

# CI Series Pump | Submittal Data

Submittal No: 301-1389D | Model: 6011D | RPM: 1450 - 50 Hz | Effective: January 27, 2020 | Supersedes: July 12, 2018

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

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

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

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

## PRODUCT DATA

ITEM NO. \_\_\_\_\_ MODEL NO. 6011D

IMPELLER DIAMETER \_\_\_\_\_ HORSEPOWER \_\_\_\_\_

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

HEAD/FT \_\_\_\_\_ RPM 1450

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

## DIMENSIONS

Model No. | 6011D  
Flange Size (Suction x Discharge) | 8 x 6 (203 x 152)

| HORSEPOWER |                                   | 15                          | 20          | 25          | 30          | 40          |
|------------|-----------------------------------|-----------------------------|-------------|-------------|-------------|-------------|
| ODP        | MOTOR FRAME                       | 254JM                       | 256JM       | 284JM       | 286JM       | 324JM       |
|            | G MAX                             | 19.44 (494)                 |             | 21.31 (541) | 21.69 (551) | 22.19 (564) |
|            | MAXIMUM ASSEMBLY WEIGHT LBS. (KG) | 592 (269)                   |             | 741 (336)   |             | 1041 (472)  |
| TEFC       | MOTOR FRAME                       | 254JM                       | 256JM       | 284JM       | 286JM       | 324JM       |
|            | G MAX                             | 20.05 (509)                 |             | 23.39 (594) |             | 25.40 (645) |
|            | MAXIMUM ASSEMBLY WEIGHT LBS. (KG) | 592 (269)                   |             | 741 (336)   |             | 1041 (472)  |
| A          |                                   | ANSI Class 125: 6.10 (155)  |             |             |             |             |
|            |                                   | ANSI Class 250: 6.60 (168)  |             |             |             |             |
| B          |                                   | ANSI Class 125: 15.00 (381) |             |             |             |             |
|            |                                   | ANSI Class 250: 15.44 (392) |             |             |             |             |
| C (MOTOR)  |                                   | 10.0 (254)                  |             | 11.0 (279)  |             | 12.5 (318)  |
| D          |                                   | 9.5 (241)                   | 11.75 (298) | 10.75 (273) | 12.25 (311) | 12.00 (305) |
| E          |                                   | 6.25 (159)                  |             | 7.0 (178)   |             | 8.0 (203)   |
| F          |                                   | 12.40 (315)                 |             |             |             |             |
| H (PUMP)   |                                   | 17.72 (450)                 |             |             |             |             |
| J          |                                   | 5.90 (150)                  |             |             |             |             |
| K          |                                   | ANSI Class 125: 3.15 (80)   |             |             |             |             |
|            |                                   | ANSI Class 250: 3.65 (93)   |             |             |             |             |
| L          |                                   | 8.32 (211)                  |             |             | 8.82 (224)  |             |
| N (PUMP)   |                                   | 0.63 (16)                   |             |             |             |             |
| P          |                                   | 0.53 (13)                   |             |             |             | 0.66 (17)   |
| R          |                                   | 8.25 (210)                  | 10.0 (254)  | 9.5 (241)   | 11.0 (279)  | 10.5 (267)  |
| S          |                                   | ANSI Class 125: 12.38 (314) |             |             |             |             |
|            |                                   | ANSI Class 250: 12.88 (327) |             |             |             |             |

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

| Configuration | DOE Basic Model Number | PEI Value        |       | Energy Rating |
|---------------|------------------------|------------------|-------|---------------|
| Bare Pump     | CI6011D-4P-BP          | PEI <sub>d</sub> | 0.92† | 8†            |
| Pump + Motor  | CI6011D-4P-PM          | PEI <sub>d</sub> | 0.92† | 8†            |

†PEI/ER values based on 60Hz test.

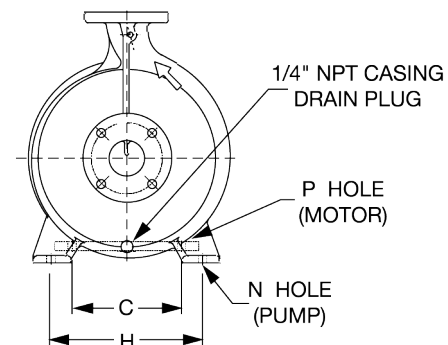
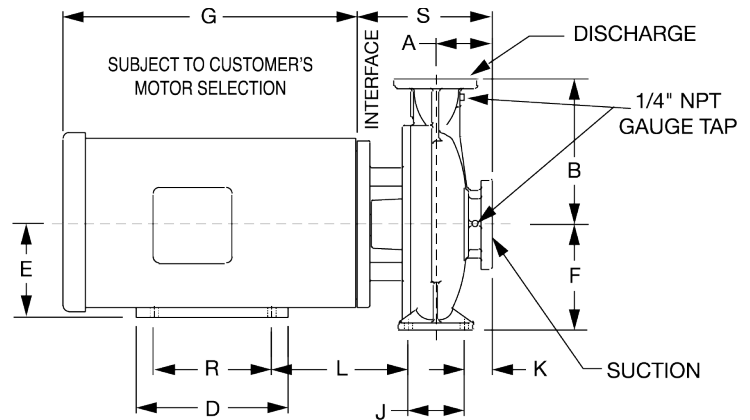
## OPERATING SPECIFICATIONS

| FLANGE         | PRESSURE              | TEMPERATURE   |
|----------------|-----------------------|---------------|
| ANSI Class 125 | 175 PSIG* (1210 KPA)  | 250°F (120°C) |
| ANSI Class 250 | 300 PSIG** (2070 KPA) | 250°F (120°C) |

