

ALPHA



Technical Data Sheet

Model T1C 225M-6

Housing material		Casting iron
Phase		Three
Frame size		225
Power(50Hz)	kW	30,00
Current(A)400V	Δ	56,48
Current(A)690V	Y	32,61
Speed(50Hz)	(r/min)	975
Efficiency	IE1	
	Eff.100%	90,20
	Eff.75%	91,20
	Eff.50%	89,90
Power factor cosφ	100% load	0,85
60Hz 460/793V	Power(kW)	34,50
60Hz 480/830V	Power(kW)	36,00
Speed(60Hz)	(r/min)	1170
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)	293,85
Tst/Tn (Times)	2,3
Tmax/Tn (Times)	2,5
Tmin/Tn (Times)	2,5
Ist/In (Times)	7,5
Bearings type(DE)	6313 C3
Bearings type(NDE)	6313 C3
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)	76
Net weight(kg)	289,00
Moment of inertia (kg*m²)	0,556160000



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