

DriveConfigurator

KA47/TDRN100LS4/TF

User options

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4 Summary

You have selected frequency inverter operation. Thermal class 155(F) and thermal motor protection /TF have been selected. Check the set motor voltage.

Technical data		
KA47/TDRN100LS4/TF		
Characteristic	Value	Unit
Rated motor speed	1450	1/min
Output speed	197	1/min
Overall gear ratio	7.36	
Output torque	106	Nm
Service factor SEW-FB	2.30	
Mounting position	M2B	
Base / top coat	7031 Blue gray (51370310)	
Position of connector/terminal box	90 °	
Cable entry/connector position	X	
Hollow shaft	35	mm
Permitted output overhung load with n=1400	3650	N
Lubricant quantity 1st gear unit	1.3	Liter
Motor power	2.2	kW
Duration factor	S1-100%	
Efficiency class	IE3	
Efficiency (50/75/100% Pn)	86.4 / 87.5 / 86.9	%
CE mark	Yes	
Motor voltage	230/400	V
Wiring diagram	R13	
Frequency	50	Hz
Rated current	8.3 / 4.75	A
Cos Phi	0.76	
Thermal class	155(F)	
Motor protection type	IP54	
Design requirement	IEC	
Motor mass moment of inertia	81.38	10 ⁻⁴ kgm ²
Net weight	45	Kg
Motor options		
Motor protection 3 TF temperature sensors (without trip device)		
Thermal class 155(F)		
Options 1st gear unit		
T- Torque arm for shaft mounted feature with fastening parts		



- Click "Complete" for the following functions:**
- CAD data
 - Technical documentation
 - Save as template
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Reference data

Your material number

Comment