

ALPHA



Technical Data Sheet

Model T1C 225M-2

Housing material		Casting iron
Phase		Three
Frame size		225
Power(50Hz)	kW	45.00
Current(A)400V	Δ	78.70
Current(A)690V	Y	45.62
Speed(50Hz)	(r/min)	2930
Efficiency	IE1	
	Eff.100%	91.70
	Eff.75%	91.40
	Eff.50%	89.70
Power factor cosφ	100% load	0.90
60Hz 460/793V	Power(kW)	51.75
60Hz 480/830V	Power(kW)	54.00
Speed(60Hz)	(r/min)	3516
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)	146.67
Tst/Tn (Times)	2
Tmax/Tn (Times)	2.3
Tmin/Tn (Times)	1.4
Ist/In (Times)	7.5
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)	92
Net weight(kg)	303.00
Moment of inertia (kg*m²)	0.241780000



- 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