



## PE364T-40-6C

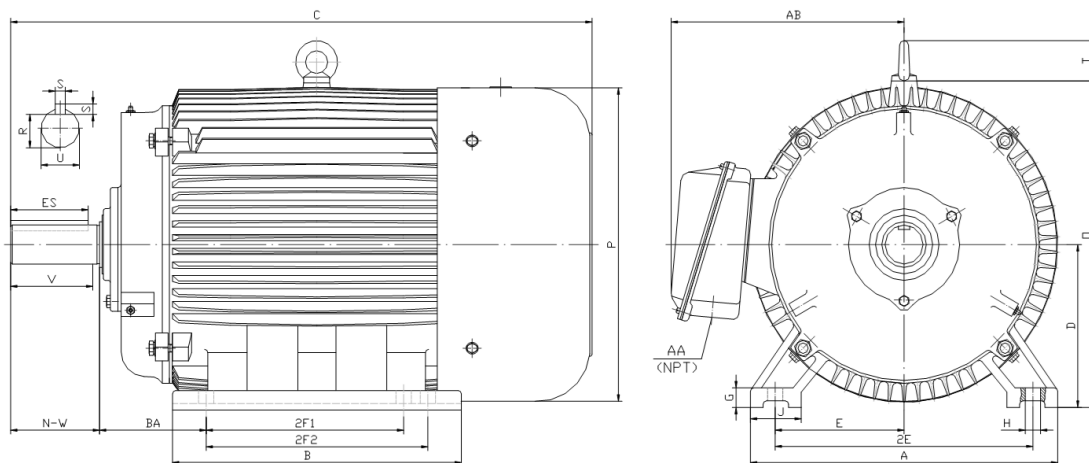
GENERAL PURPOSE ELECTRIC MOTOR

NEMA PREMIUM EFFICIENCY

TOTALLY ENCLOSED FAN COOLED

INVERTER DUTY 10:1 CT; 20:1 VT - NEMA MG1 PART 31

Factory Certified for T2B Class I, Division II, Groups A,B,C & D and Class II, Division II, Groups F & G



### DIMENSIONS

| HP | RPM  | Frame | MOUNTING |       |       |      |      |      |      |      |       |       |      |       |       |      |      |
|----|------|-------|----------|-------|-------|------|------|------|------|------|-------|-------|------|-------|-------|------|------|
|    |      |       | A        | B     | C     | D    | G    | H    | J    | E    | 2E    | 2F1   | 2F2  | O     | P     | T    | BA   |
| 40 | 1200 | 364T  | 17.10    | 14.40 | 32.50 | 9.00 | 1.10 | 0.66 | 2.95 | 7.00 | 14.00 | 11.25 | 0.00 | 18.50 | 18.40 | 2.60 | 5.88 |

| Shaft Extension, Key Set |      |       |       |      |      | Conduit Box |       | Bearings |      | Mount |
|--------------------------|------|-------|-------|------|------|-------------|-------|----------|------|-------|
| U                        | V    | R     | S     | ES   | N-W  | AA          | AB    | DE       | ODE  |       |
| 2.375                    | 5.62 | 2.021 | 0.625 | 4.28 | 5.88 | 3.00        | 15.00 | 6313     | 6313 | F1    |

**BEARING LUBRICATION:** The bearings come lubricated with Mobil Polyrex EM Polyurea Grease. It is recommended that you add some additional lubrication when the motor is installed.

Three options (brands) for suitable lubrication include, but are not limited to, the following:

- 1.) Mobil Polyrex EM
- 2.) Citco Polyurea MP
- 3.) Conoco Phillips Polytac EP



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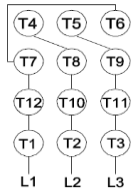
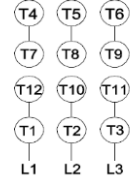
Factory Certified for T2B Class I, Division II, Groups A,B,C & D and Class II, Division II, Groups F & G

