

Motor Data Sheet



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| Output kW | 1.5 |
| Pole | 8 |
| Frame Size | 112M |
| Voltage | 230/415 50Hz, 440/460/480 60Hz |
| Motor Series | TAI |
| Construction | Aluminium |
| 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 | 700 |
| Full Load Current @ 400V | 4.18 A |
| Starting Current Ratio | 4.03 |
| Full Load Torque (Nm) | 20.4 |
| Starting Torque Ratio | 1.82 |
| Break Down Torque Ratio | 2.12 |
| Pull Up Torque Ratio | 1.80 |
| Efficiency @ 100% load | 78.4% |
| Efficiency @ 75% load | 79.3% |
| Efficiency @ 50% load | 77.2% |
| Power factor @ 100% load | 0.68 |
| Power factor @ 75% load | 0.59 |
| Power factor @ 50% load | 0.43 |
| Noise Level dB (A) @ 1 metre | 55 |
| Output kW @ 440/460/480V | 1.65/1.73/1.80 |
| Full Load RPM @ 60Hz | 840 |
| Full Load Current @ 440/460/480V | 3.80/3.63/3.48 A |
| Vibration Limit | 1.8 mm/sec |
| Bearing Make | NSK |
| Bearing Type D.E./N.D.E | Ball/Ball |
| Bearing Size D.E./N.D.E. | 6206ZZ/6206ZZ C3 |
| Motor Mass | 25.4 kg |
| Thermal Protection | Available upon request |

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