



IE3

IEC

| | |
|----------------------|---------------------------|
| MOTOR MODEL: | GR3-AL-TF-90SB3-4-B-D-1.5 |
| FACTORY TYPE: | TAX |

IE3 IEC Cast Aluminum, TEFC

| ELECTRICAL DATA | | |
|------------------------------|---------------------|-------------|
| | 60 Hz | 50 Hz |
| Horsepower | 1.5 | 1.5 |
| Speed, RPM | 1740 | 1430 |
| Voltage | 230/460 | 190/380 |
| # Phase | 3 | |
| Full Load Amps | 4.36/2.18 | 5.06/2.53 |
| Power Factor | 0.74 | - |
| Nominal Efficiency | 86.5 | - |
| 3/4 Load Efficiency | - | - |
| Service Factor | 1.15 | 1.0 |
| KVA Code | K | J |
| FL Amps. @ 208 V | 4.48 | - |
| 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 | | |

| GENERAL DATA | | |
|--|---------------------|--------------|
| Frame Size | 90S | |
| Frame Enclosure | TEFC | |
| Mounting | B3 | |
| 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 | 33.0 | |
| | | |
| MECHANICAL DATA | | |
| DE Bearing | 6205ZZ | |
| NDE Bearing | 6205ZZ | |
| dB No-Load | - | |
| Rotor Wk ² , Lb-Ft ² | - | |
| Comp Ring (wavy 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 | |

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