



# MOTOR DATA SHEET

**MOTOR PART CODE:**

**1.543TECAB35-IE3**

**FRAME SIZE:**

**90L1-4**

	50Hz
Output (kW)	1.5
Rotation Speed (rpm)	1430
Voltage	230/400
Full Load Current (A)	5.94   3.43
Full Load Torque (Nm)	10.01748252

	60Hz
Output (kW)	1.8
Rotation Speed (rpm)	1716
Voltage	276   480
Full Load Current (A)	5.94   3.43
Full Load Torque (Nm)	8.35

## Efficiency Data

100%	75%	50%
85.3	85.5	84.1

Factory Reference	T3A 90L1-4
Tst/Tn (times)	3.4
Tmax/Tn	3.3
Noise (dB)	61
Moment of inertia	0.004685461
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 2RS C3

Power Factor (cos)	0.74
Tmin/Tn	2.8
Ist/In (Times)	7.1
Net Weight (Kg)	18
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 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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