

ALPHA



Technical Data Sheet

Model T1C 90S-2

Housing material		Casting iron
Phase		Three
Frame size		90
Power(50Hz)	kW	0,75
Current(A)400V	Δ	4,06
Current(A)690V	Y	2,34
Speed(50Hz)	(r/min)	935
Efficiency	IE1	
	Eff.100%	70,00
	Eff.75%	70,40
	Eff.50%	65,80
Power factor cosφ	100% load	0,66
60Hz 460/793V	Power(kW)	0,86
60Hz 480/830V	Power(kW)	0,90
Speed(60Hz)	(r/min)	1122
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)	7,66
Tst/Tn (Times)	2,2
Tmax/Tn (Times)	2,3
Tmin/Tn (Times)	1,8
Ist/In (Times)	5,5
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)	54
Net weight(kg)	15,00
Moment of inertia (kg*m²)	0,001840000



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