



WORLDWIDE ELECTRIC MOTOR DATA SHEET

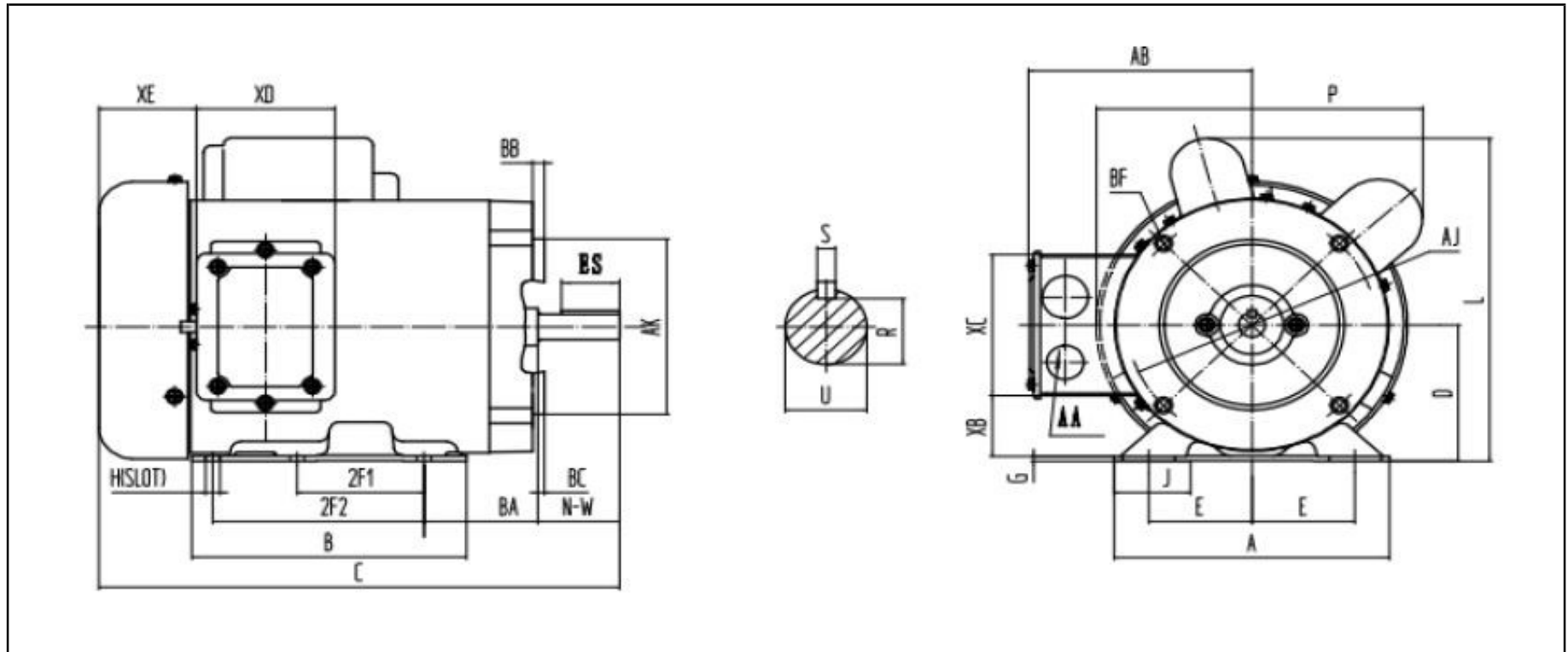


FM1.5-18-56HC

| | | | |
|---------------------------------------|---|--|-------------|
| HORSEPOWER | 1.5 | | |
| RPM / POLES | 1800 / 4 | | |
| VOLTAGE / PHASE | 115/230 V / 1 | | |
| FRAME | 56HC | | |
| ENCLOSURE / DEGREE OF PROTECTION | TEFC / IP54 | | |
| FREQUENCY | 60 HZ | | |
| FULL LOAD SPEED | 1725 RPM | | |
| SERVICE FACTOR | 1.15 | | |
| INSULATION CLASS | F | | |
| FULL LOAD AMPS; 115 / 230 (110 / 220) | 14.5 / 7.3 A | | |
| EFFICIENCY / POWER FACTOR | <u>LOAD</u> | <u>EFF.</u> | <u>P.F.</u> |
| | 100% | 77.0% | 0.84 |
| DUTY CYCLE | Continuous | | |
| TORQUE | <u>FULL LOAD</u> | <u>LRT</u> | |
| | 4.45 lb.ft. | 12.41 lb.ft. | |
| MAX. AMBIENT TEMPERATURE | 40° C | | |
| MAX. ELEVATION | 3300 Ft. Above Sea Level | | |
| TEMPERATURE RISE (At Full Load) | 80° C | | |
| DE BEARING | 6203 | | |
| ODE BEARING | 6203 | | |
| BASE TYPE | Rigid Base | | |
| REGREASING INT. - DE BEARING | --- | | |
| REGREASING INT. - ODE BEARING | --- | | |
| GREASE TYPE | Mobil Polyrex EM | | |
| MOUNTING | F1 | | |
| ROTATION | Bi-Directional | | |
| CONNECTION DIAGRAM | 115/230 V - 6 Lead | | |
| APPROXIMATE WEIGHT | 37 lbs. | | |
| INVERTER RATING | --- | | |
| REPLACEMENT PARTS | Capacitor (Start) Capacitor (Run) Capacitor Cover (Start) Capacitor Cover (Run) Endbell (DE) Endbell (ODE) Fan Fan Cover Junction Box Overload (Manual) Switch (Centrifugal) Switch (Stationary) | NSC56-5(900uf/165V) NRC56 (40uf/250V) NSCCOVER56 NRCCOVER56 NDEEBELL56-3 NODEEBELL56 NFAN56 NFCOVER56 NJBOX56 FM1.5MO NCSWITCH56-2 NSSWITCH56 | |

WORLDWIDE ELECTRIC MOTOR DRAWING

FM1.5-18-56HC



DIMENSIONS - INCHES

| MOUNTING | | | | | A | B | C | D | G | J | L | P | AB | BC |
|----------|-----|-----|------|------|------|------|------|-----|------|------|-----|-----|-----|-------|
| E | 2F1 | 2F2 | H | BA | | | | | | | | | | |
| 2.44 | 3 | 5 | 0.34 | 2.75 | 6.54 | 6.54 | 12.9 | 3.5 | 0.12 | 1.65 | 8.7 | 8.2 | 5.2 | -0.19 |

| KEY | | KEYSET | FLANGE | | | | SHAFT | | TERMINAL BOX | | | | |
|-------|------|--------|--------|-------|--------|------|-------|-------|------------------|------|-----|-----|------|
| S | ES | R | AK | AJ | BF | BB | N-W | U | AA | XB | XC | XD | XE |
| 0.188 | 1.41 | 0.517 | 4.5 | 5.875 | 3/8-16 | 0.16 | 1.88 | 0.625 | 2-0.88 / 2-1.109 | 1.65 | 3.7 | 3.2 | 2.15 |

REVISED - 08/20/20