

ALPHA



Technical Data Sheet

Model T1C 160M1-2

Housing material		Casting iron
Phase		Three
Frame size		160
Power(50Hz)	kW	11.00
Current(A)400V	Δ	20.83
Current(A)690V	Y	12.08
Speed(50Hz)	(r/min)	2910
Efficiency	IE1	
	Eff.100%	87.60
	Eff.75%	88.90
	Eff.50%	86.60
Power factor cosφ	100% load	0.87
60Hz 460/793V	Power(kW)	12.65
60Hz 480/830V	Power(kW)	13.20
Speed(60Hz)	(r/min)	3492
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)	36.10
Tst/Tn (Times)	2.2
Tmax/Tn (Times)	2.3
Tmin/Tn (Times)	1.4
Ist/In (Times)	7.5
Bearings type(DE)	6309C3
Bearings type(NDE)	6309C3
Oil seals	45*65*8
Cable glands	2-M32*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)	86
Net weight(kg)	111.00
Moment of inertia (kg*m²)	0.041500000



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