



WORLDWIDE ELECTRIC MOTOR DATA SHEET



ODP1.5-18-145T

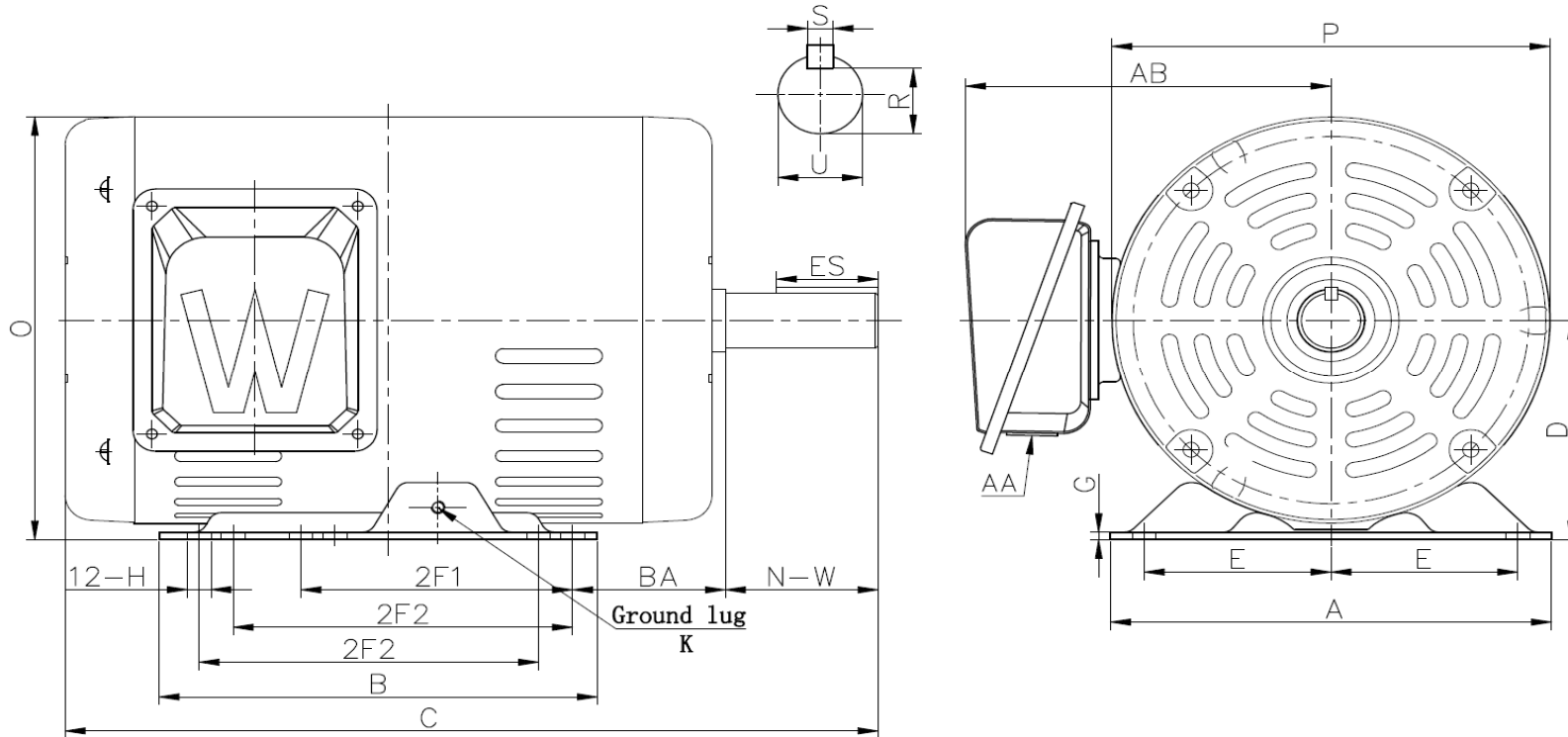
| | | | |
|---|--|-------------|-------------|
| HORSEPOWER | 1.5 | | |
| RPM / POLES | 1800 / 4 | | |
| VOLTAGE / PHASE | 208 - 230 / 460 V / 3 | | |
| FRAME | 145T | | |
| ENCLOSURE / DEGREE OF PROTECTION | ODP/ IP23 | | |
| FREQUENCY | 60 HZ Suitable For 50 HZ Operation With 1.0 SF | | |
| FULL LOAD SPEED | 1747 RPM | | |
| SERVICE FACTOR | 1.15 SF 60HZ / 1.0 SF at 50HZ | | |
| INSULATION CLASS | F | | |
| FULL LOAD AMPS; 230 / 460 | 4.2 / 2.1 A | | |
| LOCKED ROTOR AMPS (STARTING); 230 / 460 | 34.52 / 17.26 A | | |
| NO LOAD CURRENT | 2.44 / 1.22 A | | |
| NEMA CODE LETTER | L | | |
| EFFICIENCY / POWER FACTOR | <u>LOAD</u> | <u>EFF.</u> | <u>P.F.</u> |
| | 100% | 86.5% | 0.76 |
| | 75% | 87.0% | 0.68 |
| | 50% | 85.1% | 0.55 |
| DUTY CYCLE | S1 / Continuous | | |
| TORQUE | <u>FULL LOAD</u> | <u>LRT</u> | <u>BDT</u> |
| | 4.44 lb.ft. | 352% | 373% |
| | | | |
| SLIP | 2.959% | | |
| NEMA DESIGN | B | | |
| NUMBER OF STARTS (Hot / Cold) | 2 Hot / 3 Cold | | |
| MAX. AMBIENT TEMPERATURE | 40° C | | |
| MAX. ELEVATION | 3300 Ft. Above Sea Level | | |
| TEMPERATURE RISE (At Full Load) | 80° C | | |
| DE BEARING | 6205ZZ | | |
| ODE BEARING | 6204ZZ | | |
| GREASE TYPE | NS7 ENS | | |
| MOUNTING | F1 | | |
| ROTATION | Bi-Directional | | |
| APPROXIMATE WEIGHT | 34.2 lbs. | | |
| AREA CLASSIFICATION | Non-Hazardous | | |
| INVERTER RATING | 10:1 CT / 20:1 VT PWM Type | | |
| SPECIFICATION - In Accordance With | NEMA, UR | | |





WORLDWIDE ELECTRIC MOTOR DRAWING

ODP-145T



ALL DIMENSIONS IN INCHES

| MOUNTING | | | | | A | B | C | D | G | K |
|----------|-----|-----|------|------|-----|-----|--------|-----|-------|----|
| E | 2F1 | 2F2 | H | BA | | | | | | |
| 2.75 | 4 | 5 | 0.34 | 2.25 | 6.5 | 6.5 | 11.974 | 3.5 | 0.118 | M5 |

| KEYSET | KEY | | | | N-W | P | AB | AA | O |
|--------|------|-------|-------|------|-----|-------|------|-----|---|
| | R | ES | S | U | | | | | |
| 0.771 | 1.41 | 0.188 | 0.875 | 2.25 | 6.4 | 5.384 | 1.09 | 6.7 | |