Motors: All NEMA Standard (JM Frame)

\* In accordance with ANSI Standard B16.1 Class 125

\*\* In accordance with ANSI Standard B16.1 Class 250



| MATERIALS OF CONSTRUCTION |              | CASING                                   | COVER                                | IMPELLER                                | WEAR RING                   | SHAFT        | SHAFT SLEEVE                       | MECHANICAL SEAL                              | SEAL FLUSH LINE ASSEMBLY |
|---------------------------|--------------|------------------------------------------|--------------------------------------|-----------------------------------------|-----------------------------|--------------|------------------------------------|----------------------------------------------|--------------------------|
| STANDARD CONSTRUCTION     | 125# FLANGE  | Cast Iron ASTM A48/A48M-03 Class 30A     | Cast Iron ASTM A48/A48M-03 Class 30A | Bronze ASTM B584 ALLOY C83600 or C84400 | N/A                         | Carbon Steel | Bronze ASTM B584-98A C92200        | Ceramic/EPT                                  | N/A                      |
|                           | 250# FLANGE  | Ductile Iron ASTM A536-84 Grade 65-45-12 | Cast Iron ASTM A48/A48M-03 Class 30A | Bronze ASTM B584 ALLOY C83600 or C84400 | N/A                         | Carbon Steel | Bronze ASTM B584-98A C92200        | Ceramic/EPT                                  | N/A                      |
| OPTIONAL                  | 125# OR 250# | N/A                                      | N/A                                  | Stainless Steel ASTM A351/A 351M-08     | Bronze ASTM B584-98A C92200 | N/A          | Stainless Steel TYPE 303 ASTM A276 | Tyngsten Carbide /EPT or Silicon-Carbide/EPT | Copper & Brass C3600     |

N/A - Not Available

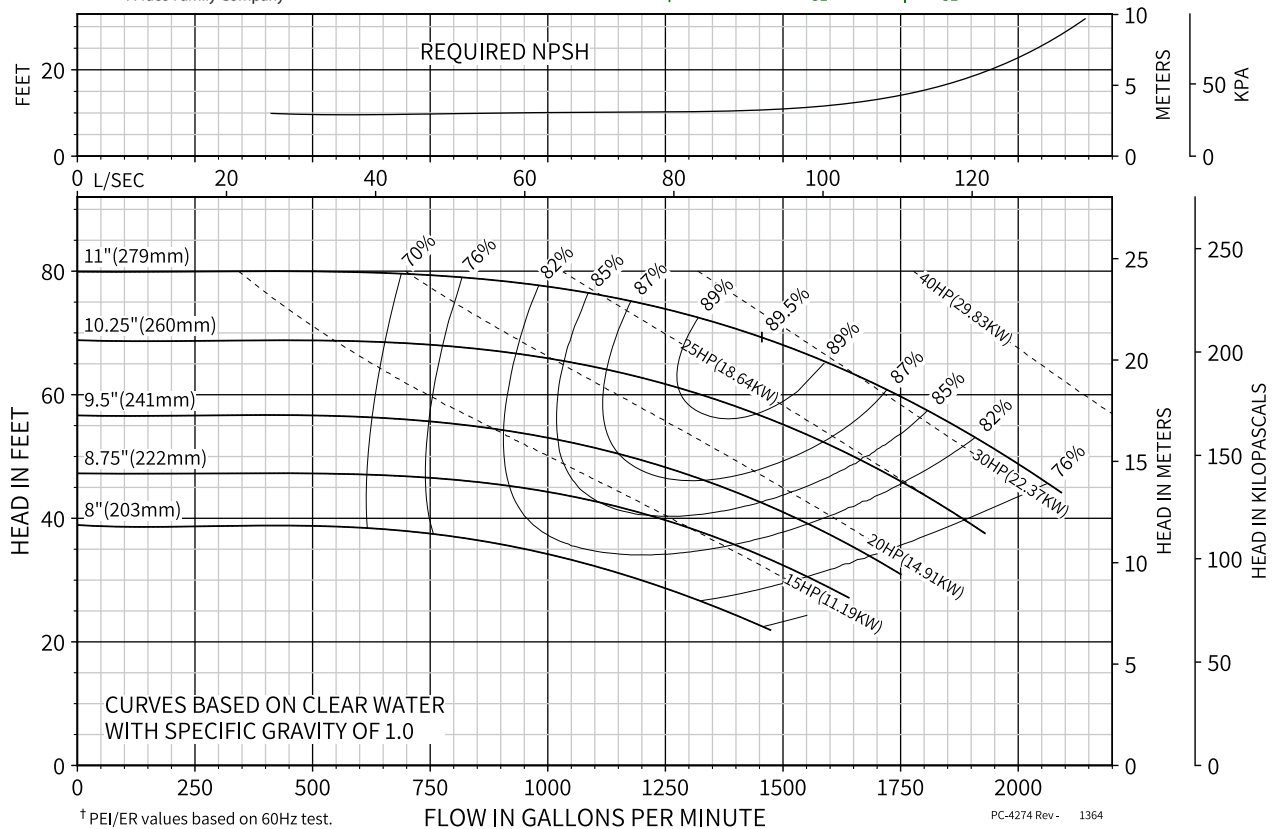


## CI Series | Model: 6011D | 1450 RPM

Curve No. 4274 | Min. Imp. Dia. 8.0" | Size 8x6x11.0 | January 29, 2020

Comfort Solutions®  
A Taco Family Company

**Energy Efficiency Rating:** DOE Basic Model Number: CI6011D-4P-PM  
Pump & Motor:  $PEI_{CL}$ : 0.92<sup>†</sup> |  $ER_{CL}$ : 8<sup>†</sup>



## COMMENTS