



MOTOR DATA SHEET

MOTOR PART CODE:

0.1243TECAB14

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%	75%	50%
52	49.4	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)**

www.tecmotors.co.uk

TEC Electric Motors Ltd. reserves the right to amend or change motor designs or data sheet information