



Model Number SD3-254TC-4-BR-E-15-460-60

MFG PN T254T15U4B

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

| Electrical Data | | | | General Data | |
|-------------------------------|------------------------|---------|--------------|---|----------------------|
| Rated Motor Output Power | 15 HP | | | Frame Size | 254 |
| Rated Motor Speed | 1770 r/min | | | Enclosure | TEFC |
| Rated Motor Voltage (3 Phase) | 460-60 Volts - HZ | | | Approximate Weight | 275 |
| Rated Motor Current | 17.3 Amps | | | NEMA Design | B |
| Service Factor | 1.25 | | | IP Rating | 56 |
| KVA Code | G | | | Insulation Class | F |
| Nominal Efficiency | 92.4 % | | | Tropicalization | YES |
| Nominal Power Factor | 0.88 cosθ | | | Duty | Cont. |
| Full Load Torque Ft-Lb | 59.3 Ft-Lb | | | Cable Entry | 1.25 |
| Temp Rise @ Full Load °C | 31.9 | | | Feet Removable | YES |
| Efficiency Level | IE3 - NEMA Premium | | | Double Drilled | NO |
| Load Data | RPM | Trq %FL | Current Amps | Rated Ambient (°C) | 40 |
| Locked Rotor | - | 187 | 114.5 | Rated Altitude (M) | 1000 |
| Breakdown | - | 263 | - | Coating | 7024 - Graphite Grey |
| Pull Up | - | 119 | - | Shaft Grounding | YES |
| 125% of FL | 1763 | - | 21.44 | Brake Voltage (DC) | -- |
| 75% of FL | 1780 | - | 13.16 | Brake Torque (N-M) | -- |
| 50% of FL | 9.7 | - | -- | Mechanical Data | |
| No Load | 1796 | - | 5.51 | Bearing DE Side | 6309 C3 |
| Hazardous Location | CL1 Div2 Grp A,B,C,D | | | Bearing NDE Side | 6309 C3 |
| | | | | Moment of Inertia | -- kg.m2 |
| | | | | Noise Level | Per NEMA dB (A) |
| CT VFD Range | | -- | | Loaded Torque Curves | |
| | | | | P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cosφ = Power Factor | |
| Certifications | UL | CSA | DOE | | |
| File Numbers | 323353 | 224693 | 096A | | |
| Wiring Diagram | 3PH Single Voltage SD3 | | | | |
| | | | | | |

FRAME: 254TC | HP: | RPM: | PHASE: 3 | VOLT: 208 - 230/460V | ENCL: TEFC | FREQ: 60 Hz | FLA: | LRA:

