IE1

# IEC

| MOTOR MODEL: | BL3-AL-TF-71B34-4-B-D-.5 |
|---|---|
| FACTORY TYPE: | TM |

## IE1 IEC Cast Aluminum, TEFC

| ELECTRICAL DATA | | |
|---|---|---|
| | 60 Hz | 50 Hz |
| Horsepower | 0.5 | 0.5 |
| Speed, RPM | 1690 | 1370 |
| Voltage | 208-230/460 | 190/380 |
| # Phase | 3 | |
| Full Load Amps | 1.88/0.94 | 2.18/1.09 |
| Power Factor | 0.68 | - |
| Nominal Efficiency | 72.5 | - |
| 3/4 Load Efficiency | - | - |
| Service Factor | 1.15 | 1.0 |
| KVA Code | J | F |
| FL Amps. @ 208 V | 1.9 | - |
| LRC @ 60Hz HV | - | - |
| Start Capacitor | - | |
| Start Capacitor V | - | |
| Run Capacitor | - | |
| Run Capacitor V | - | |
| Number of Leads | 9 | |
| Connection | YY/Y | |
| Coil Resistance | - | |
| Date Code | - | |
| | | |
| **Load** | **Efficiency %** | **P.F.** |
| 50% | - | - |
| 75% | - | - |
| 100% | - | - |
| | | |
| **FULL LOAD TEMPERATURE RISE** | | |
| FL Temp Rise °C | - | - |
| | | |
| **3D Image Link** | | |
| Not available for this motor | | |

*This report valid for above Date Code and newer models, please contact Techtop for more info.

| GENERAL DATA | |
|---|---|
| Frame Size | 71B34 |
| Frame Enclosure | TEFC |
| Mounting | B34 |
| Insulation Class | F |
| Duty | Cont. / S1 |
| NEMA Design | - |
| Frame Material | Cast Aluminum |
| Ingress Protection | 55 |
| Tropicalization | true |
| Cable Entry | 1-M16X1.5 |
| Feet Removable | true |
| Double Drilled | - |
| Paint Color | Graphite Gray |
| Paint RAL | 7024 |
| Weight lb | 12.76 |
| | |
| **MECHANICAL DATA** | |
| DE Bearing | 6202ZZ |
| NDE Bearing | 6202ZZ |
| dB No-Load | - |
| Rotor Wk², Lb-Ft² | - |
| Comp Ring (wavey washer) | - |
| | |

| TORQUE VALUES | Torque lb-ft | % FLT |
|---|---|---|
| Locked Rotor Torque | - | - |
| Pull-Up Torque | - | - |
| Breakdown Torque | - | - |
| Full Load Torque | - | - |
| | | |
| **SITE CONDITIONS** | | |
| Ambient Temp °C | 40 | |
| Altitude Above Sea Level m | 1000 | |

Techtop Industries
2815 Colonnades Court
Peachtree Corners, GA 30071
Tel: 678-436-5540
E-Mail: info@techtopind.com