



TEC ELECTRIC MOTORS LTD

Technical Data Sheet

Model T2A 713-4

Housing material		Aluminum
Phase		Three
Frame size		71
Power(50Hz)	kW	0.55
Current(A)230V	Δ	2.44
Current(A)400V	Y	1.41
Speed(50Hz)	(r/min)	1395
Efficiency	IE2	
	Eff.100%	77.10
	Eff.75%	77.10
	Eff.50%	75.50
Power factor cosφ	100% load	0.73
60Hz 265/460V	Power(kW)	0.63
60Hz 276/480V	Power(kW)	0.66
Speed(60Hz)	(r/min)	1675
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)	3.77
Tst/Tn (Times)	2.5
Tmax/Tn (Times)	2.6
Tmin/Tn (Times)	2.3
Ist/In (Times)	4.9
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	Optional
Rotation direction	Clockwise
Service duty	S1
Balance	Half-key balanced
Cooling	IC 411
Noise dB(A)	57
Net weight(kg)	7.50
Moment of inertia (kg*m ²)	0.001089133