AMA3-IE3 160L4 (B14L)

AMTECS

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SECTION A-A			
D E F G	H K LM LN LP LS LT AC AD HD L		TECS LTD
42 110 12 37	15 314 246 406 661	TITLE	
		AMA (B14	L)
This drawing serves only as	a sketch to show dimensions.	SIZE DWG NO	D REV
	iffer. A detailed description of the product can be found belo	W. SCALE 1 / 3	SHEET 1 OF 1
6 I		3 I 2	I 1
Specification	IEC 60034-1	Efficiency class	IE3
Manufacturer	AmTecs	Load data	100%
Motor type	AMA3-IE3 160L4	Efficiency	92.1 %
Rated power	15 kW S1 Duty	Power factor	0.82
Speed	1465 rpm	Sound pressure level (1m)	63 dB(A)
Voltage	400V / 690V	Resistance R20 (open)	
Frequency	50 Hz	Resistance R20 (Delta)	
Connection	Delta / Star	, , , , , , , , , , , , , , , , , , ,	
Full load current	28.6 A / 16.51 A	Full load torque	97.8 Nm
No-load current		Starting / Full load torque	1.8
Enclosure	IP55	Pull up / Full load torque	
Insulation class	F (temp. rise B)	Pull out / Full load torque	2.4
Max. ambient temp	40 °C	•	
Max. altitude	1000 mtr above sea level		
Comment			
Cable entry	M32 x 1.5	Starting / Full load current (DO	L) 6.8
Construction	Aluminium	Starting / Full load current (Y/D)
Weight	117 Kg	Rotor Inertia	
Type number		Bearing DE	6309
Warranty		Bearing NDE	6209
		AmTana List	
		AmTecs Ltd	

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