MOTOR DATA SHEET

MOTOR PART CODE: **75.083TECCB3**

FRAME SIZE: **315M-8**

	50Hz
Output (kW)	75
Rotation Speed (rpm)	740
Voltage	400 I 690
Full Load Current (A)	143.71 | 82.97
Full Load Torque (Nm)	967.9054054

	60Hz
Output (kW)	90
Rotation Speed (rpm)	888
Voltage	480 | 828
Full Load Current (A)	143.71 | 82.97
Full Load Torque (Nm)	806.59

Efficiency Data

100%	75%	50%
93	92.6	91.1

Factory Reference	T1C 315M-8
Tst/Tn (times)	1.8
Tmax/Tn	2
Noise (dB)	82
Moment of inertia	5.267854396
Type of feet	fixed feet
Protection	IP55
Rotation Direction	F / R
Cable Glands	2 - M63× 1.5
Paint Colour	RAL 7024
Efficiency	IE1
Bearing (DE)	NU319 C3

Power Factor (cos)	0.81
Tmin/Tn	1
Ist/In (Times)	6.6
Net Weight (Kg)	998.8
Housing material	Cast iron
Insulation Class	F
Thermal Protection	PTC 140°C
Duty Cycle	S1
Cooling	IC411
Ambient Temperature	-20°C to +40°C
Bearing Brand	NSK
Bearing (NDE)	6319 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