



## BRAKE MOTOR DATA SHEET

**MOTOR PART CODE:**

**2.243TECAB35-BM**

**FRAME SIZE:**

**100L1-4**

**50Hz**

|                       |             |
|-----------------------|-------------|
| Output (kW)           | 2.2         |
| Rotation Speed (rpm)  | 1440        |
| Voltage               | 230/400     |
| Full Load Current (A) | 8.47   4.89 |
| Full Load Torque (Nm) | 14.59       |

**60Hz**

|                       |             |
|-----------------------|-------------|
| Output (kW)           | 2.64        |
| Rotation Speed (rpm)  | 1728        |
| Voltage               | 276   480   |
| Full Load Current (A) | 8.47   4.89 |
| Full Load Torque (Nm) | 12.16       |

### Efficiency Data

| 100% | 75%  | 50%  |
|------|------|------|
| 84.3 | 84.4 | 82.6 |

|                    |                |
|--------------------|----------------|
| Factory Reference  | MSB100L1-4     |
| Tst/Tn (times)     | 3.3            |
| Tmax/Tn            | 3.6            |
| Noise (dB)         | 64             |
| Moment of inertia  | 0.007306       |
| Type of feet       | Removable feet |
| Protection         | IP55           |
| Rotation Direction | F / R          |
| Cable Glands       | 2 - M20 × 1.5  |
| Paint Colour       | RAL 7024       |
| Brake Torque (Nm)  | 35             |
| Brake Voltage      | 205v DC        |
| Rectifier          | Full Wave      |

|                     |                 |
|---------------------|-----------------|
| Power Factor (cos)  | 0.77            |
| Tmin/Tn             | 2.9             |
| Ist/In (Times)      | 7.6             |
| Net Weight (Kg)     | 22.4            |
| 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 (DE)        | 6206 2RS C3     |
| Bearing (NDE)       | 6206 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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