



TEC ELECTRIC MOTORS LTD.

Technical Data Sheet

Model T4C 315L1-4

Housing material		Cast Iron
Phase		Three
Frame size		315L
Power(50Hz)	kW	160.00
Current(A)400V	Δ	265.63
Current(A)690V	Y	153.99
Speed(50Hz)	(r/min)	1485
Efficiency	IE4	
	Eff.100%	96.60
	Eff.75%	96.60
	Eff.50%	96.30
Power factor cosp	100% load	0.90
60Hz 460/793V	Power(kW)	184.00
60Hz 480/830V	Power(kW)	192.00
Speed(60Hz)	(r/min)	1782
Regulations		IEC / DIN / ISO / VDE / EN
Standard		IEC 60034
Ambient Temp.		-20°C ~ +40°C
Maximum altitute		1000 m above sea level

Rated torque(N.m)	1028.96
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)	1137.00
Moment of inertia (kg*m ²)	5.267381570