

ALPHA



Technical Data Sheet

Model T1C 160L-2

Housing material		Casting iron
Phase		Three
Frame size		160
Power(50Hz)	kW	11,00
Current(A)400V	Δ	24,50
Current(A)690V	Y	14,15
Speed(50Hz)	(r/min)	960
Efficiency	IE1	
	Eff.100%	86,40
	Eff.75%	86,70
	Eff.50%	84,40
Power factor cosφ	100% load	0,75
60Hz 460/793V	Power(kW)	12,65
60Hz 480/830V	Power(kW)	13,20
Speed(60Hz)	(r/min)	1152
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)	109,43
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)	73
Net weight(kg)	122,40
Moment of inertia (kg*m²)	0,064360000



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