

# 1600 Series - Custom Models | Submittal Data

Submittal No: 301-005 | Model: 1635 | RPM: 1750 RPM | Effective: January 14, 2022 | Supersedes: June 29, 2020

JOB: \_\_\_\_\_

REPRESENTATIVE: \_\_\_\_\_

ENGINEER: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

## PRODUCT DATA

ITEM NO. \_\_\_\_\_

MODEL NO. \_\_\_\_\_

IMPELLER DIAMETER \_\_\_\_\_ HP \_\_\_\_\_

GPM \_\_\_\_\_ VOLTAGE \_\_\_\_\_

T.D.H. \_\_\_\_\_ WEIGHT \_\_\_\_\_

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

NSF 61 CERTIFIED YES NO

## DIMENSIONS

\* 1/3 HP AVAILABLE IN 1 PHASE ONLY

| MODEL NUMBER | FLANGE SIZE | POWER HP (KW) | DIMENSIONS |              |              |              |
|--------------|-------------|---------------|------------|--------------|--------------|--------------|
|              |             |               | A          | B            | C            | D            |
| 1635         | 2 (51)      | 1/2 (.37)     | 3 1/2 (89) | 18 (457)     | 13 1/2 (343) | 16 1/8 (410) |
|              |             | 3/4 (.56)     |            | 18 1/2 (470) |              |              |
|              |             | 1 (.75)       |            | 19 (483)     |              |              |
|              |             | 1 1/2 (1.1)   |            | 21 (533)     |              |              |

English dimensions are in inches. Metric dimensions are in millimeters. Metric data is presented in ( ).  
Do not use for construction purposes unless certified.

## MOTOR CONFIGURATION

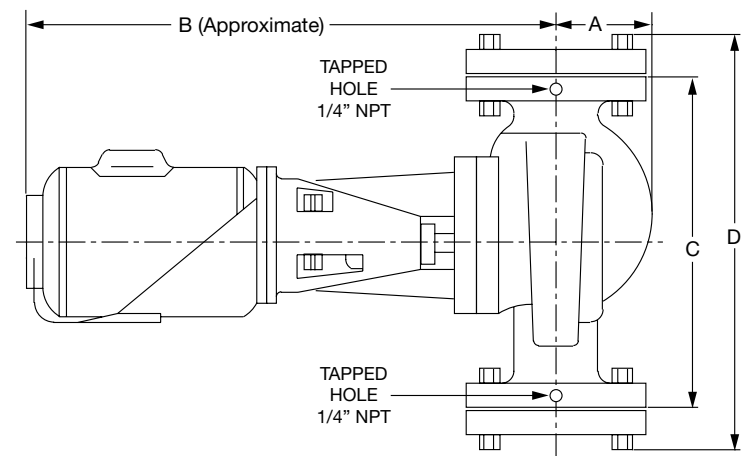
### 1750 RPM

Three Phase 200V, 60Hz  
Three Phase 230/460V, 60Hz  
Single Phase with overload protection

