



# TEC ELECTRIC MOTORS LTD

## Technical Data Sheet

### Model **T2A 632-2**

Housing material		Aluminum
Phase		Three
Frame size		63
Power(50Hz)	kW	0.25
Current(A)230V	Δ	1.16
Current(A)400V	Y	0.67
Speed(50Hz)	(r/min)	2840
Efficiency	IE2	
	Eff.100%	68.8
	Eff.75%	67.50
	Eff.50%	61.60
Power factor cosφ	100% load	0.78
60Hz 265/460V	Power(kW)	0.29
60Hz 276/480V	Power(kW)	0.30
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)	0.84
Tst/Tn (Times)	2.5
Tmax/Tn (Times)	2.7
Tmin/Tn (Times)	2
Ist/In (Times)	5.2
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)	3.90
Moment of inertia (kg*m <sup>2</sup> )	0.000255000