IE3

# IEC

| MOTOR MODEL: | GR3-AL-TF-100LB34-4-B-D-4 |
|---|---|
| FACTORY TYPE: | TAX |

## IE3 IEC Cast Aluminum, TEFC

| ELECTRICAL DATA | | |
|---|---|---|
| | 60 Hz | 50 Hz |
| Horsepower | 4.0 | 4.0 |
| Speed, RPM | 1755 | 1445 |
| Voltage | 230/460 | 190/380 |
| # Phase | 3 | |
| Full Load Amps | 10.6/5.32 | 12.5/6.25 |
| Power Factor | 0.79 | - |
| Nominal Efficiency | 89.5 | - |
| 3/4 Load Efficiency | - | - |
| Service Factor | 1.15 | 1.0 |
| KVA Code | L | J |
| FL Amps. @ 208 V | 11.1 | - |
| 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 | 100LB34 |
| 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-M20X1.5 |
| Feet Removable | true |
| Double Drilled | - |
| Paint Color | Graphite Gray |
| Paint RAL | 7024 |
| Weight lb | 63.0 |

| MECHANICAL DATA | |
|---|---|
| DE Bearing | 6206ZZ |
| NDE Bearing | 6206ZZ |
| 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 |

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