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# Customer information packet

## CECR9754T

75HP, 1785RPM, 3PH, 60HZ, 365TC, A36070M, TEFC

Class - None

Division - Not Applicable

## Specifications

|                               |                                           |
|-------------------------------|-------------------------------------------|
| Enclosure                     | TEFC                                      |
| Frame                         | 365TC                                     |
| Frame Material                | Iron                                      |
| Frequency                     | 60.00 Hz                                  |
| Haz Area Class and Group      | None                                      |
| Haz Area Division             | Not Applicable                            |
| Motor Letter Type             | Three Phase                               |
| Output @ Frequency            | 75.000 HP @ 60 HZ                         |
| Phase                         | 3                                         |
| Synchronous Speed @ Frequency | 1800 RPM @ 60 HZ                          |
| Voltage @ Frequency           | 230.0 V @ 60 HZ<br>460.0 V @ 60 HZ        |
| Agency Approvals              | NEMA PREMIUM<br>CURUSEEV                  |
| Ambient Temperature           | 40 °C                                     |
| Auxiliary Box                 | NO AUXILLARY BOX                          |
| Base Indicator                | Rigid                                     |
| Bearing Grease Type           | Polyrex EM (-20F +300F)                   |
| Current @ Voltage             | 175.000 A @ 230.0 V<br>87.500 A @ 460.0 V |
| Design Code                   | A                                         |
| Drip Cover                    | No Drip Cover                             |
| Duty Rating                   | CONT                                      |
| Efficiency @ 100% Load        | 95.4 %                                    |
| Feedback Device               | NO FEEDBACK                               |
| Heater Indicator              | No Heater                                 |
| High Voltage Full Load Amps   | 87.5 a                                    |
| Insulation Class              | F                                         |
| Inverter Code                 | Inverter Ready                            |
| KVA Code                      | H                                         |
| Lifting Lugs                  | Standard Lifting Lugs                     |
| Max Speed                     | 2700 rpm                                  |

