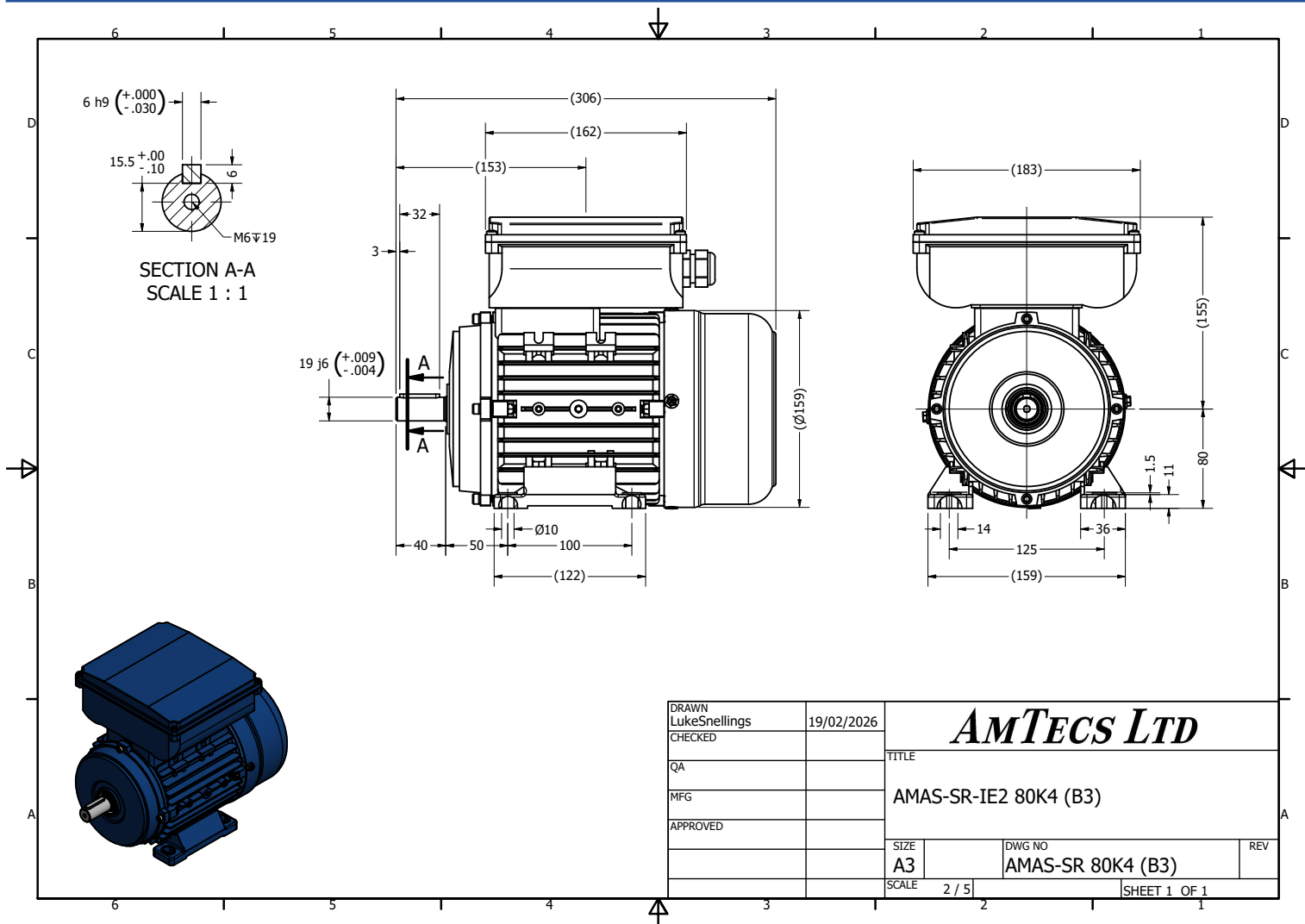




DRAWN LukeSnellings	19/02/2026	AMTECS LTD	
CHECKED		TITLE	
QA		AMAS-SR-IE2 80K4 (B3)	
MFG			
APPROVED			
		SIZE A3	DWG NO AMAS-SR 80K4 (B3)
		SCALE 2 / 5	REV
		SHEET 1 OF 1	

Specification	IEC 60034-1
Manufacturer	AmTecs
Motor type	AMAS-SR-IE2 80 K4
Rated power	0.55 kW S1 Duty
Speed	1400 rpm
Voltage	220V
Frequency	50 Hz
Connection	Single Phase
Full load current	3.3 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	M20 x 1.5
Construction	Aluminium
Weight	12.8 Kg
Type number	
Warranty	
Run Capacitor	20uf/450V
Start Capacitor	100uf/250V

Efficiency class	IE2
Load data	100% 75% 50% 25%
Efficiency	77.1%
Power factor	0.94
Sound pressure level (1m)	70 dB(A)
Resistance R20 (open)	
Resistance R20 (Delta)	
Full load torque	3.75 Nm
Starting / Full load torque	2.5
Pull up / Full load torque	
Pull out / Full load torque	1.7

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

6204
6203

Protection Device **Thermal Reset Switch**

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