



TEC ELECTRIC MOTORS LTD

Technical Data Sheet

Model

T2A 631-4

Housing material		Aluminum
Phase		Three
Frame size		63
Power(50Hz)	kW	0.12
Current(A)230V	Δ	0.77
Current(A)400V	Y	0.44
Speed(50Hz)	(r/min)	1395
Efficiency	IE2	
	Eff.100%	60.10
	Eff.75%	56.70
	Eff.50%	48.20
Power factor cosφ	100% load	0.65
60Hz 265/460V	Power(kW)	0.14
60Hz 276/480V	Power(kW)	0.14
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)	0.82
Tst/Tn (Times)	2.2
Tmax/Tn (Times)	2.3
Tmin/Tn (Times)	1.7
Ist/In (Times)	3.5
Bearings type(DE)	6201-2RZ
Bearings type(NDE)	6201-2RZ
Oil seals	12x22x5
Cable glands	1-M16*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)	52
Net weight(kg)	3.50
Moment of inertia (kg*m ²)	0.000274000