

ALPHA



Technical Data Sheet

Model T1C 280M-4

Housing material		Casting iron
Phase		Three
Frame size		280
Power(50Hz)	kW	90.00
Current(A)400V	Δ	155.20
Current(A)690V	Y	89.97
Speed(50Hz)	(r/min)	1480
Efficiency	IE1	
	Eff.100%	93.00
	Eff.75%	93.40
	Eff.50%	93.50
Power factor cosφ	100% load	0.90
60Hz 460/793V	Power(kW)	103.50
60Hz 480/830V	Power(kW)	108.00
Speed(60Hz)	(r/min)	1776
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)	580.74
Tst/Tn (Times)	2.2
Tmax/Tn (Times)	2.6
Tmin/Tn (Times)	1.3
Ist/In (Times)	8
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)	86
Net weight(kg)	620.00
Moment of inertia (kg*m²)	1.746070000



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