



WORLDWIDE ELECTRIC MOTOR DATA SHEET

IXPEWWE125-18-444/5TC



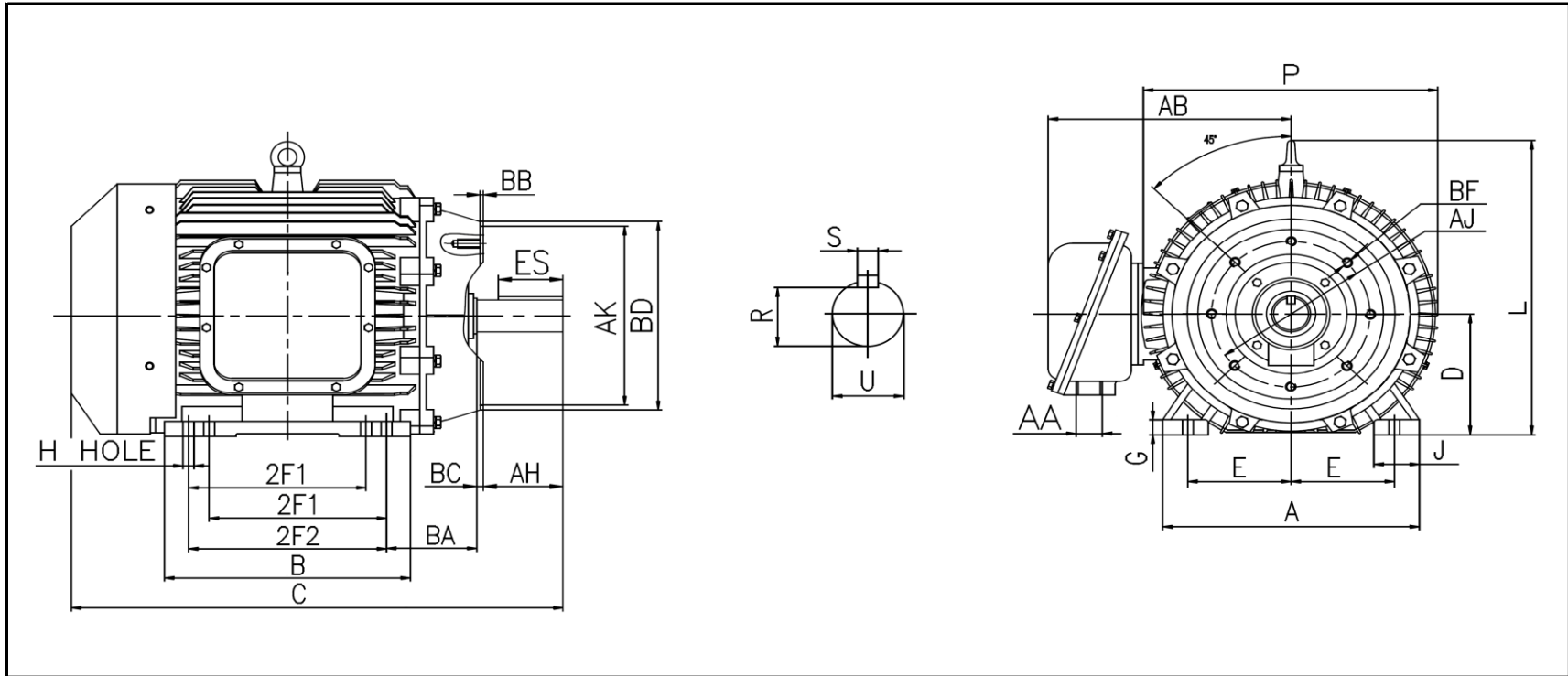
| | | | |
|----------------------------------|--|-------------|-------------|
| HORSEPOWER | 125 | | |
| RPM / POLES | 1800 / 4 | | |
| VOLTAGE / PHASE | 460 V / 3 | | |
| FRAME | 444/5TC | | |
| ENCLOSURE / DEGREE OF PROTECTION | TEFC / IP55 | | |
| FREQUENCY | 60 HZ Suitable For 50 HZ Operation With 1.0 SF | | |
| FULL LOAD SPEED | 1789 RPM | | |
| SERVICE FACTOR | 1.15 SF | | |
| INSULATION CLASS | F | | |
| FULL LOAD AMPS | 133 A | | |
| LOCKED ROTOR AMPS (STARTING) | 907.5 A | | |
| NO LOAD CURRENT | | | |
| NEMA CODE LETTER | G | | |
| EFFICIENCY / POWER FACTOR | <u>LOAD</u> | <u>EFF.</u> | <u>P.F.</u> |
| | 100% | 95.4% | 0.85 |
| | 75% | 95.4% | 0.86 |
| | 50% | 94.8% | 0.82 |
| DUTY CYCLE | S1 / Continuous | | |
| TORQUE | <u>FULL LOAD</u> | <u>LRT</u> | <u>BDT</u> |
| | 367 lb.ft. | 110% | 200% |
| | | | |
| SLIP | 0.61% | | |
| NEMA DESIGN | B | | |
| MOMENT OF INERTIA | | | |
| NUMBER OF STARTS (Hot / Cold) | 1 Hot / 2 Cold (Per Hour) | | |
| MAX. AMBIENT TEMPERATURE | 40° C | | |
| MAX. ELEVATION | 3300 Ft. Above Sea Level | | |
| TEMPERATURE RISE (At Full Load) | 80° C | | |
| DE BEARING | 6318 | | |
| ODE BEARING | 6314 | | |
| GREASE TYPE | Mobil Polyrex EM | | |
| MOUNTING | F1 | | |
| ROTATION | Bi-Directional | | |
| APPROXIMATE WEIGHT | 1640 lbs. | | |
| TEMPERATURE CODE AT 40°C AMBIENT | T3C | | |
| TEMPERATURE CODE AT 55°C AMBIENT | T2C | | |
| AREA CLASSIFICATION | Class I, Division I, Groups C & D | | |
| | Class II, Division I, Groups F & G | | |
| INVERTER RATING | 5:1 CT / 10:1 VT PWM Type | | |





WORLDWIDE ELECTRIC MOTOR DRAWING

IXPEWWE-444/5TC



| MOUNTING | | | | | A | B | C | D | G | J | L | P |
|----------|------|------|------|-----|------|----|----|----|-------|------|----|----|
| E | 2F1 | 2F2 | H | BA | | | | | | | | |
| 9 | 14.5 | 16.5 | 0.81 | 7.5 | 21.3 | 22 | 47 | 11 | 1.378 | 3.35 | 28 | 24 |

| AA | AB | BC | KEY | | KEYSEAT | FLANGE | | | | | SHAFT | | |
|----|------|------|------|-------|---------|--------|----|------|----|-----------|-------|------|-------|
| | | | ES | S | R | AJ | AK | BB | BD | BF | AH | U | |
| 3 | 21.3 | 0.25 | 6.91 | 0.875 | 2.88 | 14 | 16 | 0.25 | 18 | 8x5/8"-11 | | 8.25 | 3.375 |

ALL DIMENSIONS IN INCHES