



# TEC ELECTRIC MOTORS LTD.

## Technical Data Sheet

### Model T4C 315M-4

Housing material		Cast Iron
Phase		Three
Frame size		315M
Power(50Hz)	kW	132.00
Current(A)400V	Δ	222.07
Current(A)690V	Y	128.74
Speed(50Hz)	(r/min)	1485
Efficiency	IE4	
	Eff.100%	96.40
	Eff.75%	96.40
	Eff.50%	96.20
Power factor cosp	100% load	0.89
60Hz 460/793V	Power(kW)	151.80
60Hz 480/830V	Power(kW)	158.40
Speed(60Hz)	(r/min)	1782
Regulations		IEC / DIN / ISO / VDE / EN
Standard		IEC 60034
Ambient Temp.		-20°C ~ +40°C
Maximum altitude		1000 m above sea level

Rated torque(N.m)	848.89
Tst/Tn (Times)	1.8
Tmax/Tn (Times)	2.2
Tmin/Tn (Times)	1
Ist/In (Times)	8.5
Bearings type(DE)	NU319
Bearings type(NDE)	6317C3
Oil seals	95*120*12
Cable glands	2-M63*1.5
Insulation class	F
Protection degree	IP 55
Thermal protection	PTC150°C
Rotation direction	Clockwise
Service duty	S1
Balance	Half-key balanced
Cooling	IC 411
Noise dB(A)	88
Net weight(kg)	1037.00
Moment of inertia (kg*m <sup>2</sup> )	4.471247067