



## PE326T-30-6C

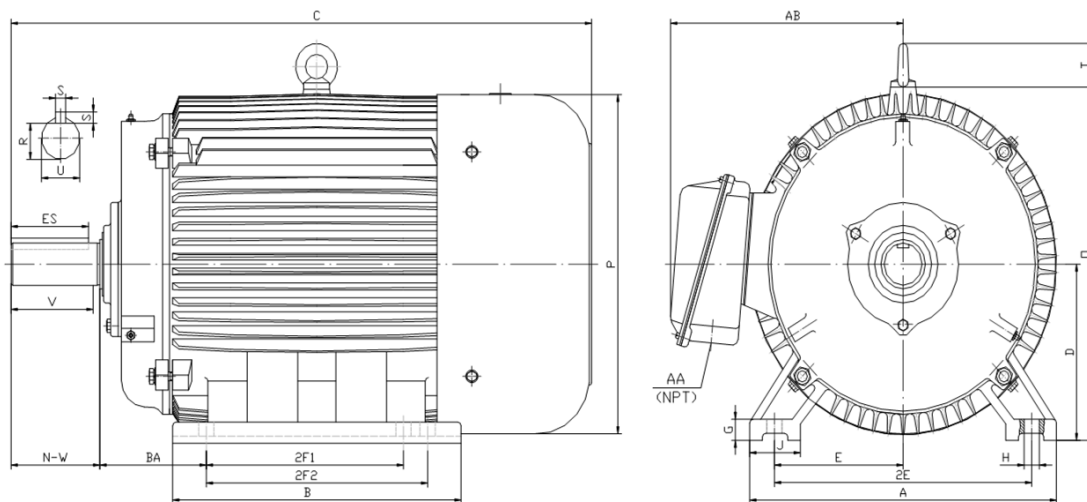
CRUSHER DUTY ELECTRIC MOTOR

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   |
| 30 | 1200 | 326T  | 15.50    | 14.70 | 31.30 | 8.00 | 1.00 | 0.66 | 2.75 | 6.25 | 12.50 | 10.50 | 12.00 | 15.90 | 15.70 | 2.60 | 5.25 |

| Shaft Extension, Key Set |      |       |       |      |      | Conduit Box |       | Bearings |      | Mount |
|--------------------------|------|-------|-------|------|------|-------------|-------|----------|------|-------|
| U                        | V    | R     | S     | ES   | N-W  | AA          | AB    | DE       | ODE  |       |
| 2.125                    | 5.00 | 1.845 | 0.500 | 3.91 | 5.25 | 2.00        | 12.30 | 6312     | 6312 | 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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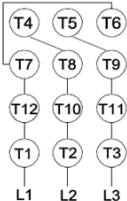
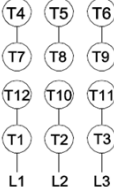
### PERFORMANCE DATA

| HP | RPM  | Frame | Voltage     | Frequency (Hz) | Full Load S.F. | Insulation Class | NEMA Design | Slip (%) | NEMA Code | Enclosure Type | IP Rating | Max. Ambient |
|----|------|-------|-------------|----------------|----------------|------------------|-------------|----------|-----------|----------------|-----------|--------------|
| 30 | 1185 | 326T  | 208-230/460 | 60             | 1.15           | F                | C           | 1.3      | 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 % |            |             |              |               |
| 35.9        | 217 | 93.0           | 93.0 | 93.0 | 91.7 | 0.800        | 0.750 | 0.640 | 133.6          | 200   | 255   | 6312       | 6312        | 12 Lead 2Δ/Δ | 517           |

### NAME PLATE

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |              |  |            |       |              |      |             |       |                                                                                                                                                         |   |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------|--|------------|-------|--------------|------|-------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| <div>North American Electric, Inc.</div> <div></div> <div>INVERTER DUTY 20:1 VT; 10:1 CT</div>                                                                                                                                                                                                                |  |              |  |            |       |              |      |             |       | <div>CONNECTION<br/>DIAGRAMS</div> <div>208-230V</div> <div></div> |   |  |
| CAT NO:                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | PE326T-30-6C |  |            | FRAME |              | 326T |             | PHASE |                                                                                                                                                         | 3 |  |
| HZ 60                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | S.F. 1.15    |  | HZ 50      |       | S.F. 1.0     |      | ENCL TEFC   |       | IP 55                                                                                                                                                   |   |  |
| HP 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | RPM 1185     |  | HP 30      |       | RPM 980      |      | DUTY CONT   |       | DES C                                                                                                                                                   |   |  |
| VOLTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | 208-230/460  |  | VOLTS      |       | 190/380      |      | AMB 40° C   |       | INS F                                                                                                                                                   |   |  |
| FLA 78 - 71.8 / 35.9                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | FLA          |  |            | 92/46 |              |      | DE BEARING  |       | 6312                                                                                                                                                    |   |  |
| CODE G                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | P.F. 0.80    |  | CODE F     |       | P.F. 0.82    |      | ODE BEARING |       | 6312                                                                                                                                                    |   |  |
| EFF 93.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | MIN 91.7     |  | EFF 91     |       | MIN 89.7     |      | LUB:        |       | Mobil Polyrex EM                                                                                                                                        |   |  |
| MOTOR WEIGHT                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | 517 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>ISO9001<br/>CERTIFIED</div><div></div><div></div><div>CC 082A</div></div> <div>Hernando, Mississippi</div> |  |              |  |            |       |              |      |             |       |                                                                                                                                                         |   |  |
| <div>460V</div> <div></div>                                                                                                                                                                                                                                                                                                                                                                     |  |              |  |            |       |              |      |             |       |                                                                                                                                                         |   |  |

### APPLICATIONS:

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