

ALPHA



Technical Data Sheet

Model T1C 180L-6

Housing material		Casting iron
Phase		Three
Frame size		180
Power(50Hz)	kW	15,00
Current(A)525V	Δ	24,11
Current(A)550V	Δ	23,02
Speed(50Hz)	(r/min)	960
Efficiency	IE1	
	Eff.100%	87,70
	Eff.75%	89,10
	Eff.50%	87,80
Power factor cosφ	100% load	0,78
60Hz 600V	Power(kW)	17
Speed(60Hz)	(r/min)	1152
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)	149,22
Tst/Tn (Times)	2,3
Tmax/Tn (Times)	2,5
Tmin/Tn (Times)	1,5
Ist/In (Times)	7,5
Bearings type(DE)	6311C3
Bearings type(NDE)	6311C3
Oil seals	55*75*8
Cable glands	2-M32*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)	73
Net weight(kg)	161,50
Moment of inertia (kg*m²)	0,249360000



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