# WORLDWIDE ELECTRIC MOTOR DATA SHEET

# NAWSSE1.5-18-56C

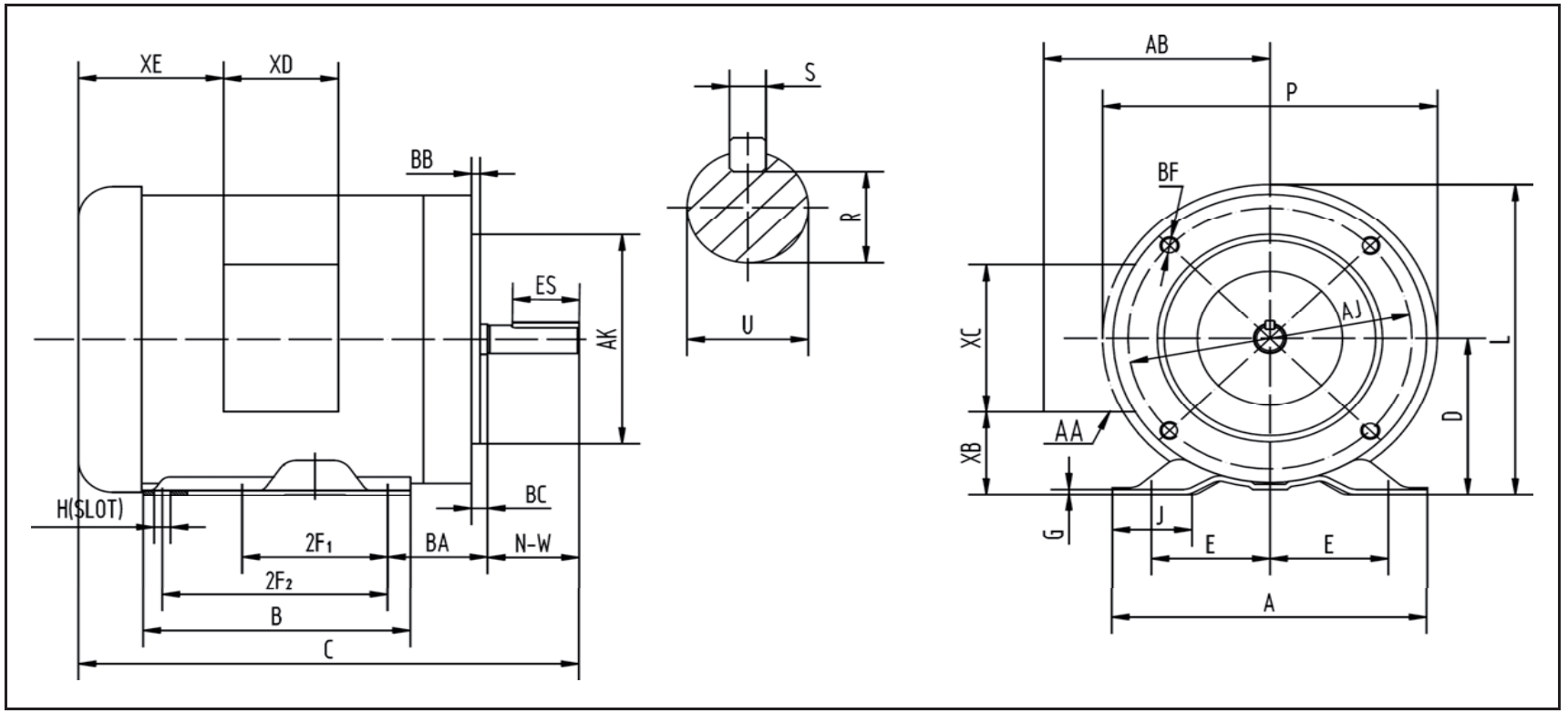
| | |
|---|---|
| HORSEPOWER | **1.5** |
| RPM / POLES | **1800 / 4** |
| VOLTAGE / PHASE | **230 / 460 V / 3** |
| FRAME | **56C** |
| ENCLOSURE | **TEFC / IP56** |
| FREQUENCY | **60 HZ** |
| FULL LOAD SPEED | **1760 RPM** |
| SERVICE FACTOR | **1.15** |
| INSULATION CLASS | **F** |
| FULL LOAD AMPS | **4.54 / 2.27 A** |
| LOCKED ROTOR AMPS (STARTING) | **56 / 28 A** |
| NO LOAD CURRENT | **3.2 / 1.6 A** |
| EFFICIENCY (100% LOAD) | **86.5%** |
| POWER FACTOR (100% LOAD) | **0.70** |
| DUTY CYCLE | **CONTINUOUS** |
| FULL LOAD TORQUE | **4.4 LB. FT.** |
| LOCKED ROTOR TORQUE | **550%** |
| BREAKDOWN TORQUE | **580%** |
| DE BEARING | **6205** |
| ODE BEARING | **6203** |
| MOUNTING | **F1** |
| ROTATION | **CW / CCW** |
| BASE TYPE | **C-FACE WITH FEET** |
| SHAFT | **KEYED** |
| OVERLOAD | **---** |
| START CAPACITOR | **---** |
| RUN CAPACITOR | **---** |
| WIRE TYPE | **LOOSE WIRE** |
| WIRE HOUSING | **JUNCTION BOX** |
| ROTOR INERTIA | **0.16085 LB. FT.$^2$** |
| SHAFT MATERIAL | **304 STAINLESS STEEL** |
| CONNECTION DIAGRAM | **230 / 460 V - 9 LEAD** |
| APPROXIMATE WEIGHT | **58 LBS.** |
| INVERTER RATING | **2:1 CT / 5:1 VT PWM Type** |

C US

REVISED - 11/10/2020

## WORLDWIDE ELECTRIC MOTOR DRAWING

# NAWSSE1.5-18-56C




| MOUNTING | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| E | 2F1 | 2F2 | H | BA | A | B | C | D | G | J | L | P | AA | AB |
| 2.44 | 3 | 5 | 0.34 | 2.75 | 6.54 | 6.54 | 14.8 | 3.5 | 0.12 | 1.65 | 7.4 | 7.3 | M22X1.5 | 5.52 |

| | KEY | | KEYSEAT | FLANGE | | | | SHAFT | | TERMINAL BOX | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BC | ES | S | R | AJ | AK | BB | BF | N-W | U | XB | XC | XD | XE |
| -0.19 | 1.41 | 0.188 | 0.517 | 5.875 | 4.5 | 0.16 | 3/8-16 | 1.88 | 0.625 | 1.85 | 3.39 | 3.82 | 2.05 |

**ALL DIMENSIONS IN INCHES**