

ALPHA



Technical Data Sheet

Model T1C 225M-4

Housing material		Casting iron
Phase		Three
Frame size		225
Power(50Hz)	kW	45,00
Current(A)525V	Δ	61,33
Current(A)550V	Δ	58,54
Speed(50Hz)	(r/min)	1480
Efficiency	IE1	
	Eff.100%	91,70
	Eff.75%	92,60
	Eff.50%	91,00
Power factor cosφ	100% load	0,88
60Hz 600V	Power(kW)	52
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)	290,37
Tst/Tn (Times)	2,2
Tmax/Tn (Times)	2,6
Tmin/Tn (Times)	1,3
Ist/In (Times)	8
Bearings type(DE)	6313C3
Bearings type(NDE)	6313C3
Oil seals	65*90*10
Cable glands	2-M50*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)	81
Net weight(kg)	335,00
Moment of inertia (kg*m²)	0,579090000



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