>1760<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 |                |                |                |                |               |               |                |              |                |                |               |                |
| 0830<br>4 x 3<br>(102 x 76) | 5                 | 184T           | 0.75<br>(19)         | 1.12<br>(28)         | 0.94<br>(24)         | 1.25<br>(32)         | 21.17<br>(538) | 19.92<br>(506) | 10.81<br>(275) | 11.44<br>(291) | 9.68<br>(246) | 5.88<br>(149) | 22.19<br>(564) | 9.5<br>(241) | 23.31<br>(592) | 15.19<br>(386) | 38.0<br>(965) | 18.5 (470)     |
|                             | 7.5               | 213T           |                      |                      |                      |                      |                |                |                |                |               |               |                |              |                |                |               | 20.5 (521)     |
|                             | 10                | 215T           |                      |                      |                      |                      |                |                |                |                |               |               |                |              |                |                |               | 48.0<br>(1219) |
|                             | 15                | 254T           |                      |                      |                      |                      |                |                |                |                |               |               |                |              |                |                |               | 23.2 (589)     |
|                             | 20                | 256T           |                      |                      |                      |                      |                |                |                |                |               |               |                |              |                |                |               |                |
|                             |                   |                |                      |                      |                      |                      |                |                |                |                |               |               |                |              |                |                |               |                |
|                             |                   |                |                      |                      |                      |                      |                |                |                |                |               |               |                |              |                |                |               |                |

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 |                              |



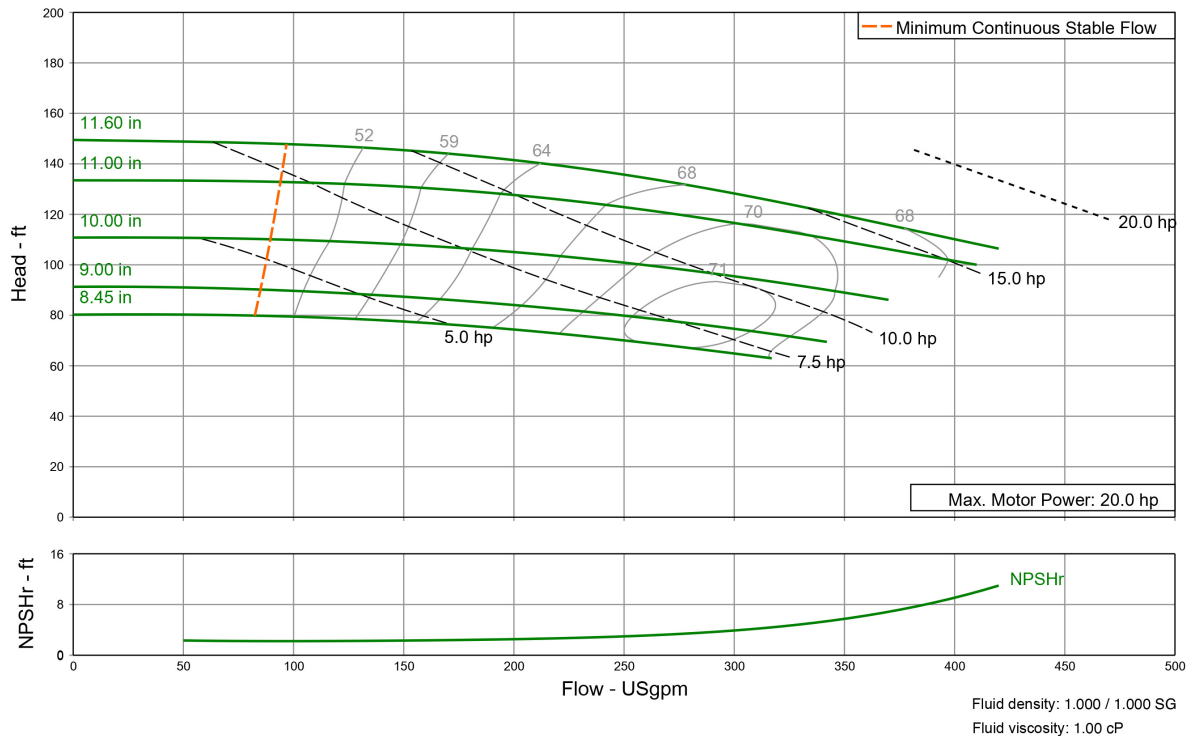
Model 0830

1760 RPM

Curve no. 814  
Min. Imp. Dia. 8.45"  
Size 3 X 4 X 11.75

TA Series

August 1, 2024



Comments: \_\_\_\_\_