TEC ELECTRIC MOTORS LTD

Technical Data Sheet

Model **T2A 712-2**

Housing material		Aluminum
Phase		Three
Frame size		71
Power(50Hz)	kW	0.55
Current(A)230V	Δ	2.29
Current(A)400V	Y	1.32
Speed(50Hz)	(r/min)	2840
Efficiency	IE2	
	Eff.100%	74.10
	Eff.75%	73.40
	Eff.50%	70.70
Power factor cosφ	100% load	0.81
60Hz 265/460V	Power(kW)	0.63
60Hz 276/480V	Power(kW)	0.66
Speed(60Hz)	(r/min)	3410
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)	1.85
Tst/Tn (Times)	2.3
Tmax/Tn (Times)	2.5
Tmin/Tn (Times)	1.7
Ist/In (Times)	5.7
Bearings type(DE)	6202-2RZ
Bearings type(NDE)	6202-2RZ
Oil seals	15x25x7
Cable glands	1-M20*1.5
Insulation class	F
Protection degree	IP 55
Thermal protection	Without
Rotation direction	Clockwise
Service duty	S1
Balance	Half-key balanced
Cooling	IC 411
Noise dB(A)	64
Net weight(kg)	5.80
Moment of inertia（kg*m²）	0.000457686

TEC Electric Motors Ltd, Units 291 & 296, Oak Drive, Hartlebury Trading Estate, Nr. Kidderminster, DY10 4JB
T: 01299 252 990 F: 01299 250 317 www.tecmotors.co.uk