# Submittal Data Information

## GT Series Pumps (60 Hz – NEMA)

301-1762

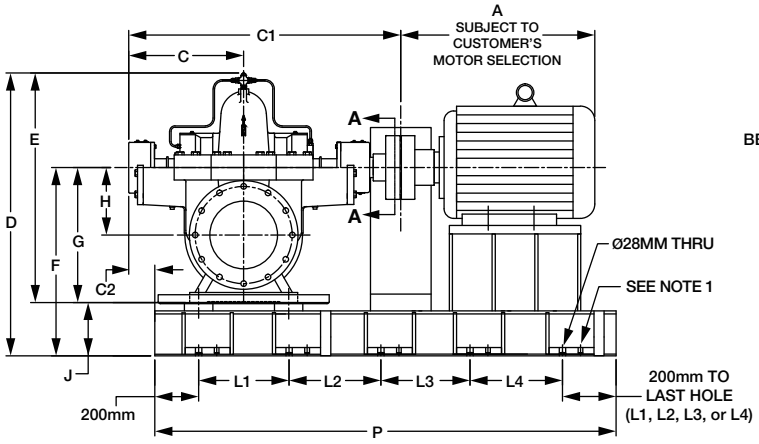
EFFECTIVE: November 1, 2011 SUPERSEDES: December 1, 2010 1160 RPM MODEL 40032

JOB _____ ENGINEER _____

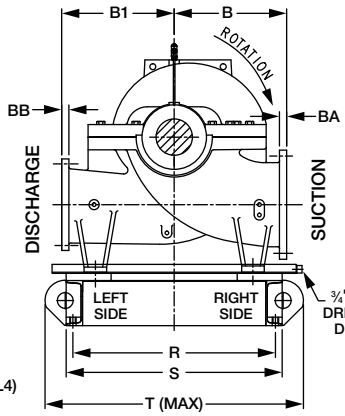
CONTRACTOR _____ REP. _____

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

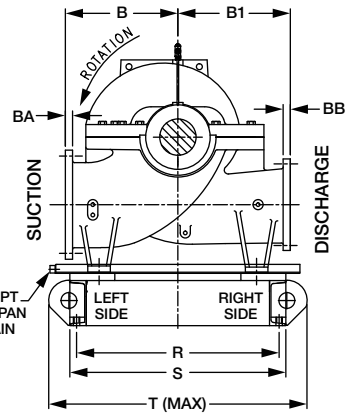
WEIGHT _____ PUMP/MOTOR _____




SECTION A-A
C.W. ROTATION
VIEWED FROM COUPLING END
MOTOR NOT SHOWN




SECTION A-A
C.C.W. ROTATION
VIEWED FROM COUPLING END
MOTOR NOT SHOWN




### MOTOR HP & FRAME COMBINATIONS

| Model No. / Flange Size | HP / 1160 RPM | MOTOR FRAME - ODP | | MOTOR FRAME - TEFC | |
|---|---|---|---|---|---|
| | | 460 VOLT * | 2300/4160 VOLT | 460 VOLT * | 2300/4160 VOLT |
| 40032 | 60 | 404T | N/A | 404T | N/A |
| | 75 | 405T | N/A | 405T | N/A |
| 16 x 14 | 100 | 444T | N/A | 444T | N/A |
| (406 x 356) | 125 | 445T | N/A | 445T | N/A |

**For all customer supplied motors above 449 NEMA frame, a certified motor drawing must be supplied by the customer at time of order entry.**

**Submittal dimensions for motor frames above 449 NEMA are specific to Baldor Electric Motors only.**

**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.**

*** Standard voltage is 230/460 for motors up to 100HP.**

**NOTE 1: Smaller holes are for alignment. Dimensions not supplied.**

### MOTOR & FRAME DIMENSIONS

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

| Model No. / Flange Size | NEMA Motor Frame | A** (Maximum Value) | J | L1 | L2 | L3 | L4 | P | R | S | T |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 40032 | 404T | 38.54 (979) | 9.33 | 23.62 (600) | 23.62 (600) | 23.62 (600) | N/A | 86.61 (2200) | 37.40 | 39.61 | 46.46 |
| | 405T | | | | | | | | | | |
| 16 x 14 | 444T | 44.88 (1140) | (237) | 25.85 (657) | 25.85 (657) | 25.85 (657) | | 93.31 (2370) | (950) | (1006) | (1180) |
| (406 x 356) | 445T | | | | | | | | | | |

### PUMP DIMENSIONS

| Model No. / Flange Size | NEMA Motor Frame | B | | B1 | | BA | | BB | | C | C1 | C2 | D | E | F | G | H |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | ANSI Class 125 | ANSI Class 250 | ANSI Class 125 | ANSI Class 250 | ANSI Class 125 | ANSI Class 250 | ANSI Class 125 | ANSI Class 250 | | | | | | | | |
| 40032 | 404T | 25.59 | 26.34 | 21.65 | 22.36 | 1.44 | 2.25 | 1.38 | 2.13 | 21.89 | 51.69 | 0.94 | 55.59 | 46.26 | 35.71 | 26.38 | 13.78 |
| | 405T | | | | | | | | | | | | | | | | |
| 16 x 14 | 444T | (650) | (669) | (550) | (568) | (37) | (57) | (35) | (54) | (556) | (1313) | (24) | (1412) | (1175) | (907) | (670) | (350) |
| (406 x 356) | 445T | | | | | | | | | | | | | | | | |

