



WORLDWIDE ELECTRIC MOTOR DATA SHEET

IXPEWWE5-18-184TC



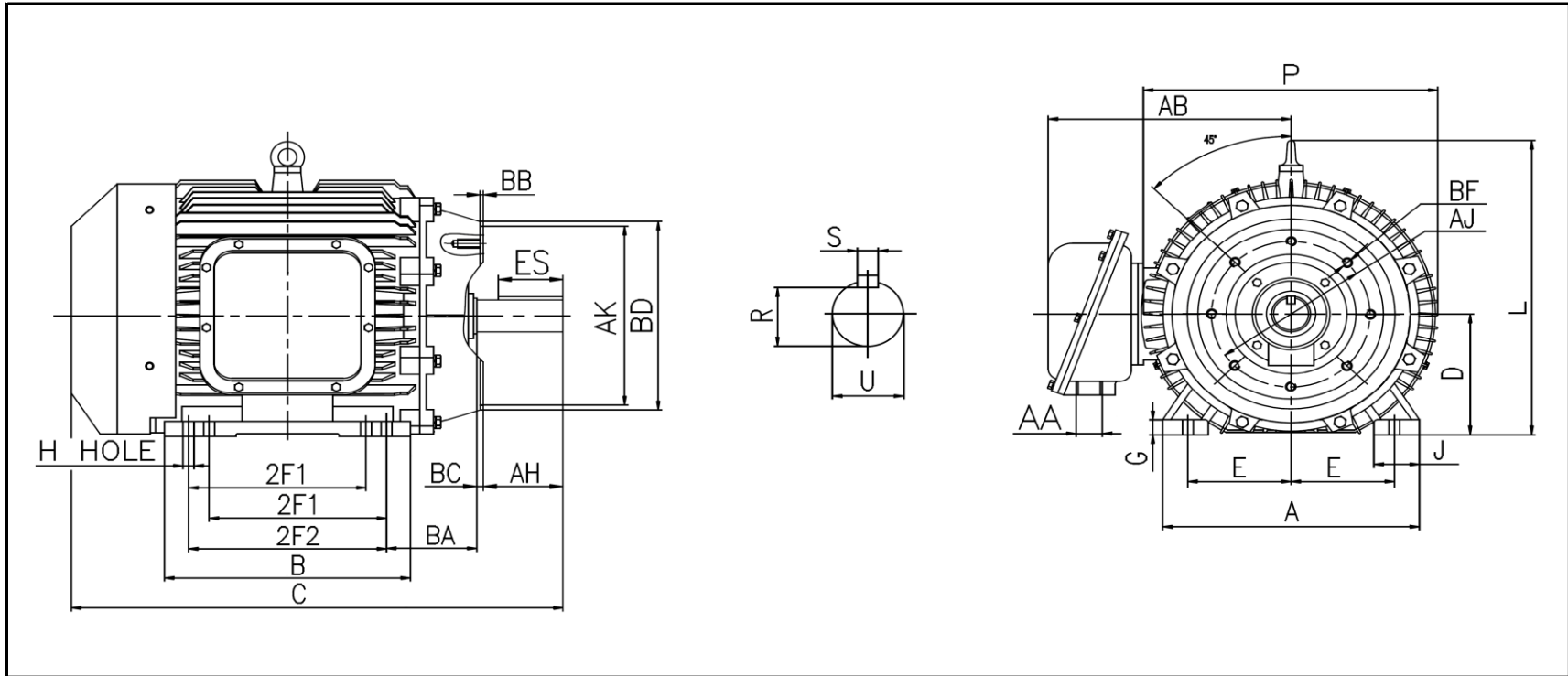
| | | | |
|----------------------------------|--|-------------|-------------|
| HORSEPOWER | 5 | | |
| RPM / POLES | 1800 / 4 | | |
| VOLTAGE / PHASE | 230 / 460 V / 3 | | |
| FRAME | 184TC | | |
| ENCLOSURE / DEGREE OF PROTECTION | TEFC / IP55 | | |
| FREQUENCY | 60 HZ Suitable For 50 HZ Operation With 1.0 SF | | |
| FULL LOAD SPEED | 1767 RPM | | |
| SERVICE FACTOR | 1.15 SF | | |
| INSULATION CLASS | F | | |
| FULL LOAD AMPS | 14.0 / 7.0 A | | |
| LOCKED ROTOR AMPS (STARTING) | 92.0 / 46.0 A | | |
| NO LOAD CURRENT | | | |
| NEMA CODE LETTER | J | | |
| EFFICIENCY / POWER FACTOR | <u>LOAD</u> | <u>EFF.</u> | <u>P.F.</u> |
| | 100% | 89.5% | 0.81 |
| | 75% | 89.2% | 0.75 |
| | 50% | 87.0% | 0.66 |
| DUTY CYCLE | S1 / Continuous | | |
| TORQUE | <u>FULL LOAD</u> | <u>LRT</u> | <u>BDT</u> |
| | 14.9 lb.ft. | 185% | 225% |
| | | | |
| SLIP | 1.83% | | |
| 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 | 6306-ZZ | | |
| ODE BEARING | 6306-ZZ | | |
| GREASE TYPE | Mobil Polyrex EM | | |
| MOUNTING | F1 | | |
| ROTATION | Bi-Directional | | |
| APPROXIMATE WEIGHT | 183 lbs. | | |
| TEMPERATURE CODE AT 40°C AMBIENT | T3C | | |
| TEMPERATURE CODE AT 55°C AMBIENT | T3C | | |
| 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-184TC



| MOUNTING | | | | | A | B | C | D | G | J | L | P |
|----------|-----|-----|------|------|------|------|-------|-----|-------|------|------|------|
| E | 2F1 | 2F2 | H | BA | | | | | | | | |
| 3.75 | 4.5 | 5.5 | 0.41 | 2.75 | 8.86 | 7.87 | 18.42 | 4.5 | 0.681 | 1.69 | 11.4 | 9.84 |

| AA | AB | BC | KEY | | KEYSEAT | FLANGE | | | | | SHAFT | |
|------|------|----|------|------|---------|--------|-----|------|----|-----------|-------|-------|
| | | | ES | S | R | AJ | AK | BB | BD | BF | AH | U |
| 0.75 | 9.06 | 12 | 1.78 | 0.25 | 0.986 | 7.25 | 8.5 | 0.25 | 9 | 4x1/2"-13 | 2.62 | 1.125 |

ALL DIMENSIONS IN INCHES