

## PE213T-7.5-2

### PREMIUM EFFICIENT / INVERTER DUTY MOTOR

Minimum Guaranteed Full Load Efficiency =87.5% - Inverter Duty (20:1 Variable Torque; 10:1 Constant Torque)



#### DIMENSIONS – INCHES

| A    | B     | C    | D    | E     | 2F1  | 2F2 | G    | H   | J    | O     |
|------|-------|------|------|-------|------|-----|------|-----|------|-------|
| 11.0 | 7.9   | 18.9 | 5.25 | 4.25  | 5.5  | N/A | 0.8  | .41 | 2.45 | 10.5  |
| P    | R     | S    | T    | U     | ES   | AA  | AB   | BA  | N-W  | Mount |
| 10.2 | 1.201 | .312 | 1.90 | 1.375 | 2.41 | 1.0 | 8.30 | 3.5 | 3.38 | F1    |

#### PERFORMANCE DATA

Three Phase – TEFC – AC Motor – 60Hz - 208-230/460V – NEMA Design B - Max. Ambient: 40° C

| HP           | Speed | Frame      | NEMA Code   | Efficiency (%)   |                |                | Power Factor (%) |      |      | Torque (ft-lb) |      |      |
|--------------|-------|------------|-------------|------------------|----------------|----------------|------------------|------|------|----------------|------|------|
|              |       |            |             | 100%             | 75%            | 50%            | 100%             | 75%  | 50%  | FLT            | BDT% | LRT% |
| 7.5          | 3525  | 213T       | H           | 89.5             | 89.7           | 89.2           | 91.0             | 92.0 | 88.0 | 11.2           | 300  | 180  |
| Amps ( 460V) |       | DE Bearing | ODE Bearing | Insulation Class | Enclosure Type | Service Factor | Weight (lbs)     |      |      |                |      |      |
| FLA          | LRA   |            |             |                  |                |                |                  |      |      |                |      |      |
| 8.8          | 63    | 6308ZZ     | 6308ZZ      | F                | TEFC           | 1.15           | 145              |      |      |                |      |      |



North American Electric, Inc. 350 Vaiden Drive, Hernando, MS 38632

Toll Free: 1-800-884-0405 Phone: 662-429-8049 Fax: 662-429-8546

[www.naemotors.com](http://www.naemotors.com)