

ALPHA



Technical Data Sheet

Model T1C 250M-2

Housing material		Casting iron
Phase		Three
Frame size		250
Power(50Hz)	kW	75.00
Current(A)400V	Δ	133.57
Current(A)690V	Y	77.43
Speed(50Hz)	(r/min)	2930
Efficiency	IE1	
	Eff.100%	92.10
	Eff.75%	92.50
	Eff.50%	90.70
Power factor cosφ	100% load	0.88
60Hz 460/793V	Power(kW)	86.25
60Hz 480/830V	Power(kW)	90.00
Speed(60Hz)	(r/min)	3516
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)	244.45
Tst/Tn (Times)	2
Tmax/Tn (Times)	2.3
Tmin/Tn (Times)	1.4
Ist/In (Times)	7.5
Bearings type(DE)	6314C3
Bearings type(NDE)	6314C3
Oil seals	95*70*10
Cable glands	2-M50*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)	93
Net weight(kg)	391.00
Moment of inertia (kg*m²)	0.389030000



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