



TEC ELECTRIC MOTORS LTD

Technical Data Sheet

Model		T4C 315S-4
Housing material		Casting iron
Phase		Three
Frame size		315
Power(50Hz)	kW	110.00
Current(A)400V	Δ	185.25
Current(A)690V	Y	107.39
Speed(50Hz)	(r/min)	1485
Service Factor		1.0
Efficiency	IE4	
	Eff.100%	96.30
	Eff.75%	96.30
	Eff.50%	95.90
Power factor cosφ	100% load	0.89
60Hz 460/793V	Power(kW)	126.50
60Hz 480/830V	Power(kW)	132.00
Speed(60Hz)	(r/min)	1782
Regulations		IEC / DIN / ISO / VDE / EN
Standard		IEC 60034
Ambient Temp.		-20°C ~ +40°C
Maximum altitute		1000 m above sea level

Rated torque(N.m)	707.70
Tst/Tn (Times)	1.8
Tmax/Tn (Times)	2.2
Tmin/Tn (Times)	1
Ist/In (Times)	8.5
LRC (A)400V	1574.62
LRC (A)690V	912.82
Bearings type(DE)	NU319
Bearings type(NDE)	6317C3
Cable glands	2-M63*1.5
Insulation class	F
Protection degree	IP 55
Thermal protection	3*PTC
Rotation direction	Clockwise
Service duty	S1
Balance	Half-key balanced
Cooling	IC 411
Noise dB(A)	80
Net weight(kg)	883.00
Moment of inertia (kg*m ²)	3.942637532