



MOTOR DATA SHEET

MOTOR PART CODE:

18.563TECCB3-IE2

FRAME SIZE:

200L1-6

	50Hz
Output (kW)	18.5
Rotation Speed (rpm)	970
Voltage	400/690
Full Load Current (A)	36.92/21.32
Full Load Torque (Nm)	182.1

	60Hz
Output (kW)	22.2
Rotation Speed (rpm)	1164
Voltage	480/828
Full Load Current (A)	36.92/21.32
Full Load Torque (Nm)	151.75

Efficiency Data

100%	75%	50%
90.4	91	89.8

Factory Reference	T2C 200L1-6
Tst/Tn (times)	2
Tmax/Tn	2.8
Noise (dB)	76
Moment of inertia	0.36147
Type of feet	Removable feet
Protection	IP55
Rotation Direction	F / R
Cable Glands	2 - M40× 1.5
Paint Colour	RAL 7024
Efficiency	IE2
Bearing (DE)	6312 C3

Power Factor (cos)	0.8
Tmin/Tn	1.4
Ist/In (Times)	9
Net Weight (Kg)	221.4
Housing material	Cast Iron
Insulation Class	F
Thermal Protection	PTC 140°C
Duty Cycle	S1
Cooling	IC 411
Ambient Temperature	-20°C to +40°C
Bearing Brand	NSK
Bearing (NDE)	6312 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