



IE3

IEC

|               |                            |
|---------------|----------------------------|
| MOTOR MODEL:  | GR3-AL-TF-90SB35-4-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                 | 90SB35        |       |
| Frame Enclosure            | TEFC          |       |
| Mounting                   | B35           |       |
| 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 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          |       |

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