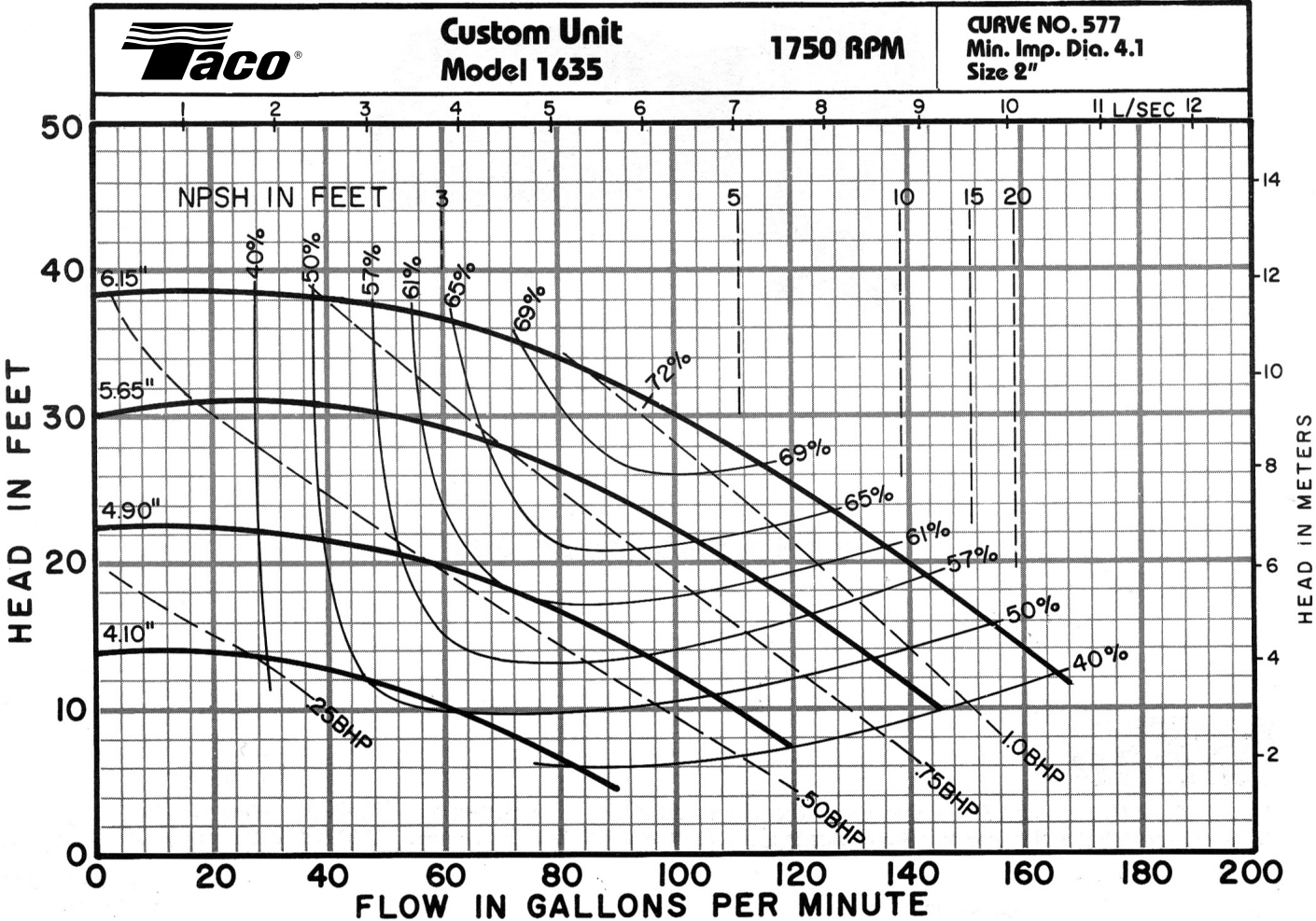
## SPECIFICATIONS

- Body – Flanged in-line connections. Companion flanges are included.
  - Flanges – Flanges are tapped for gauges (1/4" NPT).
  - Impeller – Closed, dynamically balanced.
  - Drive Coupling – Non-Metallic, vibration dampening.
  - Frame – Ball bearing type, permanently lubricated.
- REMOVABLE BEARING CARTRIDGE FITS ALL MODELS.
- Mechanical Seal –  
Type 21 2 Piece Standard – 250°F (121°C) Operating Temperature  
High Temperature – 300°F (149°C) Operating Temperature
  - Working Pressure – 175 PSI (1207 kpa).  
In accordance with ANSI Standard B16.1.

| MATERIALS OF CONSTRUCTION | STANDARD            | OPTIONAL                                  |
|---------------------------|---------------------|---|
| CASING                    | Cast Iron           | 304 Stainless Steel                       |
| IMPELLER                  | 304 Stainless Steel | N/A                                       |
| SHAFT                     | Stainless Steel 416 | N/A                                       |
| BRACKET                   | Cast Iron           | Cast Iron with Stainless Steel Face Plate |



MODEL 1635 CUSTOM UNIT PERFORMANCE CURVE (1750 RPM)



COMMENTS