



# Submittal Data Information

## Horizontal Split Case Pumps (50 Hz – NEMA)

301-2671

EFFECTIVE: July 12, 2018

SUPERSEDES: May 29, 2015

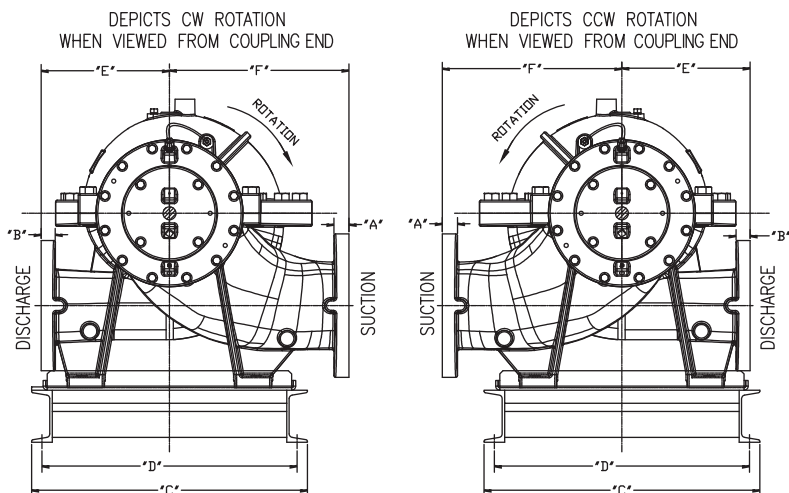
1450 RPM MODEL HS060512

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

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

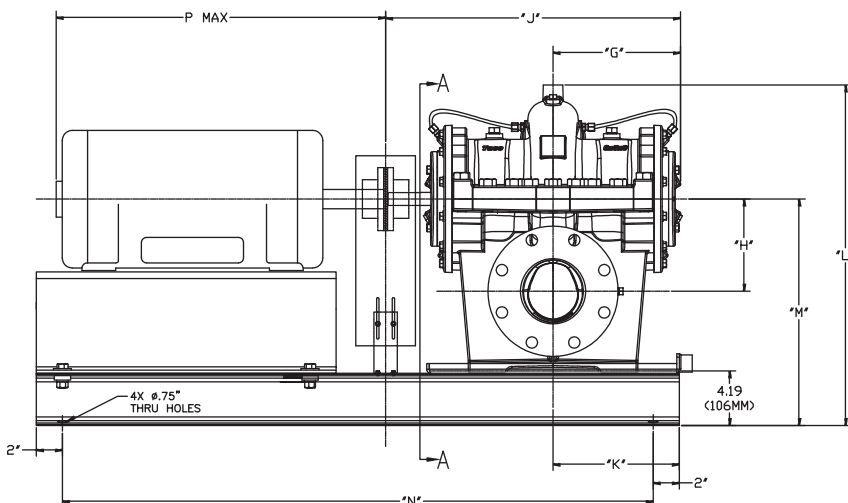
| ITEM NO. | MODEL NO. | IMPELLER DIA. | G.P.M. | HEAD/FT. | H.P. | ELEC. CHAR. |
|----------|-----------|---------------|--------|----------|------|-------------|
|----------|-----------|---------------|--------|----------|------|-------------|

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



SPECIFY ROTATION:

- ☐ Clockwise  
☐ Counterclockwise



### MAXIMUM ASSEMBLY WEIGHT

| Motor Frame | Weight<br>Lbs (Kg) |
|-------------|--------------------|
| 254T        | 943 (427)          |
| 256T        | 953 (432)          |
| 284T        | 1073 (486)         |
| 286T        | 1088 (493)         |
| 324T        | 1178 (534)         |

### DIMENSIONS

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

| Model No.<br>Flange Size         | HP<br>1450<br>RPM | NEM<br>Motor<br>Frame | A SUCTION            |                      | B DISCHARGE          |                      | C     | D     | E     | F     | G     | H     | J     | K     | L     | M     | N      | P MAX         |
|----------------------------------|-------------------|-----------------------|----------------------|----------------------|----------------------|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|---------------|
|                                  |                   |                       | ANSI<br>Class<br>125 | ANSI<br>Class<br>250 | ANSI<br>Class<br>125 | ANSI<br>Class<br>250 |       |       |       |       |       |       |       |       |       |       |        |               |
| HS060512<br>6 x 5<br>(152 x 127) | 15                | 254T                  |                      |                      |                      |                      |       |       |       |       |       |       |       |       |       |       |        | 23.2<br>(589) |
|                                  | 20                | 256T                  |                      |                      |                      |                      |       |       |       |       |       |       |       |       |       |       |        | 27.8<br>(706) |
|                                  | 25                | 284T                  | 1.00                 | 1.44                 | 0.94                 | 1.38                 | 21.17 | 19.92 | 11.42 | 13.19 | 9.80  | 6.88  | 22.63 | 9.50  | 27.22 | 17.58 | 48.0   | 30.3<br>(770) |
|                                  | 30                | 286T                  | (25)                 | (37)                 | (24)                 | (35)                 | (538) | (506) | (290) | (335) | (249) | (175) | (575) | (241) | (691) | (447) | (1219) |               |
|                                  | 40                | 324T                  |                      |                      |                      |                      |       |       |       |       |       |       |       |       |       |       |        |               |

