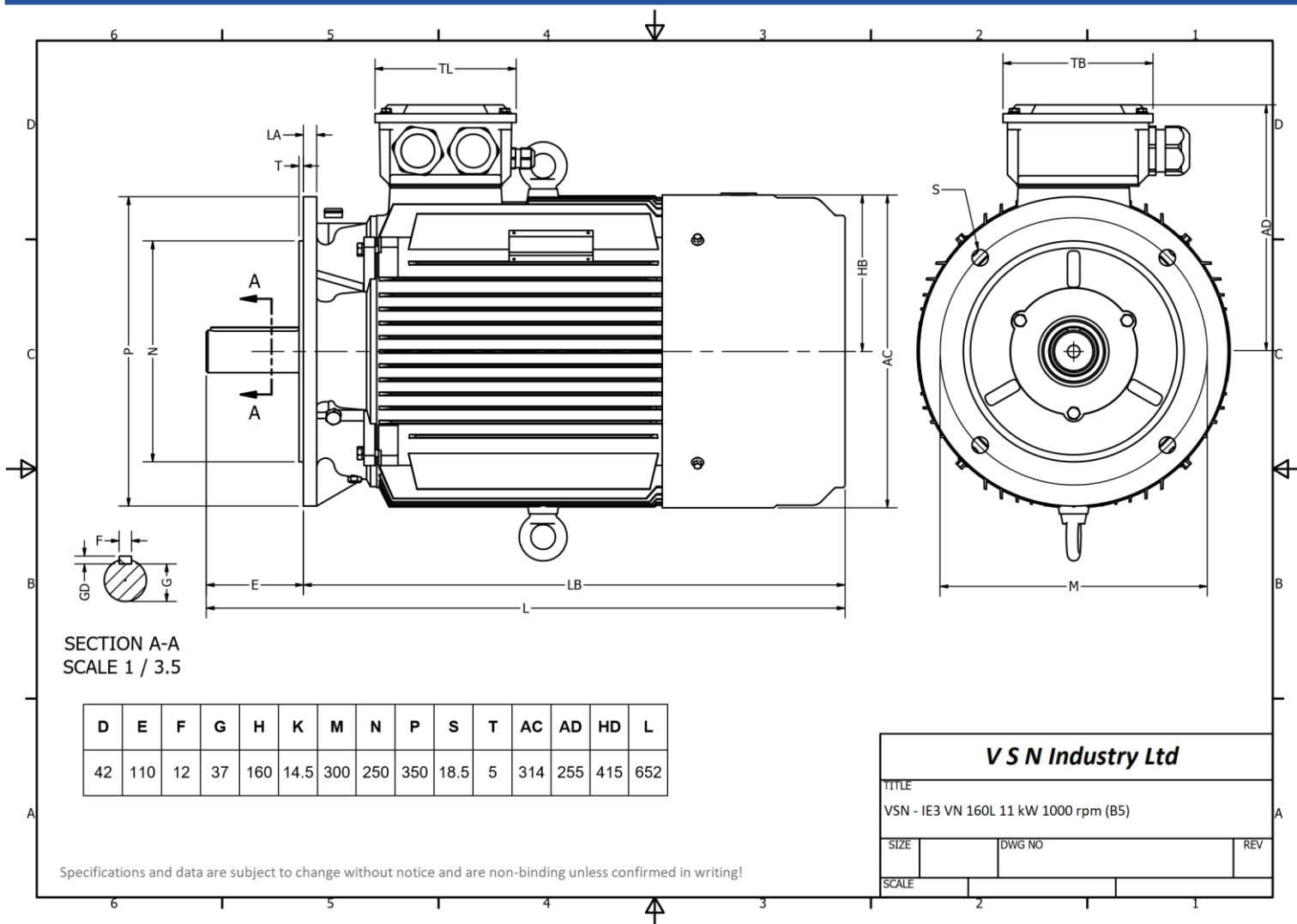




Standards	IEC 60034	Efficiency class	IE3
Manufacturer	V S N Industry Ltd	Load	100%
Brand	V S N Drive Systems	Efficiency	90.3%
Motor type	IE3 VN - 160L - 6	Power factor	0.80
Rated power	11 kW	Sound pressure level (1m)	70 db(A)
Rated speed	972 rpm	Resistance R20 (open)	
Duty	S1	Resistance R20 (Delta)	
Mounting	IM B5		
Voltage	400 V / 690 V	Full load torque	108.1 Nm
Frequency	50 Hz	Starting torque / Rated torque (Tst/Tn)	2.0
Connection	Delta / Star	Pull-up torque / Rated torque (Tmin/Tn)	
Full load current	21.98 A / 12.74 A	Maximum torque / Rated torque (Tmax/Tn)	2.1
No-load current			
Degree of protection	IP55		
Insulation class	F (temp. rise B)		
Max. ambient temp	40 °C	Starting current / Rated current (Ist/In), DOL	7.2
Max. altitude	1000 m above sea level	Starting current / Rated current (Ist/In), Y/D	
Cable entry	M20 x 1.5	Rotor inertia	
Frame material	Cast iron	Bearing DE	6309
Weight	121 kg	Bearing NDE	6309