



T3C-IE3 315L1-6 110kW 400/690V 50Hz , . # TC3E6B1051TF01

**DATASHEET**

50Hz |

Frame type:	cast iron	Connection:	Δ/Y
Model:	T3C-IE3	Run Capacitor:	
Output:	110 kW	Start Capacitor:	
Rated voltage:	400/690V	Rotor voltage:	
Frame:	315 mm	Rotor connection:	
Poles:	6	Rotor current:	
Frequency:	50 Hz	No load current:	
Rated speed:	980 RPM	Insulation class:	F
Rated current:	203,6/118 A	Temp. rise:	80 K
Locked rotor current(Ia/In):	750%	Service factor:	1
Locked rotor torque(Ma/Mn):	200%	Duty:	S1
Breakdown torque(Ma/Mn):	230%	Amb. temp.:	-20~40 °C
Mounting:	B3	Altitude:	1000 m
Noise level:	85 dB	Protection:	IP55
Approx. weight:	1070 kg	Cooling:	IC411
Mom. of inertia:	5,53956 kg/m2	Vibration:	2,8 mm/s
Slip:	2%	Dir. rotation:	BOTH
Rated torque:	1071,4 Nm	Starting method:	DIRECT ON LINE
		Coupling:	DIRECT
		Load type:	PARABOLIC CURVE

**PERFORMANCE**

Output	50%	75%	100%
Efficiency(%):	95,4	94	95,1
Power factor:			0,82

**STANDARDS**

Specification:	IEC60034-1/GB755
Test:	IEC60034-2/GB/T1032
Noise	IEC60034-9/GB10069.3
Vibration:	IEC60034-14/GB10068

**BEARING**

	NDE	DE
Bearing	6319 C3	NU319 / 6319 C3
Regreasing int(h):	11800	5900 / 118
Grease amount(g):	55	55
Grease polyrexEM:	polyurea- based	polyurea- based

**ACCESSORIES**

PTC 150°C

There may be differences between rating plate and calculated values