

ALPHA



Technical Data Sheet

Model T1C 160M1-8

Housing material		Casting iron
Phase		Three
Frame size		160
Power(50Hz)	kW	7,50
Current(A)400V	Δ	16,98
Current(A)690V	Y	9,80
Speed(50Hz)	(r/min)	720
Efficiency	IE1	
	Eff.100%	85,00
	Eff.75%	82,80
	Eff.50%	79,50
Power factor cosφ	100% load	0,75
60Hz 460/793V	Power(kW)	8,63
60Hz 480/830V	Power(kW)	9,00
Speed(60Hz)	(r/min)	1170
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)	99,48
Tst/Tn (Times)	1,9
Tmax/Tn (Times)	2,1
Tmin/Tn (Times)	2,1
Ist/In (Times)	6
Bearings type(DE)	6309 C3
Bearings type(NDE)	6309 C3
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)	68
Net weight(kg)	136,00
Moment of inertia (kg*m²)	0,076200000



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