MOTOR DATA SHEET

MOTOR PART CODE: **1.143TECAB34B-IE3**

FRAME SIZE: **90S-4**

	50Hz
Output (kW)	1.1
Rotation Speed (rpm)	1440
Voltage	230/400
Full Load Current (A)	4.48 | 2.59
Full Load Torque (Nm)	7.295138889

	60Hz
Output (kW)	1.32
Rotation Speed (rpm)	1728
Voltage	276 | 480
Full Load Current (A)	4.48 | 2.59
Full Load Torque (Nm)	6.08

Efficiency Data

100%	75%	50%
84.1	84.2	82.9

Factory Reference	T3A 90S-4
Tst/Tn (times)	4
Tmax/Tn	3.4
Noise (dB)	61
Moment of inertia	0.003841812
Type of feet	Removable feet
Protection	IP55
Rotation Direction	F / R
Cable Glands	1 - M20 × 1.5
Paint Colour	RAL 7024
Efficiency	IE3
Bearing (DE)	6205 2RZ C3

Power Factor (cos)	0.73
Tmin/Tn	2.5
Ist/In (Times)	7.1
Net Weight (Kg)	15.1
Housing material	Aluminum
Insulation Class	F
Thermal Protection	PTC 130°C
Duty Cycle	S1
Cooling	IC 411
Ambient Temperature	-20°C to +40°C
Bearing Brand	NSK
Bearing (NDE)	6205 2RZ 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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