



TEC ELECTRIC MOTORS LTD

Technical Data Sheet

Model T4C 315L3-4

Housing material		Cast Iron
Phase		Three
Frame size		315
Power(50Hz)	kW	200.00
Current(A)400V	Δ	331.70
Current(A)690V	Y	192.29
Speed(50Hz)	(r/min)	1485
Service Factor		1.0
Efficiency	IE4	
	Eff.100%	96.70
	Eff.75%	96.70
	Eff.50%	96.30
Power factor cosφ	100% load	0.90
60HZ 460V	Power(kW)	230.00
60HZ 480V	Power(kW)	240.00
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)	1286.80
Tst/Tn (Times)	1.8
Tmax/Tn (Times)	2.2
Tmin/Tn (Times)	0.9
Ist/In (Times)	8.5
LRC (A)400V	2819.42
LRC (A)690V	1634.44
Bearings type(DE)	NU319
Bearings type(NDE)	6319C3
Cable glands	2-M63*1.5
Insulation class	F
Protection degree	IP 55
Thermal protection	3*PTC
Rotation direction	Clockwise
Service duty	S1
Balance	Half-key balanced
Cooling	IC 411
Noise dB(A)	80
Net weight(kg)	1246.00
Moment of inertia (kg*m ²)	6.290983074