

ALPHA



Technical Data Sheet

Model T1C 355L1-2

Housing material		Casting iron
Phase		Three
Frame size		355
Power(50Hz)	kW	280
Current(A)400V	Δ	477.71
Current(A)690V	Y	276.94
Speed(50Hz)	(r/min)	2945
Efficiency	IE1	
	Eff.100%	94.00
	Eff.75%	94.50
	Eff.50%	93.20
Power factor cosφ	100% load	0.90
60Hz 460/793V	Power(kW)	322.00
60Hz 480/830V	Power(kW)	336.00
Speed(60Hz)	(r/min)	3534
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)	907.98
Tst/Tn (Times)	1.6
Tmax/Tn (Times)	2.2
Tmin/Tn (Times)	1.3
Ist/In (Times)	7.1
Bearings type(DE)	6319C3
Bearings type(NDE)	6319C3
Oil seals	95*120*12
Cable glands	2-M63*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)	103
Net weight(kg)	1715.00
Moment of inertia (kg*m²)	3.479110000



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