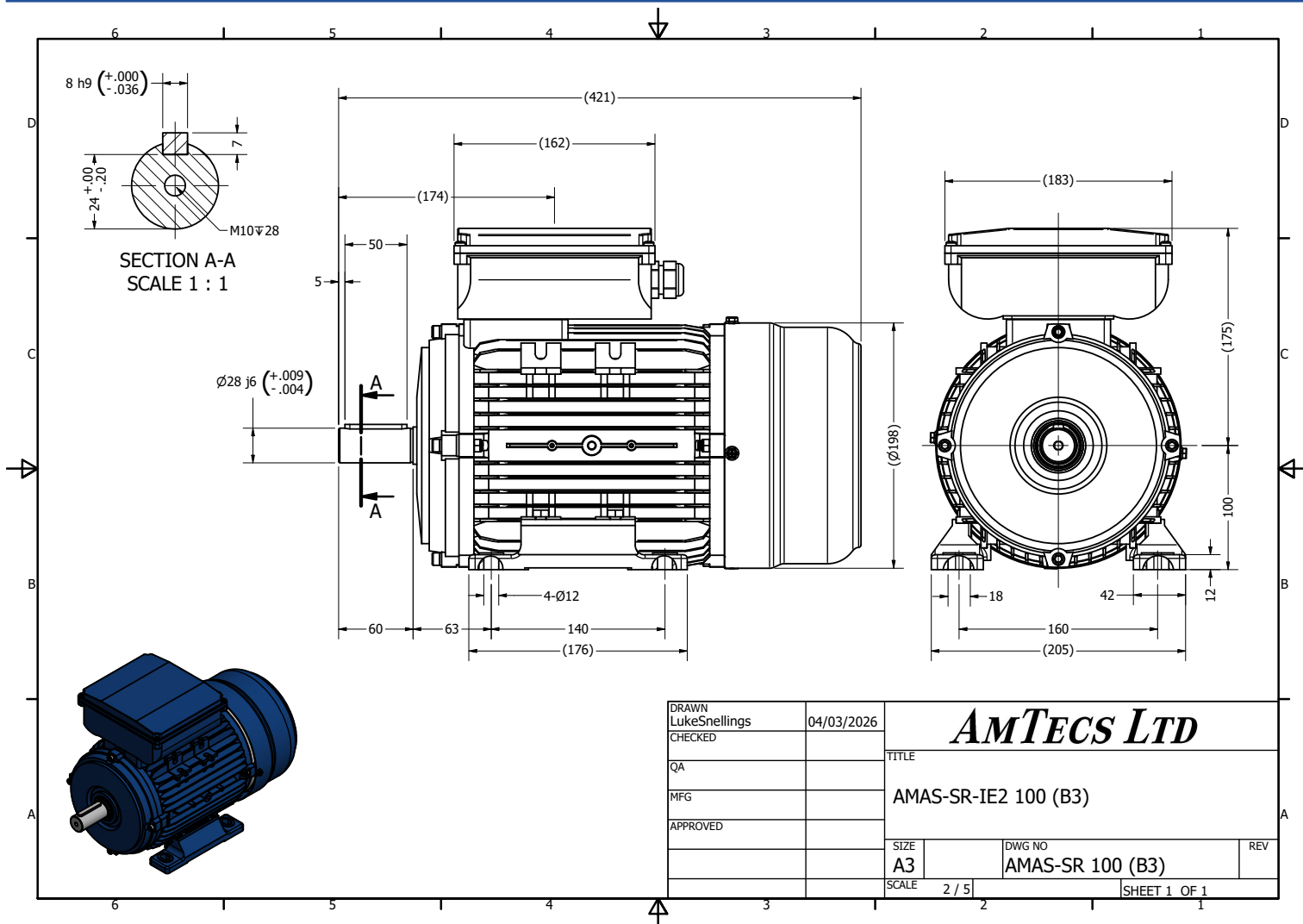




Specification	IEC 60034-1
Manufacturer	AmTecs
Motor type	AMAS-SR-IE2 100 LX4
Rated power	3 kW S1 Duty
Speed	1450 rpm
Voltage	220V
Frequency	50 Hz
Connection	Single Phase
Full load current	15.9 A
No-load current	
Enclosure	IP55
Insulation class	F (temp. rise B)
Max. ambient temp	40 °C
Max. altitude	1000 mtr above sea level
Comment	
Cable entry	M20 x 1.5
Construction	Aluminium
Weight	33.8 Kg
Type number	
Warranty	
Run Capacitor	60uf/450V
Start Capacitor	250uf/250V

Efficiency class	IE2
Load data	100% 75% 50% 25%
Efficiency	85.5%
Power factor	0.96
Sound pressure level (1m)	78 dB(A)
Resistance R20 (open)	
Resistance R20 (Delta)	
Full load torque	19.76 Nm
Starting / Full load torque	2.1
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	6206
Bearing NDE	6205

Protection Device Thermal Reset Switch

AmTecs Ltd	
Charnham Park, Hungerford	
Berkshire, RG17 0YT	
Tel: +44 (0) 1488 686970	sales@amtecs.co.uk
Fax: +44 (0) 1488 686968	www.amtecs.co.uk