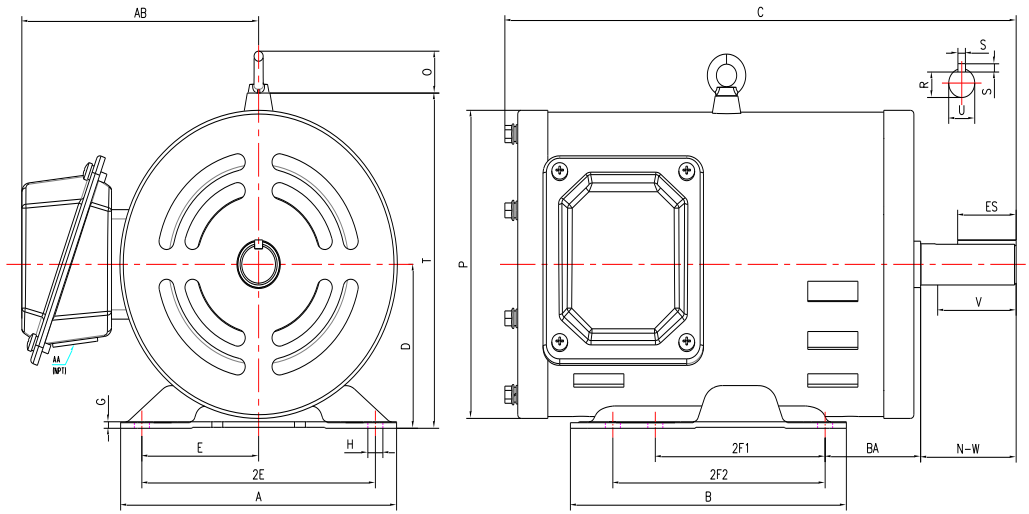


PE184T-7.5-2-ODP

GENERAL PURPOSE ELECTRIC MOTOR
 NEMA PREMIUM EFFICIENCY
 ROLLED STEEL CONSTRUCTION - OPEN DRIP PROOF
 INVERTER DUTY 10:1 CT; 20:1 VT - NEMA MG1 PART 31



DIMENSIONS

| HP | RPM | Frame | MOUNTING | | | | | | | | | | | | | | |
|-----|------|-------|----------|------|-------|------|------|-----------|----|------|------|------|------|------|------|------|------|
| | | | A | B | C | D | G | H | J | E | 2E | 2F1 | 2F2 | O | P | T | BA |
| 7.5 | 3600 | 184T | 8.82 | 6.50 | 14.90 | 4.50 | 0.12 | 0.71*0.47 | NA | 3.75 | 7.50 | 4.50 | 5.50 | 9.50 | 8.55 | 1.60 | 2.75 |

| Shaft Extension, Key Set | | | | | | Conduit Box | | Bearings | | Mount |
|--------------------------|------|------|------|------|------|-------------|------|----------|---------|-------|
| U | V | R | S | ES | N-W | AA | AB | DE | ODE | |
| 1.13 | 2.50 | 0.99 | 0.25 | 1.78 | 2.75 | 0.86 | 7.00 | 6206-ZZ | 6206-ZZ | |

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





PE184T-7.5-2-ODP



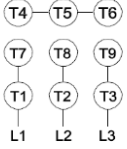
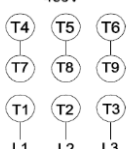



GENERAL PURPOSE ELECTRIC MOTOR
NEMA PREMIUM EFFICIENCY
ROLLED STEEL CONSTRUCTION - OPEN DRIP PROOF
INVERTER DUTY 10:1 CT; 20:1 VT - NEMA MG1 PART 31

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 |
|-----|------|-------|-------------|----------------|----------------|------------------|-------------|----------|-----------|----------------|-----------|--------------|
| 7.5 | 3520 | 184T | 208-230/460 | 60 | 1.15 | F | B | 2.22 | H | ODP | 23 | 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 % | | | | |
| 8.8 | 63.0 | 88.5 | 87.5 | 85.0 | 86.5 | 0.900 | 0.860 | 0.780 | 11.2 | 200 | 290 | 6206-ZZ | 6206-ZZ | 9 Lead 2Y/Y | 98 |

NAME PLATE

| | | | | | | | | | | | | | | | | |
|--|-------------------|------------------|------|------------|---------|-------------|------------|-------------|---------|---|-----|--|--|--|---|--|
|   | | | | | | | | | | CONNECTION DIAGRAMS | | | | | | |
| INVERTER DUTY 20:1 VT; 10:1 CT | | | | | | | | | | | | | | | | |
| CAT NO: | | PE184T-7.5-2-ODP | | | FRAME | | 184T | | PHASE | | 3 | | 208-230V  | | | |
| HZ | 60 | S.F. | 1.15 | HZ | 50 | S.F. | 1.0 | ENCL | ODP | IP | 23 | | | | | |
| HP | 7.5 | RPM | 3520 | HP | 7.5 | RPM | 2920 | DUTY | CONT | DES | B | 460V  | | | | |
| VOLTS | | 208-230/460 | | | VOLTS | | 190/380 | | AMB | 40° C | INS | | | | F | |
| FLA | 19.4 - 17.6 / 8.8 | | FLA | | 21/10.5 | | DE BEARING | | 6206-ZZ | | | | | | | |
| CODE | H | P.F. | 0.90 | CODE | G | P.F. | 0.92 | ODE BEARING | | 6206-ZZ | | | | | | |
| EFF | 88.5 | MIN | 86.5 | EFF | 86.5 | MIN | 84.5 | LUB: | | Mobil Polyrex EM | | | | | | |
| MOTOR WEIGHT | | 98 | LBS | CONNECTION | | 9 Lead 2Y/Y | | SER NO | | | | | | | | |
| General purpose use on industrial machinery installed in environments with minimal dirt and moisture. Hernando, Mississippi | | | | | | | | | |    | | CC 082A | | | | |

APPLICATIONS:

General purpose use on pumps, fans, blowers, compressors, conveyors, material handling and other industrial machinery installed in environments with minimal dirt and moisture.