

PES213TC3M-6

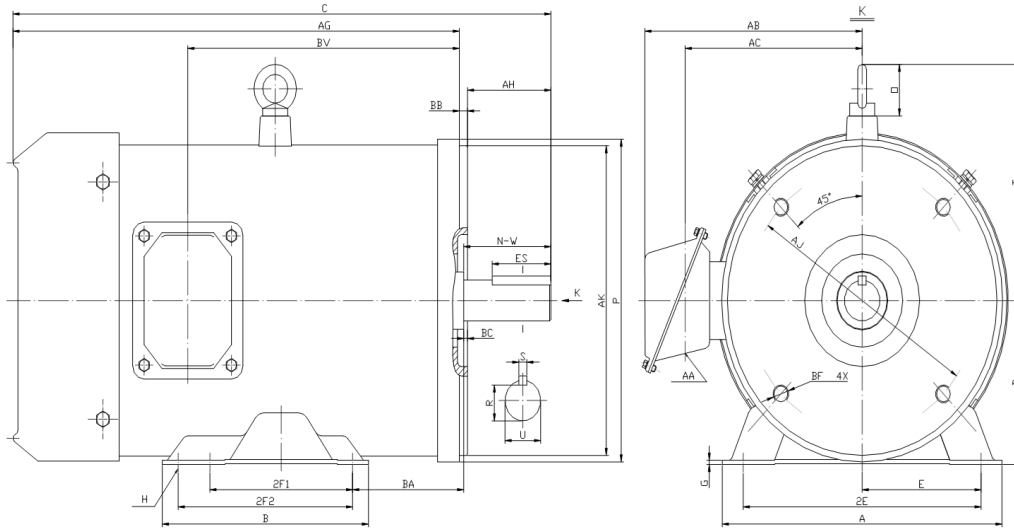
WASHDOWN DUTY MOTOR

NEMA PREMIUM EFFICIENCY

STAINLESS STEEL CONSTRUCTION - C-FLANGE WITH FEET

TOTALLY ENCLOSED FAN COOLED - IP66 CONSTRUCTION

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



DIMENSIONS

| HP | RPM | Frame | MOUNTING | | | | | | | | | | | | |
|----|------|-------|----------|-----|------|------|-------|------|------|-----|-----|-----|-------|-------|------|
| | | | A | B | C | D | G | H | E | 2E | 2F1 | 2F2 | P | AG | BA |
| 3 | 1200 | 213TC | 9.6 | 8.1 | 20.7 | 5.25 | 0.157 | 0.41 | 4.25 | 8.5 | 5.5 | 7 | 10.08 | 17.33 | 4.25 |

| FLANGE | | | | | | Shaft Extension, Key Set | | | | | Conduit Box | | | |
|--------|------|-----|------|------|----------|--------------------------|-------|-------|------|------|-------------|-----|-----|-------|
| AH | AJ | AK | BB | BC | BF | U | R | S | ES | N-W | AA | AB | AC | BV |
| 3.12 | 7.25 | 8.5 | 0.25 | 0.25 | 4*1/2-13 | 1.375 | 1.201 | 0.312 | 2.41 | 3.38 | 0.94 | 7.7 | 6.2 | 11.35 |

| Bearings | | Mount |
|----------|----------|-------|
| DE | ODE | |
| 6308-2RS | 6208-2RS | F1 |

BEARING LUBRICATIONS: The sealed bearings come lubricated with NEVASTANE XS 80 Grease which complies with FDA Chapter 21 CFR 178.3570



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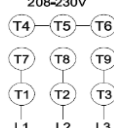
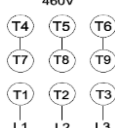



INVERTER DUTY 10:1 CT; 20:1 VT - NEMA MG1 PART 31

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 |
|----|------|-------|-------------|----------------|----------------|------------------|-------------|----------|-----------|----------------|-----------|--------------|
| 3 | 1175 | 213TC | 208-230/460 | 60 | 1.15 | F | B | 2.1 | K | TEFC | 66 | 40 °C |

| Amps (460V) | | Efficiency (%) | | | Power Factor | | | Torque (ft-lb) | | | DE Bearing | ODE Bearing | Connection | Weight (lbs.) |
|-------------|-----|----------------|------|------|--------------|------|------|----------------|-------|-------|------------|-------------|-------------|---------------|
| FLA | LRA | 100% | 75% | 50% | 100% | 75% | 50% | FLT | LRT % | BDT % | | | | |
| 4.3 | 32 | 87.5 | 87.0 | 86.0 | 0.74 | 0.62 | 0.51 | 13.2 | 250 | 280 | 6308-2RS | 6208-2RS | 9 Lead 2Y/Y | 160 |

NAME PLATE

|  | | THREE PHASE AC INDUCTION MOTOR | | | | | | Hernando, MS 38632 | | | | | |
|---|-----------------|--------------------------------|------|-------|----------|------|------|--------------------|----------|-------|-------|--|--|
| INVERTER DUTY 20:1 VT; 10:1 CT | | | | | | | | | | | | | |
| Model : | PESS213TC3M-6 | | | | | IP | 66 | FRAME | 213TC | LB/WT | 160 | | |
| HZ | 60 | S.F. | 1.15 | HZ | 50 | S.F. | 1.0 | NEMA DESIGN | B | | | | |
| HP | 3 | RPM | 1175 | HP | 3 | RPM | 970 | ENCL. | TEFC | INS | F | | |
| VOLTS | 208-230/460 | | | VOLTS | 190/380 | | | DUTY | CONT | AMB | 40 °C | | |
| AMPS | 9.3 - 8.6 / 4.3 | | | AMPS | 10.4/5.2 | | | DE BRG | 6308-2RS | | | | |
| CODE | K | P.F. | 0.74 | CODE | K | P.F. | 0.76 | ODE BRG | 6208-2RS | | | | |
| EFF | 87.5 | MIN | 85.5 | EFF | 85.5 | MIN | 83.0 | SER NO. | | | | | |
| <div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"> <p>208-230V</p>  </div> <div style="text-align: center;"> <p>460V</p>  </div> <div style="text-align: center;">    </div> <div style="text-align: center;"> <p>CC082A</p> <p>E310089</p> <p>MADE IN CHINA</p> </div> </div> | | | | | | | | | | | | | |

Factory Certified for T2B

Div 2. Class I, Gr. A , B , C & D

and Class II, Gr. F & G

APPLICATIONS:

Applications include washdown applications, food processing, chemical processing, pharmaceuticals, poultry processing, meat processing, dairy applications, bakeries, snack foods, bottling and extremely corrosive environments.