



T3C-IE3 355L1-4 280kW 400/690V 50Hz , . # TC3F4C8051TF01

DATASHEET

50Hz |

Frame type:	cast iron	Connection:	Δ/Y
Model:	T3C-IE3	Run Capacitor:	
Output:	280 kW	Start Capacitor:	
Rated voltage:	400/690V	Rotor voltage:	
Frame:	355 mm	Rotor connection:	
Poles:	4	Rotor current:	
Frequency:	50 Hz	No load current:	
Rated speed:	1480 RPM	Insulation class:	F
Rated current:	473,02/274,2 A	Temp. rise:	80 K
Locked rotor current(Ia/In):	800%	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:	101 dB	Protection:	IP55
Approx. weight:	1650 kg	Cooling:	IC411
Mom. of inertia:	8,31927 kg/m ²	Vibration:	2,8 mm/s
Slip:	1,3%	Dir. rotation:	BOTH
Rated torque:	1805,8 Nm	Starting method:	DIRECT ON LINE
		Coupling:	DIRECT
		Load type:	PARABOLIC CURVE

PERFORMANCE

Output	50%	75%	100%
Efficiency(%):	94,5	96,3	96
Power factor:			0,89

STANDARDS

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

BEARING

	NDE	DE
Bearing	6322 C3	NU322 / 6322 C3
Regreasing int(h):	5600	2800/5600
Grease amount(g):	70	70
Grease polyrexEM:	polyurea- based	polyurea- based

ACCESSORIES

PTC 150°C

There may be differences between rating plate and calculated values