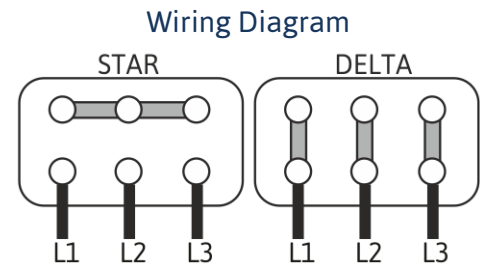


| | | | | | |
|--------------------------------------|---|--------------|------------|------------|------------|
| Three-phase Motor Type* | 1TZ9503-3AB53-4_A4 | 4pole | | | |
| Area | Safe Area | | | | |
| Environmental Conditions | -20°C to +40°C, up to 1000 metres above sea level | | | | |
| Rated Voltage | 400/690V 50Hz, 460VD 60Hz | | | | |
| Output at 50Hz | 200. kW | | | | |
| Output at 60Hz | 230. kW | | | | |
| Frame Size | 315L cast iron | | | | |
| Speed at 50Hz | 1488 rpm | | | | |
| Speed at 60Hz | 1788 rpm | | | | |
| Current at 380V 50Hz | 360.A | | | | |
| Current at 400V 50Hz | 340.A | | | | |
| Current at 415V 50Hz | 330.A | | | | |
| Current at 460V 60Hz | 345.A | | | | |
| Efficiency Class (at 50Hz) | IE3 | | | | |
| Percentage Load | 125% | 100% | 75% | 50% | 25% |
| Efficiency at 50Hz | 95.5% | 96.0% | 96.3% | 96.1% | 94.3% |
| Efficiency at 60Hz | 94.9% | 95.4% | 95.6% | 95.3% | 93.1% |
| Power factor (cos fi) at 50Hz | 0.88 | 0.88 | 0.86 | 0.79 | 0.60 |
| Power factor (cos fi) at 60Hz | 0.88 | 0.88 | 0.86 | 0.80 | 0.62 |
| Rated Torque at 50Hz | 1284. Nm | | | | |
| Rated Torque at 60Hz | 1228. Nm | | | | |
| Duty Cycle | S1 | | | | |
| Starting Current Ratio | 7.4 (50Hz) | | | | |
| Starting Torque Ratio | 3.2 (50Hz) | | | | |
| Breakdown Torque Ratio | 3.0 (50Hz) | | | | |
| Internal Protection / Cooling | IP55 / IC411 (TEFC) | | | | |
| Insulation Class | F (155°C), temperature rise B (80k) | | | | |
| Acoustic Pressure | 65 dB(A) at 50Hz speed / 70 dB(A) at 60Hz speed | | | | |
| Standard Mountings | B3, B3/B5, V1 | | | | |
| Weight | 1190. kg | | | | |
| Moment of Inertia | 3.7 kgm ² | | | | |
| Bearing DE/NDE | 6319 C3 / 6319 C3 (Bearing located at NDE) | | | | |
| Bearing Lubrication | Esso Unirex N3 | | | | |



*The 16th digit of the Type Number denominates the motor mounting.