



TEC ELECTRIC MOTORS LTD

Technical Data Sheet

Model

T3C 250M-8

Housing material		Casting iron
Phase		Three
Frame size		250
Power(50Hz)	kW	30.00
Current(A)400V	Δ	59.28
Current(A)690V	Y	34.37
Speed(50Hz)	(r/min)	735
Service Factor		1.0
Efficiency	IE3	
	Eff.100%	91.30
	Eff.75%	91.50
	Eff.50%	90.80
Power factor cosφ	100% load	0.80
60HZ 460V	Power(kW)	34.50
60HZ 480V	Power(kW)	36.00
Speed(60Hz)	(r/min)	882
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)	389.80
Tst/Tn (Times)	1.9
Tmax/Tn (Times)	2
Tmin/Tn (Times)	1
Ist/In (Times)	6.6
LRC (A)400V	391.28
LRC (A)690V	226.83
Bearings type(DE)	6314C3
Bearings type(NDE)	6314C3
Cable glands	2-M40*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)	67
Net weight(kg)	408.00
Moment of inertia (kg*m ²)	1.071090000