



# MOTOR DATA SHEET

**MOTOR PART CODE:**

**18.523TECAB5-IE2**

**FRAME SIZE:**

**160L-2**

	50Hz
Output (kW)	18.5
Rotation Speed (rpm)	2930
Voltage	400/690
Full Load Current (A)	32.28   18.64
Full Load Torque (Nm)	60.29863481

	60Hz
Output (kW)	22.2
Rotation Speed (rpm)	3516
Voltage	480   828
Full Load Current (A)	32.28   18.64
Full Load Torque (Nm)	50.25

## Efficiency Data

100%	75%	50%
90.9	91.5	90.9

Factory Reference	MS2 160L-2
Tst/Tn (times)	3.2
Tmax/Tn	3.2
Noise (dB)	86
Moment of inertia	0.06880666
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)	0.91
Tmin/Tn	2.2
Ist/In (Times)	9
Net Weight (Kg)	102.5
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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