

ALPHA



Technical Data Sheet

Model T1C 280M-2

Housing material		Casting iron
Phase		Three
Frame size		280
Power(50Hz)	kW	90,00
Current(A)525V	Δ	118,25
Current(A)550V	Δ	112,87
Speed(50Hz)	(r/min)	2930
Efficiency	IE1	
	Eff.100%	93,00
	Eff.75%	92,80
	Eff.50%	90,90
Power factor cosφ	100% load	0,90
60Hz 600V	Power(kW)	104
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)	293,34
Tst/Tn (Times)	2
Tmax/Tn (Times)	2,3
Tmin/Tn (Times)	1,4
Ist/In (Times)	7,5
Bearings type(DE)	6316C3
Bearings type(NDE)	6316C3
Oil seals	80*100*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)	94
Net weight(kg)	572,00
Moment of inertia (kg*m²)	0,795390000



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