

ALPHA



Technical Data Sheet

Model T1C 100L-2

Housing material		Casting iron
Phase		Three
Frame size		100
Power(50Hz)	kW	1,50
Current(A)400V	Δ	7,45
Current(A)690V	Y	4,30
Speed(50Hz)	(r/min)	710
Efficiency	IE1	
	Eff.100%	74,00
	Eff.75%	73,20
	Eff.50%	68,80
Power factor cosφ	100% load	0,68
60Hz 460/793V	Power(kW)	1,73
60Hz 480/830V	Power(kW)	1,80
Speed(60Hz)	(r/min)	852
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)	20,18
Tst/Tn (Times)	2,2
Tmax/Tn (Times)	2,3
Tmin/Tn (Times)	1,8
Ist/In (Times)	4,2
Bearings type(DE)	6206-2RZ
Bearings type(NDE)	6206-2RZ
Oil seals	30*44*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)	61
Net weight(kg)	39,10
Moment of inertia (kg*m²)	0,003680000



- 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