

ALPHA



Technical Data Sheet

Model T1C 315L1-2

Housing material		Casting iron
Phase		Three
Frame size		315
Power(50Hz)	kW	160.00
Current(A)400V	Δ	273.56
Current(A)690V	Y	158.59
Speed(50Hz)	(r/min)	2945
Efficiency	IE1	
	Eff.100%	93.80
	Eff.75%	94.20
	Eff.50%	93.00
Power factor cosφ	100% load	0.90
60Hz 460/793V	Power(kW)	184.00
60Hz 480/830V	Power(kW)	192.00
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)	518.85
Tst/Tn (Times)	1.8
Tmax/Tn (Times)	2.2
Tmin/Tn (Times)	1.3
Ist/In (Times)	7.1
Bearings type(DE)	6317C3
Bearings type(NDE)	6317C3
Oil seals	85*110*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)	99
Net weight(kg)	1010.00
Moment of inertia (kg*m²)	1.711990000



Bearings & Seals
Chains & Sprockets
Electric Motors & Drives
Belts & Pulleys
Gearboxes & Couplings
Lubricants & Tools
Field Services

Tel: +27 11 899 0000
Email: info@bearings.co.za
www.bearings.co.za