IE3

# IEC

| | |
|---|---|
| **MOTOR MODEL:** | GR3-AL-TF-112MB3-6-B-D-3 |
| **FACTORY TYPE:** | TAX |

## IE3 IEC Cast Aluminum, TEFC

| **ELECTRICAL DATA** | | |
|---|---|---|
| | 60 Hz | 50 Hz |
| Horsepower | 3.0 | 3.0 |
| Speed, RPM | 1175 | 970 |
| Voltage | 230/460 | 190/380 |
| # Phase | 3 | |
| Full Load Amps | 8.94/4.47 | 10.3/5.15 |
| Power Factor | 0.69 | - |
| Nominal Efficiency | 89.5 | - |
| 3/4 Load Efficiency | - | - |
| Service Factor | 1.15 | 1.0 |
| KVA Code | L | K |
| FL Amps. @ 208 V | 9.16 | - |
| 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 | 112M |
| Frame Enclosure | TEFC |
| Mounting | B3 |
| Insulation Class | F |
| Duty | Cont. / S1 |
| NEMA Design | - |
| Frame Material | Cast Aluminum |
| Ingress Protection | 55 |
| Tropicalization | true |
| Cable Entry | 2-M25X1.5 |
| Feet Removable | true |
| Double Drilled | - |
| Paint Color | Graphite Gray |
| Paint RAL | 7024 |
| Weight lb | 84.0 |
| | |
| **MECHANICAL DATA** | |
| DE Bearing | 6306ZZ |
| NDE Bearing | 6206ZZ |
| dB No-Load | - |
| Rotor Wk², Lb-Ft² | - |
| Comp Ring (wavey washer) | NDE |
| | |

| **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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