NEMA Premium

# NEMA

| MOTOR MODEL: | GR3-CI-TF-449T-6-RR-E-200 |
|---|---|
| FACTORY TYPE: | TXC |

## Premium NEMA Cast Iron, TEFC

| ELECTRICAL DATA | | |
|---|---|---|
| | 60 Hz | 50 Hz |
| Horsepower | 200.0 | 200.0 |
| Speed, RPM | 1180 | 980 |
| Voltage | 460 | 380 |
| # Phase | 3 | |
| Full Load Amps | 224.6806142 | 277 |
| Power Factor | 0.87 | - |
| Nominal Efficiency | 95.8 | 94.0 |
| 3/4 Load Efficiency | - | - |
| Service Factor | 1.15 | 1.0 |
| KVA Code | H | E |
| FL Amps. @ 208 V | - | - |
| LRC @ 60Hz HV | 2045.8 | - |
| Start Capacitor | - | |
| Start Capacitor V | - | |
| Run Capacitor | - | |
| Run Capacitor V | - | |
| Number of Leads | 6 | |
| Connection | D | |
| Coil Resistance | - | |
| Date Code | - | |
| | | |
| **Load** | **Efficiency %** | **P.F.** |
| 50% | 94.92 | 0.76 |
| 75% | 95.26 | 0.84 |
| 100% | 94.97 | 0.86 |
| | | |
| **FULL LOAD TEMPERATURE RISE** | | |
| FL Temp Rise °C | 113.0 | - |
| | | |
| **3D Image Link** | | |
| GR3-CI-TF-449T-6-RR-E-200 | | |

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

| GENERAL DATA | | |
|---|---|---|
| Frame Size | 449T | |
| Frame Enclosure | TEFC | |
| Mounting | Rigid | |
| Insulation Class | F | |
| Duty | Cont. / S1 | |
| NEMA Design | A | |
| Frame Material | Cast Iron | |
| Ingress Protection | 55 | |
| Tropicalization | true | |
| Cable Entry | 2-NPT 3" | |
| Feet Removable | - | |
| Double Drilled | true | |
| Paint Color | Graphite Gray | |
| Paint RAL | 7024 | |
| Weight lb | 2244.69 | |
| | | |
| **MECHANICAL DATA** | | |
| DE Bearing | NU319 | |
| NDE Bearing | 6319C3 | |
| dB No-Load | - | |
| Rotor Wk², Lb-Ft² | - | |
| Comp Ring (wavey washer) | None | |
| | | |
| **TORQUE VALUES** | **Torque lb-ft** | **% FLT** |
| Locked Rotor Torque | 2467.2 | 241.0 |
| Pull-Up Torque | - | - |
| Breakdown Torque | 3030.26 | 296.0 |
| Full Load Torque | 1023.74 | 100.0 |
| | | |
| **SITE CONDITIONS** | | |
| Ambient Temp °C | 40 | |
| Altitude Above Sea Level m | 1000 | |

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