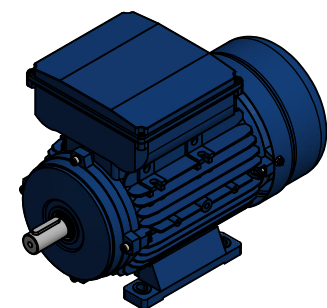
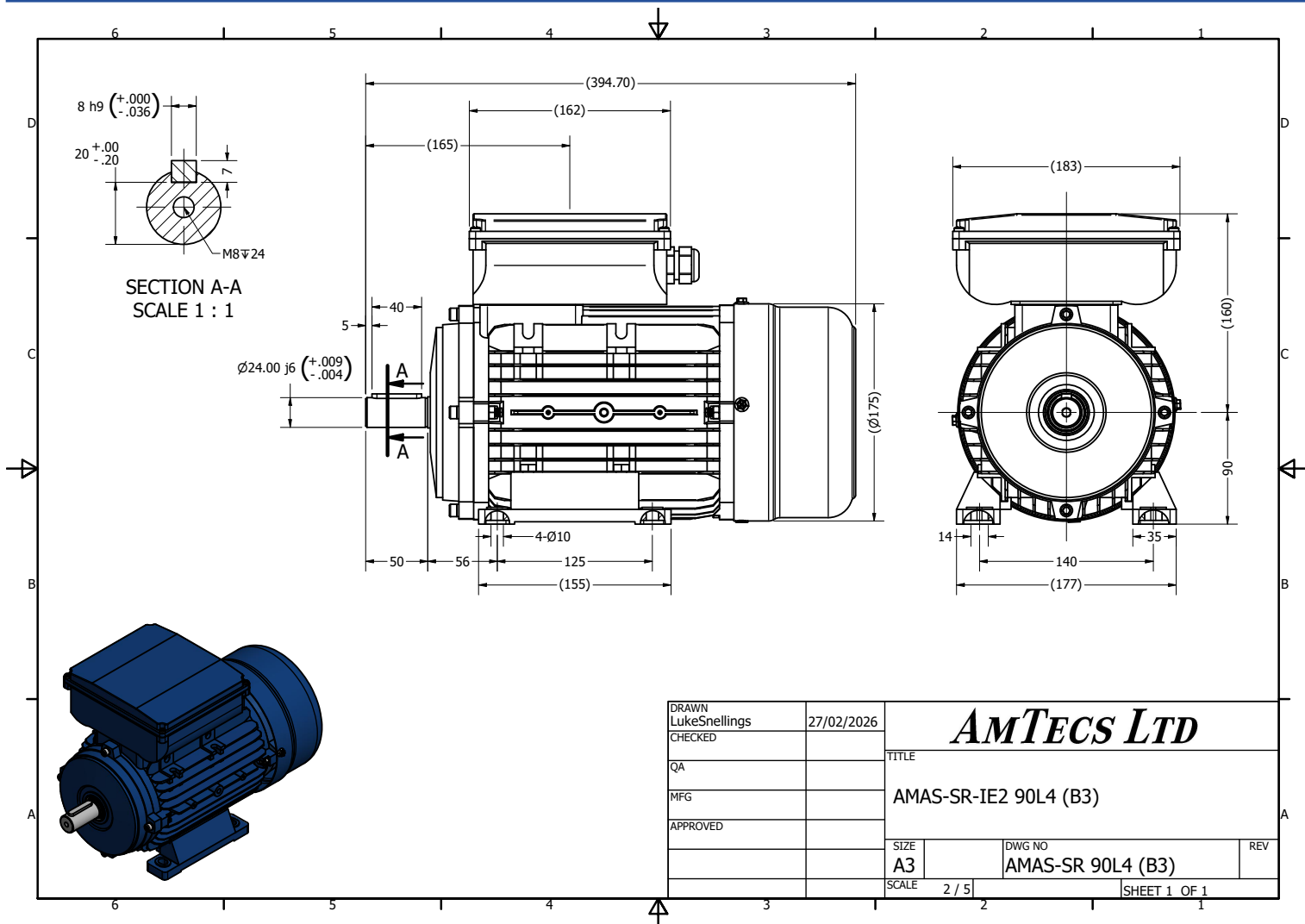




DRAWN LukeSnellings	27/02/2026	AMTECS LTD	
CHECKED		TITLE	
QA		AMAS-SR-IE2 90L4 (B3)	
MFG		REV	
APPROVED		DWG NO	
		SIZE A3	AMAS-SR 90L4 (B3)
		SCALE 2 / 5	SHEET 1 OF 1

Specification	IEC 60034-1
Manufacturer	AmTecs
Motor type	AMAS-SR-IE2 90 L4
Rated power	1.5 kW S1 Duty
Speed	1400 rpm
Voltage	220V
Frequency	50 Hz
Connection	Single Phase
Full load current	8.3 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	20.5 Kg
Type number	
Warranty	
Run Capacitor	40uf/450V
Start Capacitor	200uf/250V

Efficiency class	IE2
Load data	100% 75% 50% 25%
Efficiency	82.8%
Power factor	0.95
Sound pressure level (1m)	73 dB(A)
Resistance R20 (open)	
Resistance R20 (Delta)	
Full load torque	10.23 Nm
Starting / Full load torque	2.5
Pull up / Full load torque	
Pull out / Full load torque	2

Starting / Full load current (DOL)	
Starting / Full load current (Y/D)	
Rotor Inertia	
Bearing DE	6205
Bearing NDE	6203

Protection Device **Thermal Reset Switch**

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