



TEC ELECTRIC MOTORS LTD

Technical Data Sheet

Model

T2A 631-2

Housing material		Aluminum
Phase		Three
Frame size		63
Power(50Hz)	kW	0.18
Current(A)230V	Δ	0.93
Current(A)400V	Y	0.54
Speed(50Hz)	(r/min)	2840
Efficiency	IE2	
	Eff.100%	64.5
	Eff.75%	62.40
	Eff.50%	54.80
Power factor cosφ	100% load	0.75
60Hz 265/460V	Power(kW)	0.21
60Hz 276/480V	Power(kW)	0.22
Speed(60Hz)	(r/min)	3410
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)	0.61
Tst/Tn (Times)	2
Tmax/Tn (Times)	2.5
Tmin/Tn (Times)	1.7
Ist/In (Times)	4.7
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)	61
Net weight(kg)	3.60
Moment of inertia (kg*m ²)	0.000231000