MOTOR DATA SHEET

MOTOR PART CODE: **1.523TECAB5R-IE2**

FRAME SIZE: **90S-2**

	50Hz
Output (kW)	1.5
Rotation Speed (rpm)	2860
Voltage	230/400
Full Load Current (A)	5.56 | 3.21
Full Load Torque (Nm)	5.008741259

	60Hz
Output (kW)	1.8
Rotation Speed (rpm)	3432
Voltage	276 | 480
Full Load Current (A)	5.56 | 3.21
Full Load Torque (Nm)	4.17

Efficiency Data

100%	75%	50%
81.3	81.2	78.8

Factory Reference	MS2 90S-2
Tst/Tn (times)	4.5
Tmax/Tn	3.5
Noise (dB)	72
Moment of inertia	0.001429651
Type of feet	Not Fitted
Protection	IP55
Rotation Direction	F / R
Cable Glands	1 - M20 × 1.5
Paint Colour	RAL 7024
Efficiency	IE2
Bearing (DE)	6205 2RS C3

Power Factor (cos)	0.83
Tmin/Tn	2.7
Ist/In (Times)	8.2
Net Weight (Kg)	13.2
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)	6205 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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