## Part detail

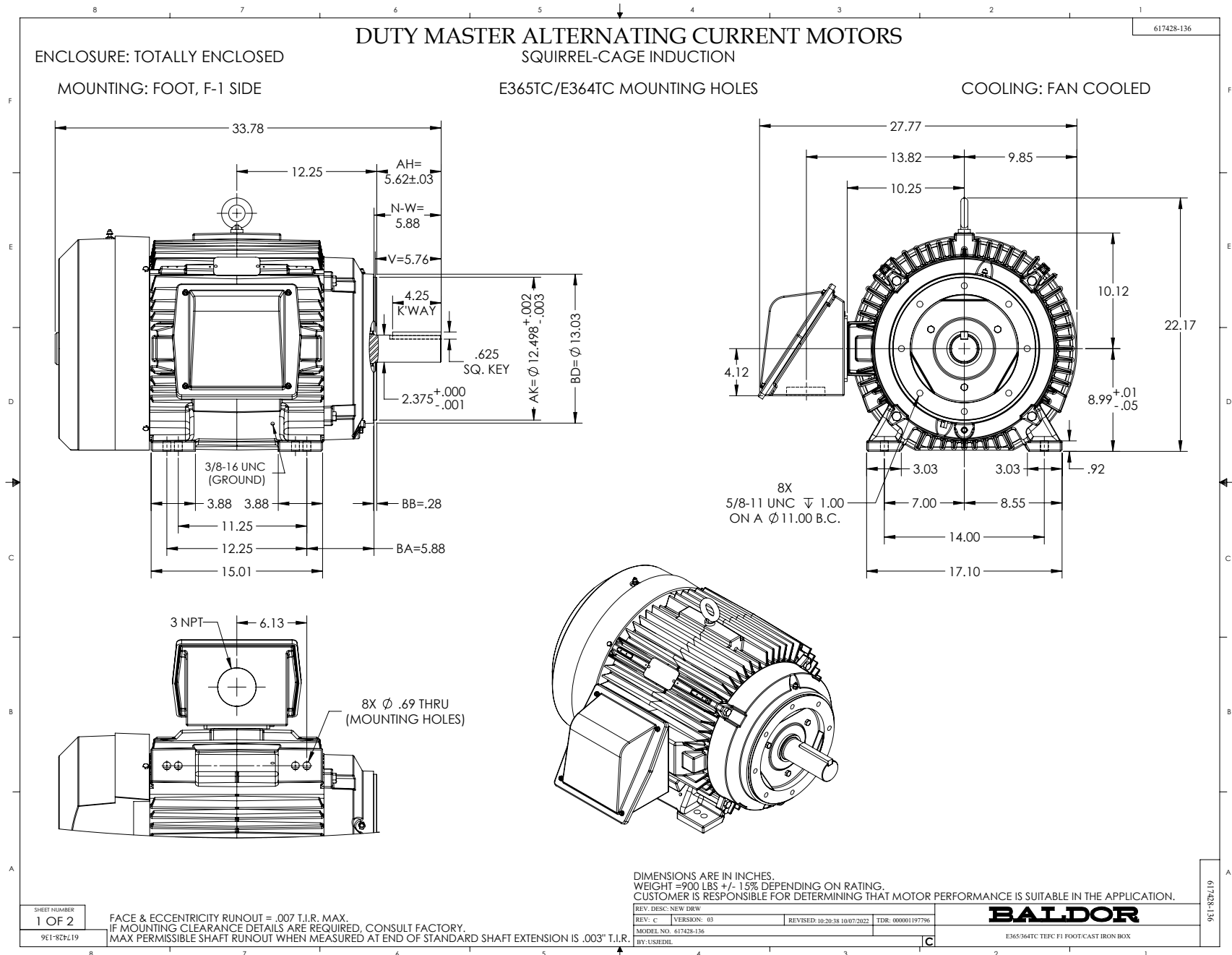
|              |            |
|--------------|------------|
| Revision     | -          |
| Type         | AC         |
| Mech. spec.  |            |
| Base         |            |
| Status       | PRD/A      |
| Elec. spec.  | A36WG4073  |
| Layout       | 617428-136 |
| Eff. date    | 07-24-2025 |
| CD Diagram   | CD0180     |
| Poles        | 04         |
| Leads        | 3#4,6#6    |
| Proprietary  | False      |
| Created date | 07-23-2025 |

