

ALPHA



Technical Data Sheet

Model T1C 100L-2

Housing material		Casting iron
Phase		Three
Frame size		100
Power(50Hz)	kW	3.00
Current(A)400V	Δ	6.56
Current(A)690V	Y	3.80
Speed(50Hz)	(r/min)	2840
Efficiency	IE1	
	Eff.100%	81.50
	Eff.75%	82.80
	Eff.50%	80.10
Power factor cosφ	100% load	0.81
60Hz 460/793V	Power(kW)	3.45
60Hz 480/830V	Power(kW)	3.60
Speed(60Hz)	(r/min)	3408
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)	10.09
Tst/Tn (Times)	2.2
Tmax/Tn (Times)	2.3
Tmin/Tn (Times)	1.8
Ist/In (Times)	7.5
Bearings type(DE)	6206-2RZ
Bearings type(NDE)	6206-2RZ
Oil seals	30*44*7
Cable glands	1-M20*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)	76
Net weight(kg)	32.00
Moment of inertia (kg*m²)	0.003680000



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