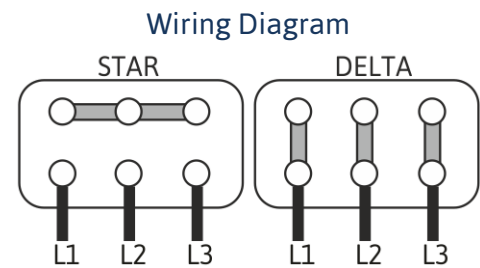


| | | | | | |
|--------------------------------------|---|--------------|------------|------------|------------|
| Three-phase Motor Type* | 1TZ9003-0DC32-2_A4 | 6pole | | | |
| Area | Safe Area | | | | |
| Environmental Conditions | -20°C to +40°C, up to 1000 metres above sea level | | | | |
| Rated Voltage | 230/400V 50Hz, 460VY 60Hz | | | | |
| Output at 50Hz | 0.55 kW | | | | |
| Output at 60Hz | 0.63 kW | | | | |
| Frame Size | 80M Aluminium frame, cast iron endshields/flanges | | | | |
| Speed at 50Hz | 935 rpm | | | | |
| Speed at 60Hz | 1135 rpm | | | | |
| Current at 380V 50Hz | 1.62A | | | | |
| Current at 400V 50Hz | 1.54A | | | | |
| Current at 415V 50Hz | 1.48A | | | | |
| Current at 460V 60Hz | 1.45A | | | | |
| Efficiency Class (at 50Hz) | IE3 | | | | |
| Percentage Load | 125% | 100% | 75% | 50% | 25% |
| Efficiency at 50Hz | | 77.2% | 77.2% | 75.5% | |
| Efficiency at 60Hz | | 81.7% | 82.0% | 80.0% | |
| Power factor (cos fi) at 50Hz | | 0.67 | 0.59 | 0.46 | |
| Power factor (cos fi) at 60Hz | | 0.67 | 0.58 | 0.46 | |
| Rated Torque at 50Hz | 5.6 Nm | | | | |
| Rated Torque at 60Hz | 5.3 Nm | | | | |
| Duty Cycle | S1 | | | | |
| Starting Current Ratio | 4.5 (50Hz) | | | | |
| Starting Torque Ratio | 2.5 (50Hz) | | | | |
| Breakdown Torque Ratio | 2.8 (50Hz) | | | | |
| Internal Protection / Cooling | IP55 / IC411 (TEFC) | | | | |
| Insulation Class | F (155°C), temperature rise B (80k) | | | | |
| Acoustic Pressure | 42 dB(A) at 50Hz speed / 45 dB(A) at 60Hz speed | | | | |
| Standard Mountings | B3, B5, B3/B5, B14A, B3/B14A, B14B, B3/B14B | | | | |
| Weight | 14. kg | | | | |
| Moment of Inertia | 0.0031 kgm ² | | | | |
| Bearing DE/NDE | 6204 2Z C3 / 6004 2Z C3 (Bearing located at NDE) | | | | |
| Bearing Lubrication | Esso Unirex N3 | | | | |



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