



TEC ELECTRIC MOTORS LTD

Technical Data Sheet

Model T3A 112M2-2

Housing material		Aluminum
Phase		Three
Frame size		112
Power(50Hz)	kW	5.50
Current(A)400V	Δ	9.78
Current(A)690V	Y	5.65
Speed(50Hz)	(r/min)	2920
Efficiency	IE3	
	Eff.100%	89.20
	Eff.75%	89.60
	Eff.50%	89.10
Power factor cosφ	100% load	0.91
60Hz 460/793V	Power(kW)	6.33
60Hz 480/830V	Power(kW)	6.60
Speed(60Hz)	(r/min)	3510
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)	17.99
Tst/Tn (Times)	3.3
Tmax/Tn (Times)	4.2
Tmin/Tn (Times)	2.9
Ist/In (Times)	11.9
Bearings type(DE)	6306-2RZ
Bearings type(NDE)	6206-2RZ
Oil seals	30x44x7
Cable glands	2-M25*1.5
Insulation class	F
Protection degree	IP 55
Thermal protection	PTC130°C
Rotation direction	Clockwise
Service duty	S1
Balance	Half-key balanced
Cooling	IC 411
Noise dB(A)	78
Net weight(kg)	35.70
Moment of inertia (kg*m ²)	0.009251268