



# MOTOR DATA SHEET

**MOTOR PART CODE:**

**0.3783TECAB5**

**FRAME SIZE:**

**90S-8**

	50Hz
Output (kW)	0.37
Rotation Speed (rpm)	680
Voltage	230/400
Full Load Current (A)	2.34   1.35
Full Load Torque (Nm)	5.196323529

	60Hz
Output (kW)	0.444
Rotation Speed (rpm)	816
Voltage	276   480
Full Load Current (A)	2.34   1.35
Full Load Torque (Nm)	4.33

## Efficiency Data

100%	75%	50%
63	63.1	58.6

Factory Reference	MS90S-8
Tst/Tn (times)	1.6
Tmax/Tn	1.8
Noise (dB)	56
Moment of inertia	0.003060673
Type of feet	Not Fitted
Protection	IP55
Rotation Direction	F / R
Cable Glands	1 - M25× 1.5
Paint Colour	RAL 7024
Efficiency	IE1
Bearing (DE)	6205 2RS C3

Power Factor (cos)	0.63
Tmin/Tn	1.3
Ist/In (Times)	2.8
Net Weight (Kg)	12.5
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)	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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