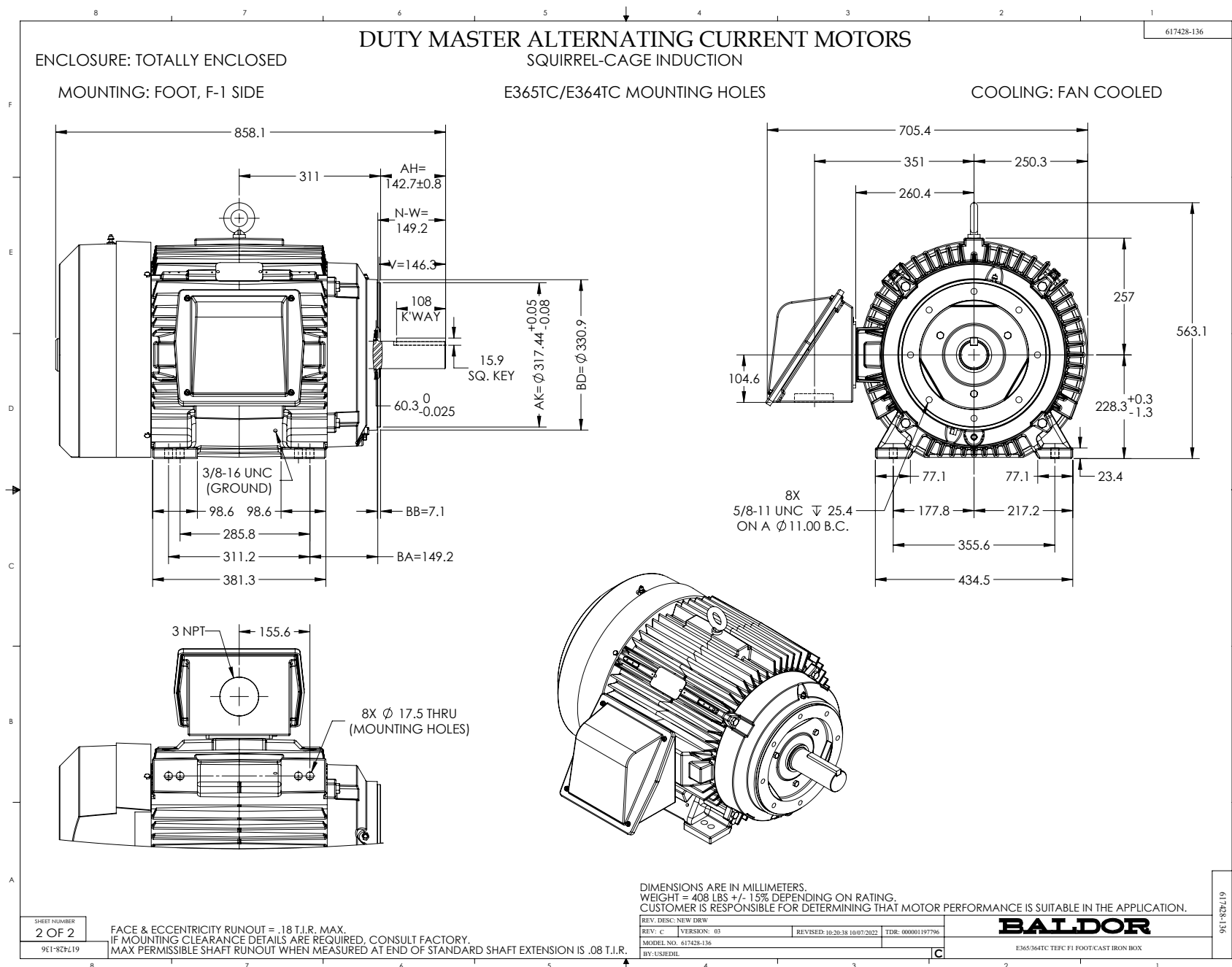
|                                      |                    |
|--------------------------------------|--------------------|
| <b>Motor Lead Quantity/Wire Size</b> | 3 @ 4 AWG          |
| <b>Motor Standards</b>               | NEMA               |
| <b>Motor Type</b>                    | A36070M            |
| <b>Mounting Arrangement</b>          | F1                 |
| <b>Number of Poles</b>               | 4                  |
| <b>Overall Length</b>                | 33.48 IN           |
| <b>Power Factor</b>                  | 84                 |
| <b>Product Family</b>                | Crusher Duty       |
| <b>Pulley End Bearing Type</b>       | Ball               |
| <b>Pulley Face Code</b>              | C-Face             |
| <b>Service Factor</b>                | 1.25               |
| <b>Shaft Diameter</b>                | 2.374 IN           |
| <b>Shaft Ground Indicator</b>        | No Shaft Grounding |
| <b>Shaft Rotation</b>                | Reversible         |
| <b>Shaft Slinger Indicator</b>       | Shaft Slinger      |
| <b>Speed</b>                         | 1785 rpm           |
| <b>Speed Code</b>                    | Single Speed       |
| <b>Starting Method</b>               | Direct on line     |
| <b>Thermal Device - Bearing</b>      | None               |
| <b>Thermal Device - Winding</b>      | None               |

