



MOTOR DATA SHEET

MOTOR PART CODE:

1.141TCCB3

FRAME SIZE:

90S-4

50Hz

Output (kW)	1.1
Rotation Speed (rpm)	1420
Voltage	230
Full Load Current (A)	6.62
Full Load Torque (Nm)	7.40

Factory Reference	ML90S-4
Tst/Tn (times)	2.5
Tmax/Tn	1.7
Noise (dB)	73
Moment of inertia	0.002510347
Type of feet	Removable feet
Rotation Direction	F / R
Cooling	IC411
Standard	IEC60034
IP Rating	IP55
Allowed Radial Load (N)	812
Bearing (DE)	6205 2RS C3

Power Factor (cos)	0.95
Tmin/Tn	1.2
Ist/In (Times)	6
Net Weight (Kg)	13.8
Housing material	Aluminium
Insulation Class	F
Duty Cycle	S1
Paint	RAL 7024
Ambient Temperature	-20°C to +40°
Starting Method	DOL
Allowed Axial Load (N)	672
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)**

www.tecmotors.co.uk

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