



TEC ELECTRIC MOTORS LTD

Technical Data Sheet

Model

T2A 712-4

Housing material		Aluminum
Phase		Three
Frame size		71
Power(50Hz)	kW	0.37
Current(A)230V	Δ	1.74
Current(A)400V	Y	1.01
Speed(50Hz)	(r/min)	1400
Efficiency	IE2	
	Eff.100%	72.70
	Eff.75%	73.00
	Eff.50%	69.20
Power factor cosφ	100% load	0.73
60Hz 265/460V	Power(kW)	0.43
60Hz 276/480V	Power(kW)	0.44
Speed(60Hz)	(r/min)	1680
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)	2.52
Tst/Tn (Times)	2.4
Tmax/Tn (Times)	2.5
Tmin/Tn (Times)	2
Ist/In (Times)	4.7
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)	55
Net weight(kg)	6.30
Moment of inertia (kg*m ²)	0.000816000