



TEC ELECTRIC MOTORS LTD.

Technical Data Sheet

Model

T4C 315M-6

Housing material		Cast Iron
Phase		Three
Frame size		315M
Power(50Hz)	kW	90.00
Current(A)400V	Δ	159.86
Current(A)690V	Y	92.67
Speed(50Hz)	(r/min)	990
Efficiency	IE4	
	Eff.100%	95.60
	Eff.75%	95.80
	Eff.50%	95.40
Power factor cosφ	100% load	0.85
60Hz 460/793V	Power(kW)	103.50
60Hz 480/830V	Power(kW)	108.00
Speed(60Hz)	(r/min)	1188
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)	868.18
Tst/Tn (Times)	1.6
Tmax/Tn (Times)	2
Tmin/Tn (Times)	1
Ist/In (Times)	8
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)	83
Net weight(kg)	997.00
Moment of inertia (kg*m ²)	5.257374608