



# MOTOR DATA SHEET

**MOTOR PART CODE:**

**1.183TECAB34**

**FRAME SIZE:**

**100L2-8**

**50Hz**

Output (kW)	1.1
Rotation Speed (rpm)	710
Voltage	230/400
Full Load Current (A)	5.54   3.2
Full Load Torque (Nm)	14.79577465

**60Hz**

Output (kW)	1.32
Rotation Speed (rpm)	852
Voltage	276   480
Full Load Current (A)	5.54   3.2
Full Load Torque (Nm)	12.33

## Efficiency Data

<b>100%</b>	<b>75%</b>	<b>50%</b>
72	72.6	68.6

Factory Reference	MS100L2-8
Tst/Tn (times)	1.7
Tmax/Tn	2.1
Noise (dB)	59
Moment of inertia	0.00750254
Type of feet	Removable feet
Protection	IP55
Rotation Direction	F / R
Cable Glands	1 - M25× 1.5
Paint Colour	RAL 7024
Efficiency	IE1
Bearing (DE)	6206 2RS C3

Power Factor (cos)	0.69
Tmin/Tn	1.2
Ist/In (Times)	3.5
Net Weight (Kg)	19.5
Housing material	Aluminum
Insulation Class	F
Thermal Protection	PTC 130°C
Duty Cycle	S1
Cooling	IC411
Ambient Temperature	-20°C to +40°
Bearing Brand	NSK
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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