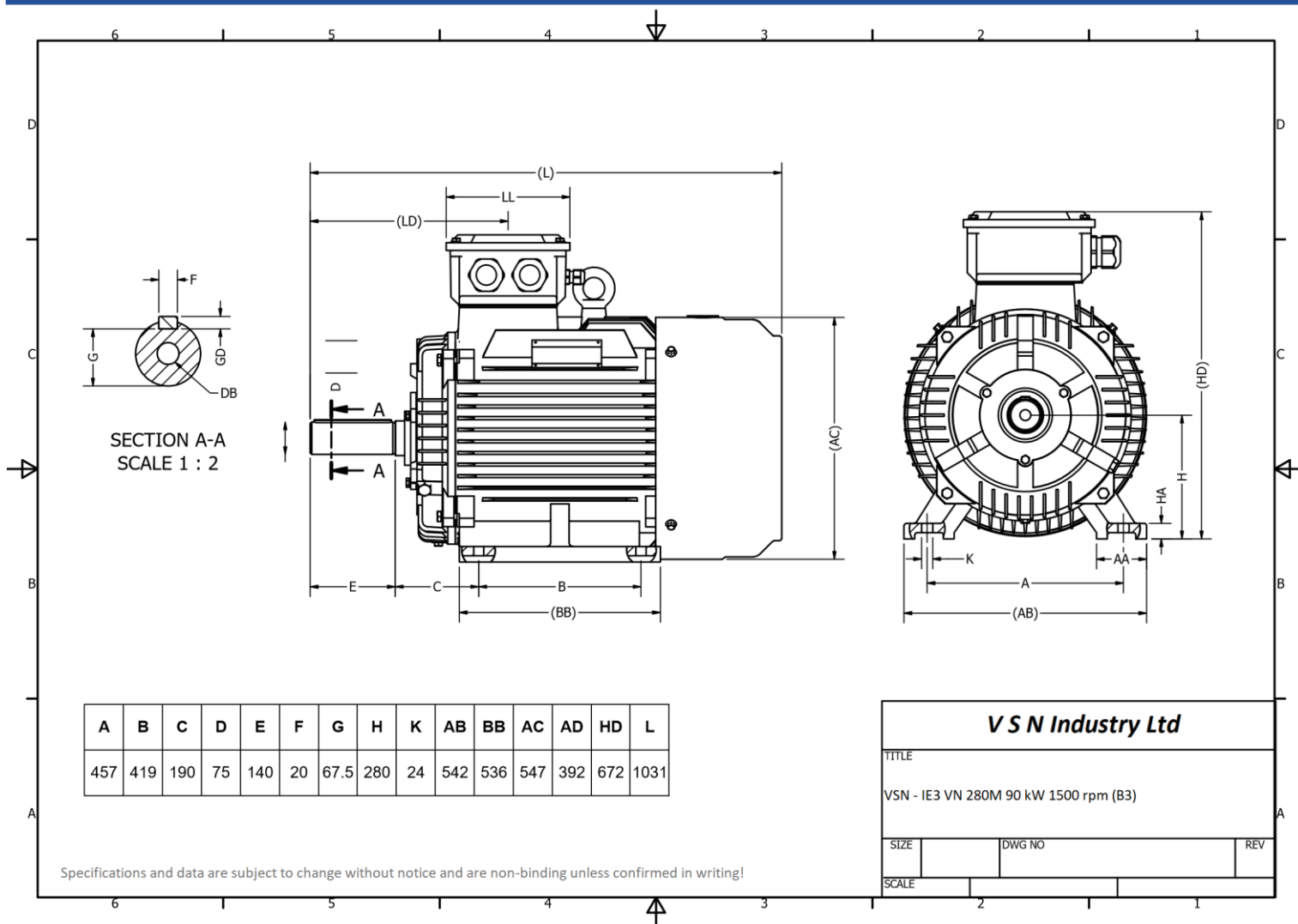




Standards	IEC 60034	Efficiency class	IE3
Manufacturer	V S N Industry Ltd	Load	100%
Brand	V S N Drive Systems	Efficiency	95.2%
Motor type	IE3 VN - 280M - 4	Power factor	0.88
Rated power	90 kW	Sound pressure level (1m)	80 db(A)
Rated speed	1490 rpm	Resistance R20 (open)	
Duty	S1	Resistance R20 (Delta)	
Mounting	IM B3		
Voltage	400 V / 690 V	Full load torque	576.8 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	155.06 A / 89.89 A	Maximum torque / Rated torque (Tmax/Tn)	2.3
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	6.9
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	6317
Weight	555 kg	Bearing NDE	6314