NEMA Premium

# NEMA

| MOTOR MODEL: | GR3-CI-OP-254TC-4-BR-D-15 |
|---|---|
| FACTORY TYPE: | - |

## NEMA Cast Iron, ODP

| ELECTRICAL DATA | | |
|---|---|---|
| | 60 Hz | 50 Hz |
| Horsepower | 15.0 | - |
| Speed, RPM | 1760 | 1450 |
| Voltage | 230/460 | 190/380 |
| # Phase | 3 | |
| Full Load Amps | 37.5/18.7 | - |
| Power Factor | 0.81 | - |
| Nominal Efficiency | 93.0 | - |
| 3/4 Load Efficiency | - | - |
| Service Factor | 1.15 | 1.0 |
| KVA Code | G | F |
| FL Amps. @ 208 V | 41.5 | - |
| LRC @ 60Hz HV | - | - |
| Start Capacitor | - | |
| Start Capacitor V | - | |
| Run Capacitor | - | |
| Run Capacitor V | - | |
| Number of Leads | 12 | |
| Connection | 2D/D | |
| Coil Resistance | - | |
| Date Code | - | |
| | | |
| **Load** | **Efficiency %** | **P.F.** |
| 50% | 91.84 | 0.7753 |
| 75% | 92.6 | 0.859 |
| 100% | 93.0 | 0.81 |
| | | |
| **FULL LOAD TEMPERATURE RISE** | | |
| FL Temp Rise °C | 45.0 | - |
| | | |
| **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 | 254TC |
| Frame Enclosure | ODP |
| Mounting | Rigid |
| Insulation Class | F |
| Duty | Cont. / S1 |
| NEMA Design | - |
| Frame Material | Cast Iron |
| Ingress Protection | 23 |
| Tropicalization | true |
| Cable Entry | - |
| Feet Removable | - |
| Double Drilled | - |
| Paint Color | Graphite Gray |
| Paint RAL | 7024 |
| Weight lb | 309.8 |
| | |
| **MECHANICAL DATA** | |
| DE Bearing | 6309C3 |
| NDE Bearing | 6308C3 |
| dB No-Load | - |
| Rotor $Wk^2$, $Lb\text{-}Ft^2$ | - |
| 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 | - | |
| Altitude Above Sea Level m | | |

Techtop Industries
2815 Colonnades Court
Peachtree Corners, GA 30071
Tel: 678-436-5540
E-Mail: info@techtopind.com