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      | Bronze Fitted                                  |                                                 | Stainless Steel                                   |
|-----------|------------------------------------------------|-------------------------------------------------|---------------------------------------------------|
|           | Standard Pump Construction                     |                                                 | Optional                                          |
|           | 125# Flange                                    | 250# Flange                                     | 125# or 250#                                      |
| Casing    | Cast Iron<br>ASTM A48/A48M-03<br>Class 30A     | Ductile Iron<br>ASTM A536-84<br>Grade: 65-45-12 | N/A                                               |
| Cover     | Cast Iron<br>ASTM A48/A48M-03<br>Class 30A     | Ductile Iron<br>ASTM A536-84<br>Grade: 65-45-12 | N/A                                               |
| Impeller  | Bronze<br>ASTM 584<br>C83600, C84400 or C87500 | Bronze<br>ASTM 584<br>C83600, C84400 or C87500  | N/A                                               |
| Wear Ring | Bronze<br>ASTM 584<br>C93200                   | Bronze<br>ASTM 584<br>C93200                    | N/A                                               |
| Sleeve    | Bronze<br>ASTM 584<br>C93200                   | Bronze<br>ASTM 584<br>C93200                    | N/A                                               |
| Shaft     | Carbon Steel<br>AISI 1045                      | Carbon Steel<br>AISI 1045                       | Stainless Steel<br>TYPE 416™ or 410™<br>ASTM A582 |
| Key       | Carbon Steel<br>AISI 1045                      | Carbon Steel<br>AISI 1045                       | Stainless Steel<br>AISI 304                       |

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)         |

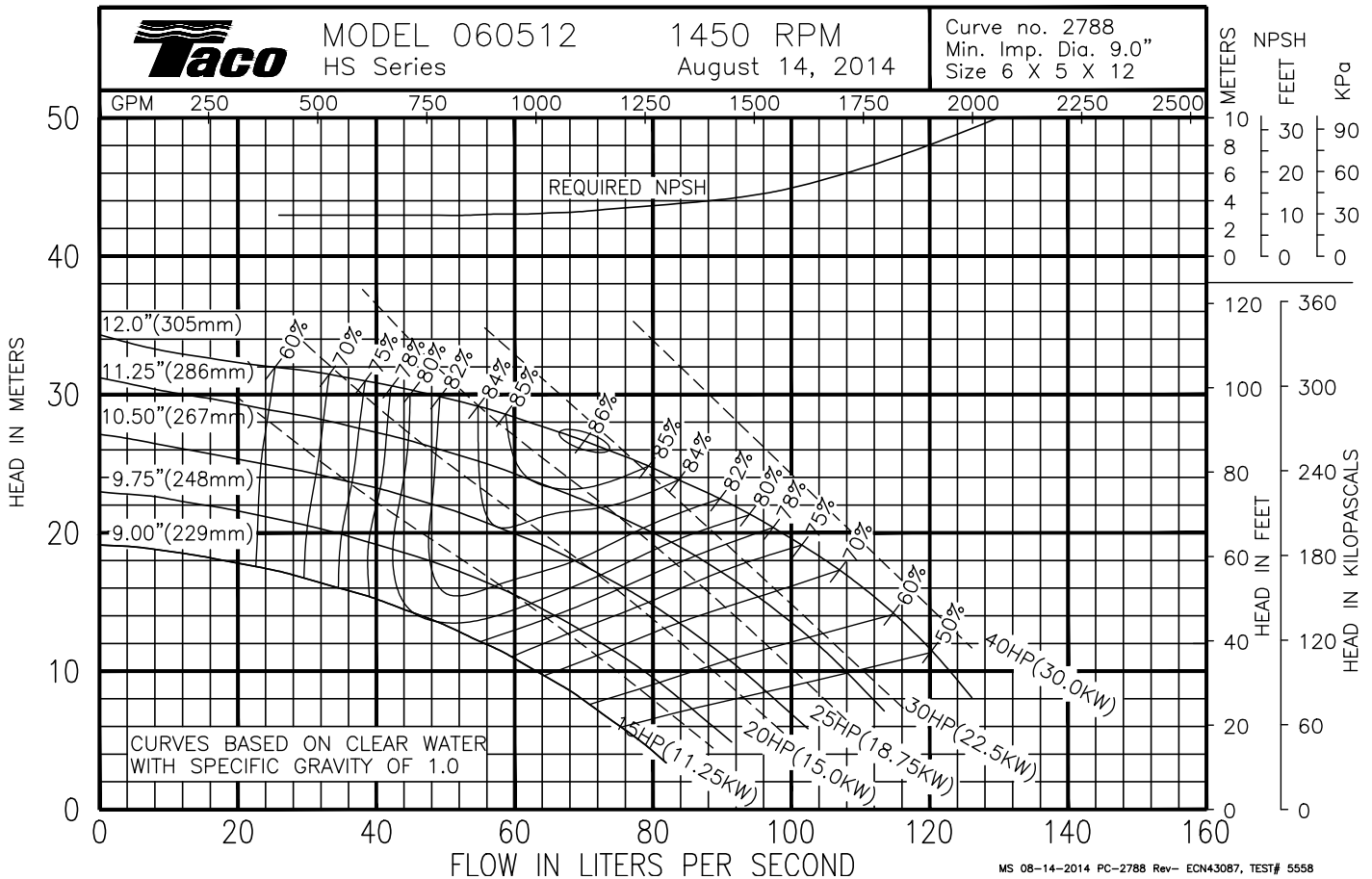
Motors: All NEMA Standard (T Frame)

\* 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<br>Rings               | N/A                             |
| Seal Flushing         | Recirculation<br>Line            | Filter & Abrasive<br>Separators |
| Motors                | All Standard NEMA and IEC Motors |                                 |
| Base                  | Drip Type Base                   |                                 |
| Additional<br>Options | Two Rotation Options             |                                 |



Comments:

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