### PERFORMANCE DATA

| HP | RPM  | Frame | Voltage     | Frequency (Hz) | Full Load S.F. | Insulation Class | NEMA Design | Slip (%) | NEMA Code | Enclosure Type | IP Rating | Max. Ambient |
|----|------|-------|-------------|----------------|----------------|------------------|-------------|----------|-----------|----------------|-----------|--------------|
| 40 | 1188 | 364T  | 208-230/460 | 60             | 1.15           | F                | C           | 1.0      | G         | TEFC           | 55        | 40° C        |

| Amps (460V) |     | Efficiency (%) |      |      |      | Power Factor |       |       | Torque (ft-lb) |       |       | DE Bearing | ODE Bearing | Connection   | Weight (lbs.) |
|-------------|-----|----------------|------|------|------|--------------|-------|-------|----------------|-------|-------|------------|-------------|--------------|---------------|
| FLA         | LRA | 100%           | 75%  | 50%  | Min. | 100%         | 75%   | 50%   | FLT            | LRT % | BDT % | 6313       | 6313        | 12 Lead 2Δ/Δ | 740           |
| 50.0        | 290 | 94.1           | 94.1 | 93.6 | 93.0 | 0.780        | 0.750 | 0.660 | 178.1          | 200   | 260   |            |             |              |               |

### NAME PLATE

|                                                                                                                                                                                                                                                                                                                                                                                                                                |  |           |                         |          |  |                 |  |                       |  |                                                                                                                                                                                                                                                   |       |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------|-------------------------|----------|--|-----------------|--|-----------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--|
| <div><b>North American Electric, Inc.</b></div> <div><b>NEMA</b><br/><b>Premium</b></div>                                                                                                                                                                                                                                                     |  |           |                         |          |  |                 |  |                       |  | <div>CONNECTION<br/>DIAGRAMS</div> <div>208-230V</div>  <div>460V</div>  |       |  |
| INVERTER DUTY 20:1 VT; 10:1 CT                                                                                                                                                                                                                                                                                                                                                                                                 |  |           |                         |          |  |                 |  |                       |  |                                                                                                                                                                                                                                                   |       |  |
| CAT NO: PE364T-40-6C                                                                                                                                                                                                                                                                                                                                                                                                           |  |           | FRAME 364T              |          |  | PHASE 3         |  |                       |  |                                                                                                                                                                                                                                                   |       |  |
| HZ 60                                                                                                                                                                                                                                                                                                                                                                                                                          |  | S.F. 1.15 |                         | HZ 50    |  | S.F. 1.0        |  | ENCL TEFC             |  |                                                                                                                                                                                                                                                   | IP 55 |  |
| HP 40                                                                                                                                                                                                                                                                                                                                                                                                                          |  | RPM 1188  |                         | HP 40    |  | RPM 985         |  | DUTY CONT             |  |                                                                                                                                                                                                                                                   | DES C |  |
| VOLTS 208-230/460                                                                                                                                                                                                                                                                                                                                                                                                              |  |           | VOLTS 190/380           |          |  | AMB 40° C       |  | INS F                 |  |                                                                                                                                                                                                                                                   |       |  |
| FLA 110 - 100 / 50                                                                                                                                                                                                                                                                                                                                                                                                             |  |           | FLA 122/61              |          |  | DE BEARING 6313 |  |                       |  |                                                                                                                                                                                                                                                   |       |  |
| CODE G                                                                                                                                                                                                                                                                                                                                                                                                                         |  | P.F. 0.78 |                         | CODE F   |  | P.F. 0.80       |  | ODE BEARING 6313      |  |                                                                                                                                                                                                                                                   |       |  |
| EFF 94.1                                                                                                                                                                                                                                                                                                                                                                                                                       |  | MIN 93.0  |                         | EFF 92.4 |  | MIN 91.3        |  | LUB: Mobil Polyrex EM |  |                                                                                                                                                                                                                                                   |       |  |
| MOTOR WEIGHT 740 LBS                                                                                                                                                                                                                                                                                                                                                                                                           |  |           | CONNECTION 12 Lead 2Δ/Δ |          |  | SER NO          |  |                       |  |                                                                                                                                                                                                                                                   |       |  |
| <div>General purpose use on industrial machinery installed in damp, dusty or dirty environments.</div> <div><div>CC 082A</div></div> <div>Hernando, Mississippi</div> |  |           |                         |          |  |                 |  |                       |  |                                                                                                                                                                                                                                                   |       |  |

### APPLICATIONS:

General purpose use on pumps, fans, blowers, compressors, conveyors, material handling and other industrial machinery installed in damp, dusty or dirty environments.