



T3A-IE3 160L1-2 18,5kW 400/690V 50Hz , . # TB382A1851T001

DATASHEET

50Hz |

Frame type:	aluminium	Connection:	Δ/Y
Model:	T3A-IE3	Run Capacitor:	
Output:	18,5 kW	Start Capacitor:	
Rated voltage:	400/690V	Rotor voltage:	
Frame:	160 mm	Rotor connection:	
Poles:	2	Rotor current:	
Frequency:	50 Hz	No load current:	
Rated speed:	2950 RPM	Insulation class:	F
Rated current:	31,8/18,4 A	Temp. rise:	80 K
Locked rotor current(Ia/In):	910%	Service factor:	1
Locked rotor torque(Ma/Mn):	300%	Duty:	S1
Breakdown torque(Ma/Mn):	300%	Amb. temp.:	-20~40 °C
Mounting:	B3	Altitude:	1000 m
Noise level:	86 dB	Protection:	IP55
Approx. weight:	121 kg	Cooling:	IC411
Mom. of inertia:	0,0922518 kg/m2	Vibration:	2,2 mm/s
Slip:	1,7%	Dir. rotation:	BOTH
Rated torque:	59,9 Nm	Starting method:	DIRECT ON LINE
		Coupling:	DIRECT
		Load type:	PARABOLIC CURVE

PERFORMANCE

Output	50%	75%	100%
Efficiency(%):	91,8	92,8	92,4
Power factor:			0,91

STANDARDS

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

BEARING

Bearing	NDE	DE
	6209 2RZ	6309 2RZ
	C3	C3

Regreasing int(h):
 Grease amount(g):
 Grease polyrexEM:

ACCESSORIES

PTC 150°C

There may be differences between rating plate and calculated values