



TEC ELECTRIC MOTORS LTD.

Technical Data Sheet

Model **T4C 315L2-2**

| | | |
|-------------------|-----------|----------------------------|
| Housing material | | Cast Iron |
| Phase | | Three |
| Frame size | | 315L |
| Power(50Hz) | kW | 200.00 |
| Current(A)400V | Δ | 336.12 |
| Current(A)690V | Y | 194.85 |
| Speed(50Hz) | (r/min) | 2980 |
| Efficiency | IE4 | |
| | Eff.100% | 96.50 |
| | Eff.75% | 96.50 |
| | Eff.50% | 96.00 |
| Power factor cosp | 100% load | 0.89 |
| 60Hz 460/793V | Power(kW) | 230.00 |
| 60Hz 480/830V | Power(kW) | 240.00 |
| Speed(60Hz) | (r/min) | 3576 |
| Regulations | | IEC / DIN / ISO / VDE / EN |
| Standard | | IEC 60034 |
| Ambient Temp. | | -20°C ~ +40°C |
| Maximum altitude | | 1000 m above sea level |

| | |
|----------------------------------------|-------------------|
| Rated torque(N.m) | 640.94 |
| Tst/Tn (Times) | 1.8 |
| Tmax/Tn (Times) | 2.2 |
| Tmin/Tn (Times) | 0.8 |
| Ist/In (Times) | 8.5 |
| Bearings type(DE) | 6317C3 |
| Bearings type(NDE) | 6317C3 |
| Oil seals | 85*110*12 |
| Cable glands | 2-M63*1.5 |
| Insulation class | F |
| Protection degree | IP 55 |
| Thermal protection | PTC150°C |
| Rotation direction | Clockwise |
| Service duty | S1 |
| Balance | Half-key balanced |
| Cooling | IC 411 |
| Noise dB(A) | 92 |
| Net weight(kg) | 1237.00 |
| Moment of inertia (kg*m ²) | 3.272571933 |