

Motor Data Sheet



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| Output kW | 132 |
| Pole | 4 |
| Frame Size | 315M |
| Voltage | 415/690 50Hz, 440/460/480 60Hz |
| Motor Series | TCI |
| Construction | Cast Iron |
| Type | TEFC |
| Protection | IP55 |
| Insulation Class | F with Class B rise |
| Ambient | -20°C to +40°C at 1000 MASL |
| IEC Standard | IEC 60034 & 72 |
| Duty | S1 |
| Full Load RPM | 1485 |
| Full Load Current @ 400V | 222.8 A |
| Starting Current Ratio | 7.00 |
| Full Load Torque (Nm) | 848.9 |
| Starting Torque Ratio | 2.48 |
| Break Down Torque Ratio | 3.23 |
| Pull Up Torque Ratio | 1.64 |
| Efficiency @ 100% load | 95.0% |
| Efficiency @ 75% load | 94.2% |
| Efficiency @ 50% load | 92.6% |
| Power factor @ 100% load | 0.90 |
| Power factor @ 75% load | 0.87 |
| Power factor @ 50% load | 0.82 |
| Noise Level dB (A) @ 1 metre | 85 |
| Output kW @ 440/460/480V | 145/152/158 |
| Full Load RPM @ 60Hz | 1782 |
| Full Load Current @ 440/460/480V | 203/194/186 A |
| Vibration Limit | 3.5 mm/sec |
| Bearing Make | NSK |
| Bearing Type D.E./N.D.E | Roller/Ball |
| Bearing Size D.E./N.D.E. | NU319/6319 C3 |
| Motor Mass | 1049 kg |
| Thermal Protection | PTC 150°C x 3 |

Note: This data sheet has been issued for our standard TCI series and is subject to change without prior notice.