



MOTOR DATA SHEET

MOTOR PART CODE:

4.023TECA-IE3-230V

Model **T3A 112M1-2**

Housing material	Aluminum	
Phase	Three	
Frame size	112	
Power(50Hz)	kW	4.00
Current(A)230V	Δ	12.47
Current(A)400V	Y	7.20
Speed(50Hz)	(r/min)	2920
Efficiency	IE3	
	Eff.100%	88.10
	Eff.75%	88.20
	Eff.50%	87.00
Power factor cosφ	100% load	0.91
60Hz 265/460V	Power(kW)	4.60
60Hz 276/480V	Power(kW)	4.80
Speed(60Hz)	(r/min)	3510
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)	13.08
Tst/Tn (Times)	3.4
Tmax/Tn (Times)	3.9
Tmin/Tn (Times)	2.4
Ist/In (Times)	10.5
Bearings type(DE)	6306-2RZ
Bearings type(NDE)	6206-2RZ
Oil seals	30x44x7
Cable glands	2-M25*1.5
Insulation class	F
Protection degree	IP 55
Thermal protection	PTC130°C
Rotation direction	BI-DIRECTIONAL
Service duty	S1
Balance	Half-key balanced
Cooling	IC 411
Noise dB(A)	77
Net weight(kg)	30.10
Moment of inertia (kg*m ²)	0.007505099

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