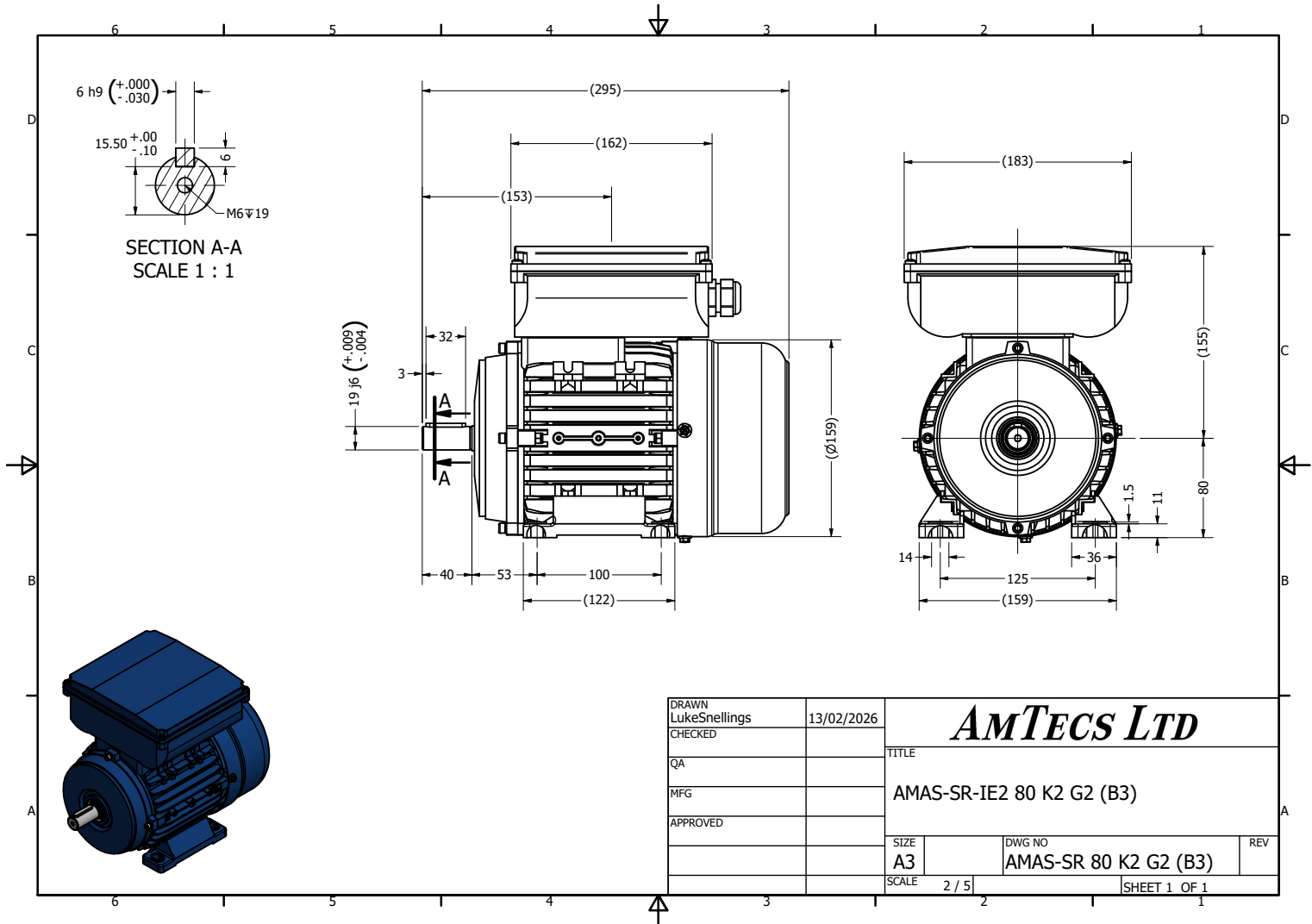




DRAWN LukeSnellings	13/02/2026	AMTECS LTD		
CHECKED		TITLE		
QA		AMAS-SR-IE2 80 K2 G2 (B3)		
MFG		DWG NO		
APPROVED		AMAS-SR 80 K2 G2 (B3)		
		SIZE	REV	
		A3		
		SCALE	2 / 5	SHEET 1 OF 1

Specification	IEC 60034-1
Manufacturer	AmTecs
Motor type	AMAS-SR-IE2 80 G2
Rated power	1.1 kW S1 Duty
Speed	2850 rpm
Voltage	220V
Frequency	50 Hz
Connection	Single Phase
Full load current	6.13 A
No-load current	
Enclosure	IP55
Insulation class	F (temp. rise B)
Max. ambient temp	40 °C
Max. altitude	1000 mtr above sea level
Comment	
Cable entry	M20x1.5
Construction	Aluminium
Weight	11.6 Kg
Type number	
Warranty	
Run Capacitor	30uf/450V
Start Capacitor	150uf/250V

Efficiency class	IE2
Load data	100% 75% 50% 25%
Efficiency	79.6%
Power factor	0.98
Sound pressure level (1m)	75 dB(A)
Resistance R20 (open)	
Resistance R20 (Delta)	
Full load torque	3.69 Nm
Starting / Full load torque	2.5
Pull up / Full load torque	
Pull out / Full load torque	1.8

Starting / Full load current (DOL)	
Starting / Full load current (Y/D)	
Rotor Inertia	
Bearing DE	6204
Bearing NDE	6203

Protection Device **Thermal Reset Switch**

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