NEMA Premium

# NEMA

| | |
|---|---|
| **MOTOR MODEL:** | GR3-CI-OP-286T-4-BR-D-30 |
| **FACTORY TYPE:** | - |

## NEMA Cast Iron, ODP

| ELECTRICAL DATA | | |
|---|---|---|
| | 60 Hz | 50 Hz |
| Horsepower | 30.0 | - |
| Speed, RPM | 1770 | 1460 |
| Voltage | 230/460 | 190/380 |
| # Phase | 3 | |
| Full Load Amps | 70.6/35.3 | - |
| Power Factor | 0.85 | - |
| Nominal Efficiency | 94.1 | - |
| 3/4 Load Efficiency | - | - |
| Service Factor | 1.15 | 1.0 |
| KVA Code | F | F |
| FL Amps. @ 208 V | 78.1 | - |
| LRC @ 60Hz HV | - | - |
| Start Capacitor | - | |
| Start Capacitor V | - | |
| Run Capacitor | - | |
| Run Capacitor V | - | |
| Number of Leads | 12 | |
| Connection | 4D/2D | |
| Coil Resistance | - | |
| Date Code | - | |
| | | |
| **Load** | **Efficiency %** | **P.F.** |
| 50% | 93.16 | 0.7691 |
| 75% | 94.1 | 0.8551 |
| 100% | 94.1 | 0.85 |
| | | |
| **FULL LOAD TEMPERATURE RISE** | | |
| FL Temp Rise °C | 60.0 | - |
| | | |
| **3D Image Link** | | |
| GR3-CI-OP-286T-4-BR-D-30 | | |

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

| GENERAL DATA | | |
|---|---|---|
| Frame Size | 286T | |
| 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 | 443.65 | |
| | | |
| **MECHANICAL DATA** | | |
| DE Bearing | 6311C3 | |
| NDE Bearing | 6309C3 | |
| 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 | - | |
| Altitude Above Sea Level m | | |

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