

ALPHA



Technical Data Sheet

Model T1C 90L-2

Housing material		Casting iron
Phase		Three
Frame size		90
Power(50Hz)	kW	2,20
Current(A)525V	Δ	3,84
Current(A)550V	Δ	3,67
Speed(50Hz)	(r/min)	2840
Efficiency	IE1	
	Eff.100%	79,70
	Eff.75%	80,90
	Eff.50%	78,80
Power factor cosφ	100% load	0,79
60Hz 600V	Power(kW)	3
Speed(60Hz)	(r/min)	3408
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)	7,40
Tst/Tn (Times)	2,2
Tmax/Tn (Times)	2,3
Tmin/Tn (Times)	1,8
Ist/In (Times)	7,5
Bearings type(DE)	6205-2RZ
Bearings type(NDE)	6205-2RZ
Oil seals	25*37*7
Cable glands	1-M20*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)	72
Net weight(kg)	22,00
Moment of inertia (kg*m²)	0,002390000



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Tel: +27 11 899 0000
Email: info@bearings.co.za
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