

ALPHA



Technical Data Sheet

Model T1C 90S-4

Housing material		Casting iron
Phase		Three
Frame size		90
Power(50Hz)	kW	1.10
Current(A)400V	Δ	2.82
Current(A)690V	Y	1.64
Speed(50Hz)	(r/min)	1430
Efficiency	IE1	
	Eff.100%	75.00
	Eff.75%	77.80
	Eff.50%	74.50
Power factor cosφ	100% load	0.75
60Hz 460/793V	Power(kW)	1.27
60Hz 480/830V	Power(kW)	1.32
Speed(60Hz)	(r/min)	1716
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)	7.35
Tst/Tn (Times)	2.3
Tmax/Tn (Times)	2.6
Tmin/Tn (Times)	2
Ist/In (Times)	6.5
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)	61
Net weight(kg)	18.00
Moment of inertia (kg*m²)	0.002380000



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