

PE213T-3-6

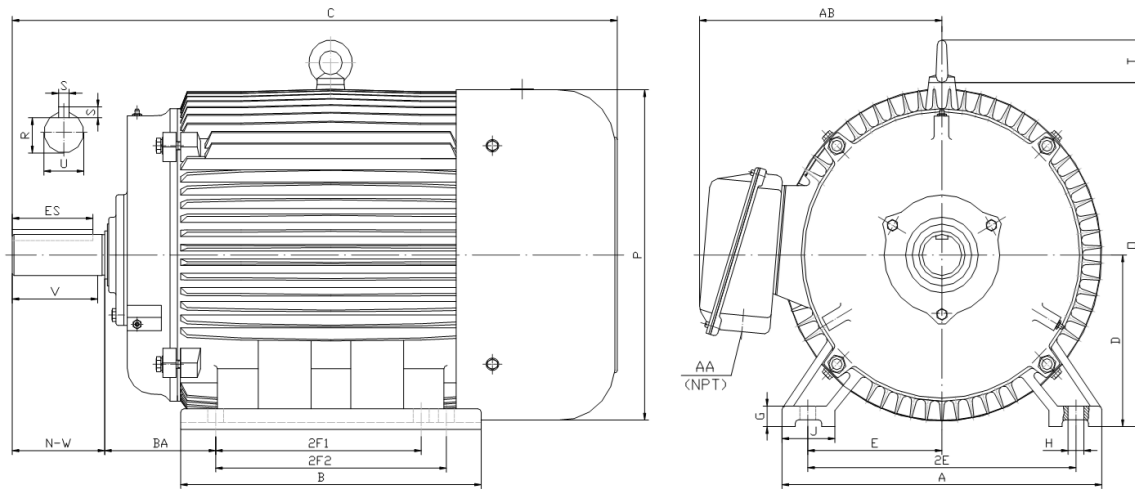
GENERAL PURPOSE ELECTRIC MOTOR

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 |
| 3 | 1200 | 213T | 11.00 | 7.90 | 18.90 | 5.25 | 0.70 | 0.41 | 2.40 | 4.25 | 8.50 | 5.50 | 0.00 | 11.20 | 11.60 | 1.90 | 3.50 |

| Shaft Extension, Key Set | | | | | | Conduit Box | | Bearings | | Mount |
|--------------------------|------|-------|-------|------|------|-------------|------|----------|---------|-------|
| U | V | R | S | ES | N-W | AA | AB | DE | ODE | |
| 1.375 | 3.12 | 1.201 | 0.312 | 2.41 | 3.38 | 1.00 | 9.00 | 6308-ZZ | 6308-ZZ | F1 |

BEARING LUBRICATION: The bearings come lubricated with Mobil Polyrex EM Polyurea Grease.





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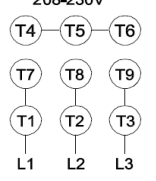



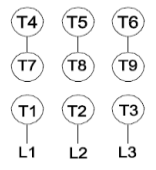
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PERFORMANCE DATA

| HP | RPM | Frame | Voltage | Frequency (Hz) | Full Load S.F. | Insulation Class | NEMA Design | Slip (%) | NEMA Code | Enclosure Type | IP Rating | Max. Ambient |
|----|------|-------|-------------|----------------|----------------|------------------|-------------|----------|-----------|----------------|-----------|--------------|
| 3 | 1185 | 213T | 208-230/460 | 60 | 1.15 | F | B | 1.3 | K | 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 % | | | | |
| 4.2 | 32 | 89.5 | 89.0 | 87.0 | 87.5 | 0.700 | 0.630 | 0.500 | 13.5 | 190 | 280 | 6308-ZZ | 6308-ZZ | 9 Lead 2Y/Y | 146 |

NAME PLATE

| | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------|--|-----------|--|------------------------|--|-----------|--|-----------------------|--|-------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|---------|--|--|--|--|--|--|--|
|  North American Electric, Inc. | | | | | | | | | |  | | | | | CONNECTION DIAGRAMS 208-230V  | | | | | | | | |
| INVERTER DUTY 20:1 VT; 10:1 CT | | | | | | | | | | | | | | | | | | | | | | | |
| CAT NO: PE213T-3-6 | | | | FRAME 213T | | | | PHASE 3 | | | | | | | | | | | | | | | |
| HZ 60 | | S.F. 1.15 | | HZ 50 | | S.F. 1.0 | | ENCL TEFC | | IP 55 | | | | | | | | | | | | | |
| HP 3 | | RPM 1185 | | HP 3 | | RPM 980 | | DUTY CONT | | DES B | | | | | | | | | | | | | |
| VOLTS 208-230/460 | | | | VOLTS 190/380 | | | | AMB 40° C | | INS F | | | | | | | | | | | | | |
| FLA 9.2 - 8.4 / 4.2 | | | | FLA 10.4/5.2 | | | | DE BEARING 6308-ZZ | | | | | | | | | | | | | | | |
| CODE K | | P.F. 0.70 | | CODE H | | P.F. 0.75 | | ODE BEARING 6308-ZZ | | | | | | | | | | | | | | | |
| EFF 89.5 | | MIN 87.5 | | EFF 85.5 | | MIN 83.5 | | LUB: Mobil Polyrex EM | | | | | | | | | | | | | | | |
| MOTOR WEIGHT 146 | | LBS | | CONNECTION 9 Lead 2Y/Y | | | | SER NO | | | | | | | | | | | | | | | |
| General purpose use on industrial machinery installed in damp, dusty or dirty environments. Hernando, Mississippi | | | | | | | | | |  | |  | |  | | CC 082A | | | | | | | |
| | | | | | | | | | | | | 460V  | | | | | | | | | | | |

APPLICATIONS:

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