



TEC ELECTRIC MOTORS LTD

Technical Data Sheet

Model T3C 100L-2

Housing material		Cast iron
Phase		Three
Frame size		100
Power(50Hz)	kW	3
Current(A)230V	Δ	9.82
Current(A)400V	Y	5.65
Speed(50Hz)	(r/min)	2900
Service Factor		1
Efficiency	IE3	
	Eff.100%	87.1
	Eff.75%	88.5
	Eff.50%	86.8
Power factor cosφ	100% load	0.88
60Hz 265/460V	Power(kW)	3.45
60Hz 276/480V	Power(kW)	3.6
Speed(60Hz)	(r/min)	3480
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)	9.88
Tst/Tn (Times)	2.5
Tmax/Tn (Times)	2.8
Tmin/Tn (Times)	2
Ist/In (Times)	9.5
LRC (A)400V	93.34
LRC (A)690V	53.67
Bearings type(DE)	6206-2RZ
Bearings type(NDE)	6206-2RZ
Cable glands	1-M20*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)	74
Net weight(kg)	34.1
Moment of inertia (kg*m ²)	0.00496