

ALPHA



Technical Data Sheet

Model T1C 90S-2

Housing material		Casting iron
Phase		Three
Frame size		90
Power(50Hz)	kW	1.50
Current(A)400V	Δ	3.79
Current(A)690V	Y	2.20
Speed(50Hz)	(r/min)	2840
Efficiency	IE1	
	Eff.100%	77.20
	Eff.75%	78.50
	Eff.50%	75.10
Power factor cosφ	100% load	0.74
60Hz 460/793V	Power(kW)	1.73
60Hz 480/830V	Power(kW)	1.80
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)	5.04
Tst/Tn (Times)	2.2
Tmax/Tn (Times)	2.3
Tmin/Tn (Times)	1.8
Ist/In (Times)	7
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)	18.50
Moment of inertia (kg*m²)	0.001840000



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