

ALPHA



Technical Data Sheet

Model T1C 355L1-4

Housing material		Casting iron
Phase		Three
Frame size		355
Power(50Hz)	kW	280.00
Current(A)400V	Δ	483.08
Current(A)690V	Y	280.05
Speed(50Hz)	(r/min)	1480
Efficiency	IE1	
	Eff.100%	94.00
	Eff.75%	94.50
	Eff.50%	94.00
Power factor cosφ	100% load	0.89
60Hz 460/793V	Power(kW)	322.00
60Hz 480/830V	Power(kW)	336.00
Speed(60Hz)	(r/min)	1776
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)	1806.76
Tst/Tn (Times)	2
Tmax/Tn (Times)	2.3
Tmin/Tn (Times)	1.3
Ist/In (Times)	7
Bearings type(DE)	NU322
Bearings type(NDE)	6322C3
Oil seals	110*130*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)	101
Net weight(kg)	1650.00
Moment of inertia (kg*m²)	8.319270000



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