



# MOTOR DATA SHEET

**MOTOR PART CODE:**

**0.1243TECAB5**

**FRAME SIZE:**

**631-4**

**50Hz**

Output (kW)	0.12
Rotation Speed (rpm)	1360
Voltage	230/400
Full Load Current (A)	0.95   0.55
Full Load Torque (Nm)	0.842647059

**60Hz**

Output (kW)	0.144
Rotation Speed (rpm)	1632
Voltage	276   480
Full Load Current (A)	0.95   0.55
Full Load Torque (Nm)	0.70

## Efficiency Data

**100%**

52

**75%**

49.4

**50%**

42

Factory Reference	MS631-4
Tst/Tn (times)	2.2
Tmax/Tn	2.4
Noise (dB)	52
Moment of inertia	0.000272954
Type of feet	Not Fitted
Protection	IP55
Rotation Direction	F / R
Cable Glands	1 - M20× 1.5
Paint Colour	RAL 7024
Efficiency	IE1
Bearing (DE)	6201 2RS C3

Power Factor (cos)	0.64
Tmin/Tn	2
Ist/In (Times)	4
Net Weight (Kg)	3.7
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)	6201 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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