



## MOTOR DATA SHEET

**MOTOR PART CODE:**

**15.043TECAB5-IE2**

**FRAME SIZE:**

**160L1-4**

**50Hz**

|                       |               |
|-----------------------|---------------|
| Output (kW)           | 15            |
| Rotation Speed (rpm)  | 1460          |
| Voltage               | 400/690       |
| Full Load Current (A) | 28.45   16.42 |
| Full Load Torque (Nm) | 98.11643836   |

**60Hz**

|                       |               |
|-----------------------|---------------|
| Output (kW)           | 18            |
| Rotation Speed (rpm)  | 1752          |
| Voltage               | 480   828     |
| Full Load Current (A) | 28.45   16.42 |
| Full Load Torque (Nm) | 81.76         |

**Efficiency Data**

| <b>100%</b> | <b>75%</b> | <b>50%</b> |
|-------------|------------|------------|
| 90.6        | 90.8       | 89.8       |

|                    |               |
|--------------------|---------------|
| Factory Reference  | MS2 160L1-4   |
| Tst/Tn (times)     | 2.9           |
| Tmax/Tn            | 3             |
| Noise (dB)         | 75            |
| Moment of inertia  | 0.1183537     |
| Type of feet       | Not Fitted    |
| Protection         | IP55          |
| Rotation Direction | F / R         |
| Cable Glands       | 2 - M32 × 1.5 |
| Paint Colour       | RAL 7024      |
| Efficiency         | IE2           |
| Bearing (DE)       | 6309 2RS C3   |

|                     |                 |
|---------------------|-----------------|
| Power Factor (cos)  | 0.84            |
| Tmin/Tn             | 1.7             |
| Ist/In (Times)      | 8.2             |
| Net Weight (Kg)     | 103.5           |
| Housing material    | Aluminum        |
| Insulation Class    | F               |
| Thermal Protection  | PTC 130°C       |
| Duty Cycle          | S1              |
| Cooling             | IC411           |
| Ambient Temperature | -20°C to + 40°C |
| Bearing Brand       | NSK             |
| Bearing (NDE)       | 6309 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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