## Nameplate

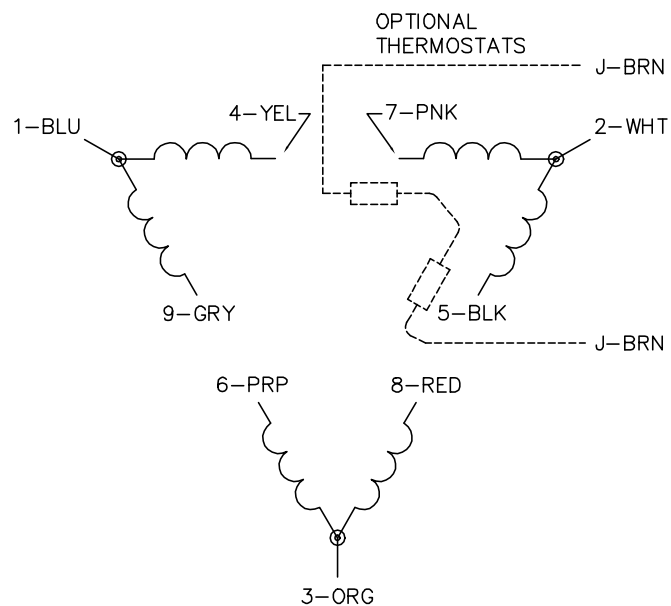
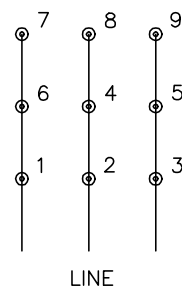
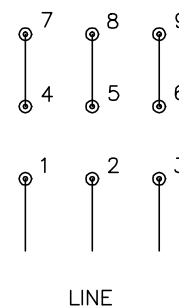
## NP3980LUA

|           |   |                            |             |               |       |        |      |              |        |       |        |     |       |               |       |   |
|-----------|---|----------------------------|-------------|---------------|-------|--------|------|--------------|--------|-------|--------|-----|-------|---------------|-------|---|
| CAT #     |   | CECR9754T                  |             |               |       | SER    |      |              |        |       | CC     |     | 010A  |               |       |   |
| SPEC      |   | A36-9186-4073              |             |               |       | RATING |      | 40C AMB-CONT |        |       |        |     |       |               |       |   |
| HZ        |   | VOLTS                      |             | AMPS          |       | RPM    |      | HP           | CODE   |       | SF     | DES | PF    | NEMA NOM. EFF |       |   |
| 60        |   | 230/460                    |             | 175/87.5      |       | 1785   |      | 75           | H      |       | 1.25   | A   | 84    | %             | 95.4  | % |
|           |   | -                          |             |               |       |        |      |              |        |       |        |     | %     |               | %     |   |
| PH        | 3 | CL                         | F           | MAX CORR KVAR |       | 18     |      |              |        |       |        |     |       |               |       |   |
| BRG       |   | DE                         | 6313        | ODE           | 6313  | ENCL   | TEFC |              | FR     | 365TC |        | 55  |       |               |       |   |
| GREASE    |   | POLYREX EM                 |             |               |       |        |      |              | MTR WT |       | 965    | LBS |       |               |       |   |
| USABLE AT |   | 50HZ 60HP 190/380V 170/85A |             |               |       |        |      | SF1.0        |        |       |        |     |       |               |       |   |
| INV READY |   | 1.0 SF VPWM                |             | CT            | 10-60 | HZ     | 6:1  | VT           | 0-60   | HZ    | 1000:1 | CHP | 60-90 | HZ            | 1.5:1 |   |
| MAX RPM   |   | 2700                       | SFA 216/108 |               |       |        |      |              |        |       |        |     |       |               |       |   |
|           |   |                            |             |               |       |        |      |              |        |       |        |     |       |               |       |   |





CD0180

LOW VOLTAGE  
(2D)HIGH VOLTAGE  
(1D)

## NOTES:

1. INTERCHANGE ANY TWO LINE LEADS TO REVERSE ROTATION.
2. OPTIONAL THERMOSTATS ARE PROVIDED WHEN SPECIFIED.
3. ACTUAL NUMBER OF INTERNAL PARALLEL CIRCUITS MAY BE A MULTIPLE OF THOSE SHOWN ABOVE.
4. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

CD0180

REV. DESC: ADD CLASS CONN00000007

REV. LTR: D

VERSION: 01

TDR: 000001099922

FILE: \AAA\00005\148

REVISED: 10: 25: 29 02/19/2019

BY: ENBRIRO

MTL: —

**BALDOR - RELIANCE®**

3PH, DV, 9 LEADS, DELTA CONNECTION

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