

ALPHA



Technical Data Sheet

Model T1C 315S-8

Housing material		Casting iron
Phase		Three
Frame size		315
Power(50Hz)	kW	55,00
Current(A)525V	Δ	80,47
Current(A)550V	Δ	76,81
Speed(50Hz)	(r/min)	740
Efficiency	IE1	
	Eff.100%	92,80
	Eff.75%	92,50
	Eff.50%	91,20
Power factor cosφ	100% load	0,81
60Hz 600V	Power(kW)	63
Speed(60Hz)	(r/min)	888
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)	709,80
Tst/Tn (Times)	1,8
Tmax/Tn (Times)	2
Tmin/Tn (Times)	1
Ist/In (Times)	6,6
Bearings type(DE)	NU319
Bearings type(NDE)	6317C3
Oil seals	95*120*12
Cable glands	2-M63*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)	82
Net weight(kg)	842,00
Moment of inertia (kg*m²)	3,893736952



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