



# MOTOR DATA SHEET

**MOTOR PART CODE:**

**1.163TECAB14-IE3**

**FRAME SIZE:**

**90L-6**

**50Hz**

|                       |             |
|-----------------------|-------------|
| Output (kW)           | 1.1         |
| Rotation Speed (rpm)  | 950         |
| Voltage               | 230/400     |
| Full Load Current (A) | 5.07   2.93 |
| Full Load Torque (Nm) | 11.05789474 |

**60Hz**

|                       |             |
|-----------------------|-------------|
| Output (kW)           | 1.32        |
| Rotation Speed (rpm)  | 1140        |
| Voltage               | 276   480   |
| Full Load Current (A) | 5.07   2.93 |
| Full Load Torque (Nm) | 9.21        |

**Efficiency Data**

| <b>100%</b> | <b>75%</b> | <b>50%</b> |
|-------------|------------|------------|
| 81          | 81.1       | 78.4       |

|                    |               |
|--------------------|---------------|
| Factory Reference  | T3A 90L-6     |
| Tst/Tn (times)     | 2.7           |
| Tmax/Tn            | 2.9           |
| Noise (dB)         | 59            |
| Moment of inertia  | 0.005487386   |
| Type of feet       | Not Fitted    |
| Protection         | IP55          |
| Rotation Direction | F / R         |
| Cable Glands       | 1 - M20 × 1.5 |
| Paint Colour       | RAL 7024      |
| Efficiency         | IE3           |
| Bearing (DE)       | 6205 2RS C3   |

|                     |                |
|---------------------|----------------|
| Power Factor (cos)  | 0.67           |
| Tmin/Tn             | 2.5            |
| Ist/In (Times)      | 5.2            |
| Net Weight (Kg)     | 16.2           |
| Housing material    | Aluminum       |
| Insulation Class    | F              |
| Thermal Protection  | PTC 130°C      |
| Duty Cycle          | S1             |
| Cooling             | IC 411         |
| Ambient Temperature | -20°C to +40°C |
| Bearing Brand       | NSK            |
| Bearing (NDE)       | 6205 2RS C3    |

*Motors designed and manufactured in accordance with:*

**IEC 60034  
IEC 60038  
IEC 60072  
2014/30/EU (EMC)  
2014/35/EU (LVD)  
2011/65/EU (RoHS 2)**

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