

ALPHA



Technical Data Sheet

Model T1C 180M-2

Housing material		Casting iron
Phase		Three
Frame size		180
Power(50Hz)	kW	22.00
Current(A)400V	Δ	39.69
Current(A)690V	Y	23.01
Speed(50Hz)	(r/min)	2920
Efficiency	IE1	
	Eff.100%	89.90
	Eff.75%	89.90
	Eff.50%	87.60
Power factor cosφ	100% load	0.89
60Hz 460/793V	Power(kW)	25.30
60Hz 480/830V	Power(kW)	26.40
Speed(60Hz)	(r/min)	3504
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)	71.95
Tst/Tn (Times)	2.2
Tmax/Tn (Times)	2.3
Tmin/Tn (Times)	1.4
Ist/In (Times)	7.5
Bearings type(DE)	6311C3
Bearings type(NDE)	6311C3
Oil seals	55*75*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)	89
Net weight(kg)	153.00
Moment of inertia (kg*m²)	0.081100000



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