TEC ELECTRIC MOTORS LTD

Technical Data Sheet

Model **T3A 112M2-4**

Housing material		Aluminum
Phase		Three
Frame size		112
Power(50Hz)	kW	5.50
Current(A)230V	Δ	19.18
Current(A)400V	Y	11.08
Speed(50Hz)	(r/min)	1450
Efficiency	IE3	
	Eff.100%	89.60
	Eff.75%	89.90
	Eff.50%	89.10
Power factor cosφ	100% load	0.80
60Hz 265/460V	Power(kW)	6.33
60Hz 276/480V	Power(kW)	6.60
Speed(60Hz)	(r/min)	1740
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)	36.22
Tst/Tn (Times)	3.8
Tmax/Tn (Times)	3.7
Tmin/Tn (Times)	2.5
Ist/In (Times)	9.1
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)	71
Net weight(kg)	39.10
Moment of inertia（kg*m²）	0.048758370

TEC Electric Motors Ltd, 291-296 Oak Drive, Hartlebury Trading Est, Kidderminster, Worcs, DY10 4JB
T: 01299 252 990 F: 01299 253 597 www.tecmotors.co.uk