



T3C-IE3 225M-6 30kW 400/690V 50Hz , . # TC3B6A3051TR01

DATASHEET

50Hz |

Frame type:	cast iron	Connection:	Δ/Y
Model:	T3C-IE3	Run Capacitor:	
Output:	30 kW	Start Capacitor:	
Rated voltage:	400/690V	Rotor voltage:	
Frame:	225 mm	Rotor connection:	
Poles:	6	Rotor current:	
Frequency:	50 Hz	No load current:	
Rated speed:	975 RPM	Insulation class:	F
Rated current:	52,97/30,7 A	Temp. rise:	80 K
Locked rotor current(Ia/In):	700%	Service factor:	1
Locked rotor torque(Ma/Mn):	180%	Duty:	S1
Breakdown torque(Ma/Mn):	220%	Amb. temp.:	-20~40 °C
Mounting:	B3	Altitude:	1000 m
Noise level:	76 dB	Protection:	IP55
Approx. weight:	339 kg	Cooling:	IC411
Mom. of inertia:	0,67058 kg/m ²	Vibration:	2,2 mm/s
Slip:	2,5%	Dir. rotation:	BOTH
Rated torque:	293,7 Nm	Starting method:	DIRECT ON LINE
		Coupling:	DIRECT
		Load type:	PARABOLIC CURVE

PERFORMANCE

Output	50%	75%	100%
Efficiency(%):	90,9	93,8	92,9
Power factor:			0,88

STANDARDS

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

BEARING

	NDE	DE
Bearing	6313 C3	6313 C3
Regreasing int(h):	22000	22000
Grease amount(g):	50	50
Grease polyrexEM:	polyurea-based	polyurea-based

ACCESSORIES

PTC 150°C

There may be differences between rating plate and calculated values