



# MOTOR DATA SHEET

**MOTOR PART CODE:**

**18.563TECAB3-IE2**

**FRAME SIZE:**

**200L1-6**

|                       | 50Hz          |
|-----------------------|---------------|
| Output (kW)           | 18.5          |
| Rotation Speed (rpm)  | 975           |
| Voltage               | 400/690       |
| Full Load Current (A) | 35.59   20.55 |
| Full Load Torque (Nm) | 181.2051282   |

|                       | 60Hz          |
|-----------------------|---------------|
| Output (kW)           | 22.2          |
| Rotation Speed (rpm)  | 1170          |
| Voltage               | 480   828     |
| Full Load Current (A) | 35.59   20.55 |
| Full Load Torque (Nm) | 151.00        |

## Efficiency Data

| 100% | 75%  | 50%  |
|------|------|------|
| 90.4 | 90.2 | 89.3 |

|                    |                |
|--------------------|----------------|
| Factory Reference  | MS2 200L1-6    |
| Tst/Tn (times)     | 2.1            |
| Tmax/Tn            | 2.9            |
| Noise (dB)         | 82             |
| Moment of inertia  | 0.3039414      |
| Type of feet       | Removable feet |
| Protection         | IP55           |
| Rotation Direction | F / R          |
| Cable Glands       | 2 - M40× 1.5   |
| Paint Colour       | RAL 7024       |
| Efficiency         | IE2            |
| Bearing (DE)       | 6312 2RS C3    |

|                     |                 |
|---------------------|-----------------|
| Power Factor (cos)  | 0.83            |
| Tmin/Tn             | 1.5             |
| Ist/In (Times)      | 8.3             |
| Net Weight (Kg)     | 149             |
| 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)       | 6212 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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