## MATERIALS OF CONSTRUCTION

| Item | Bronze Fitted | | All Iron | |
|---|---|---|---|---|
| | Standard | Optional | Standard | Optional |
| Casing | Cast Iron ASTM A48 Class 30A | N/A | Cast Iron ASTM A48 Class 30A | N/A |
| Impeller | Bronze ASTM B584-836 | Stainless Steel AISI 304 | Stainless Steel AISI 304 | Stainless Steel AISI 304 |
| Wear Ring | Bronze ASTM B584-836 | N/A | Stainless Steel AISI 420 | N/A |
| Shaft | Carbon Steel AISI 1045 | Stainless Steel AISI 420 | Carbon Steel AISI 1045 | Stainless Steel AISI 420 |
| Shaft Sleeve | Bronze ASTM B584-836 | Stainless Steel AISI 420 | Stainless Steel AISI 420 | N/A |
| Mechanical Seal | Carbon/ Silicon Carbide Viton | N/A | Carbon/ Silicon Carbide Viton | N/A |
| Seal Flush Line | Copper | CF | Copper | N/A |

CF - Consult Factory N/A - Not Available

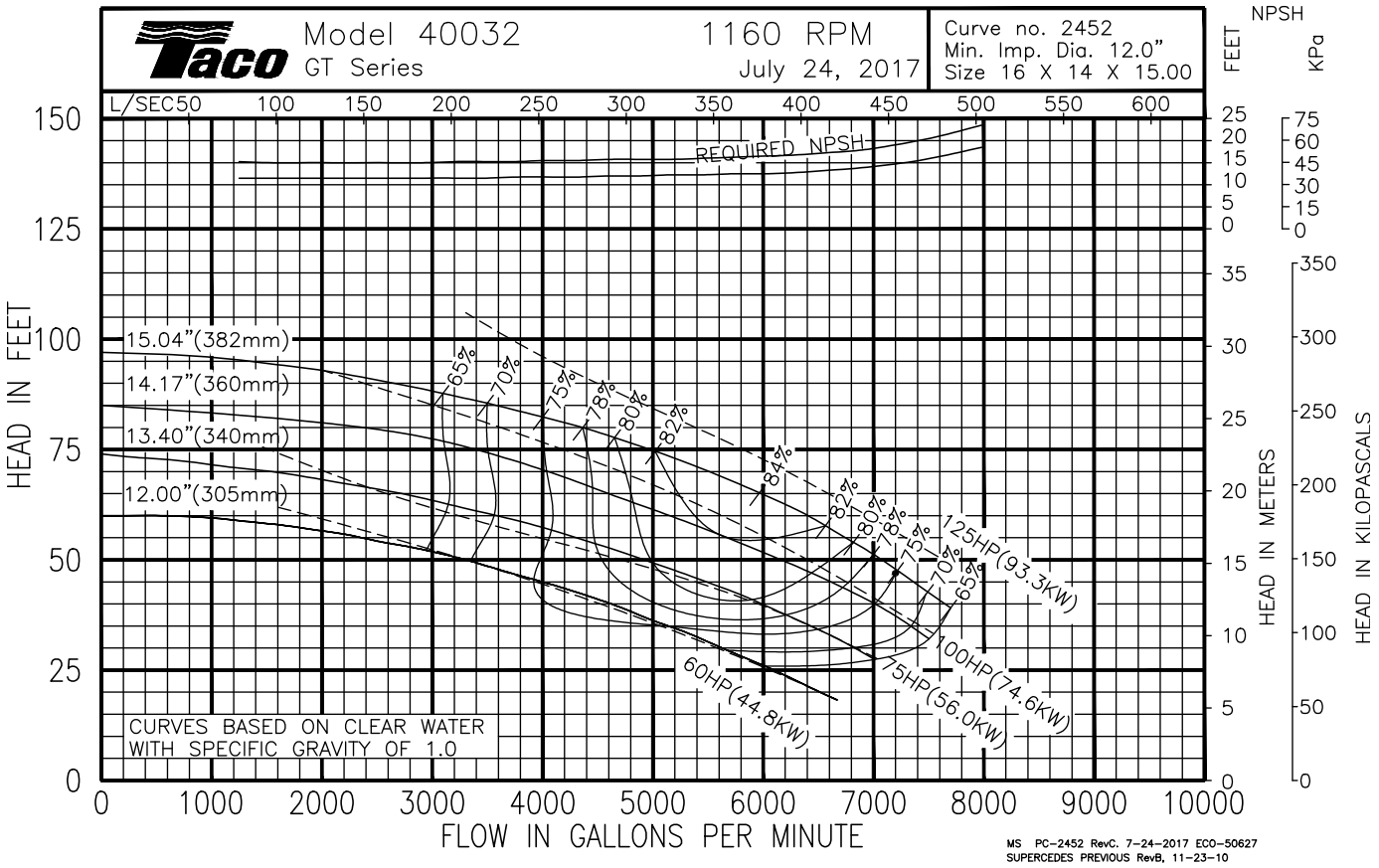
## OPERATING SPECIFICATIONS

| | Standard | Optional |
|---|---|---|
| Flange | ANSI Class 125 | ANSI Class 250 |
| Pressure | 175 PSIG* (1210 KPA) | 300 PSIG** (2070 KPA) |
| Temperature | 250°F (120°C) | 250°F (120°C) |

* In accordance with ANSI Standard B16.1 Class 125
** In accordance with ANSI Standard B16.1 Class 250

## MAXIMUM ASSEMBLY WEIGHT

| Motor Frame | Weight Lbs (Kg) |
|---|---|
| 404T - 405T | 5741 (2604) |
| 444T - 445T | 6988 (3170) |




Comments: _____


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