

# 1600 Series - Custom Models | Submittal Data

Submittal No: 301-006 | Model: 1641 | 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            |
| 1641         | 2 (51)      | 1 1/2 (1.1)   | 3 5/8 (92) | 21 (533) | 16 1/2 (419) | 19 1/2 (495) |
|              |             | 2 (1.5)       |            | 23 (584) |              |              |
|              |             | 3 (2.37)      |            | 24 (610) |              |              |

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

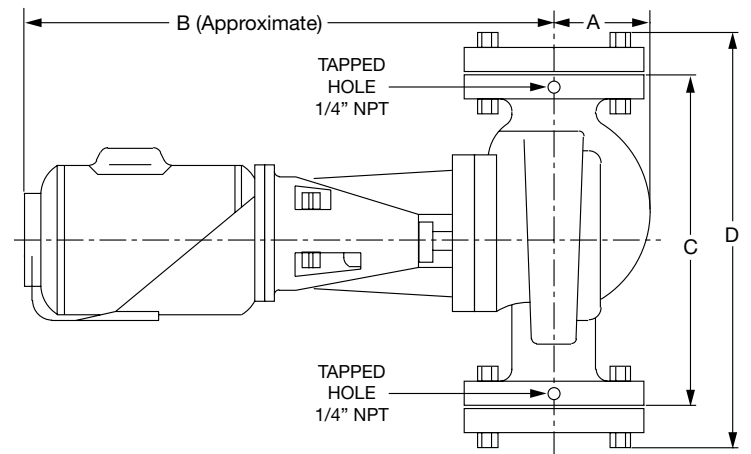
### 1750 RPM

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

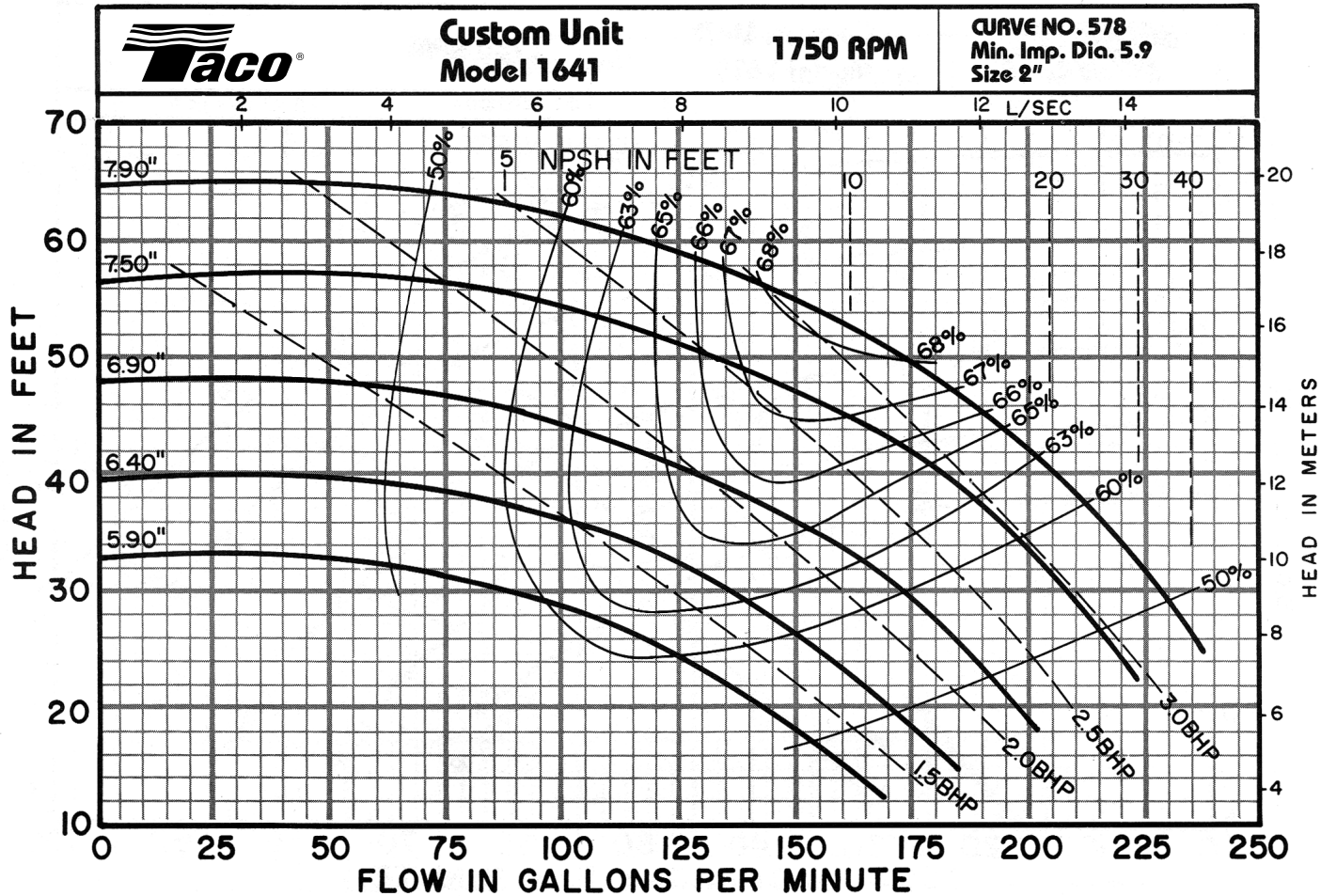
## SPECIFICATIONS

- 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 1641 CUSTOM UNIT PERFORMANCE CURVE (1750 RPM)



COMMENTS