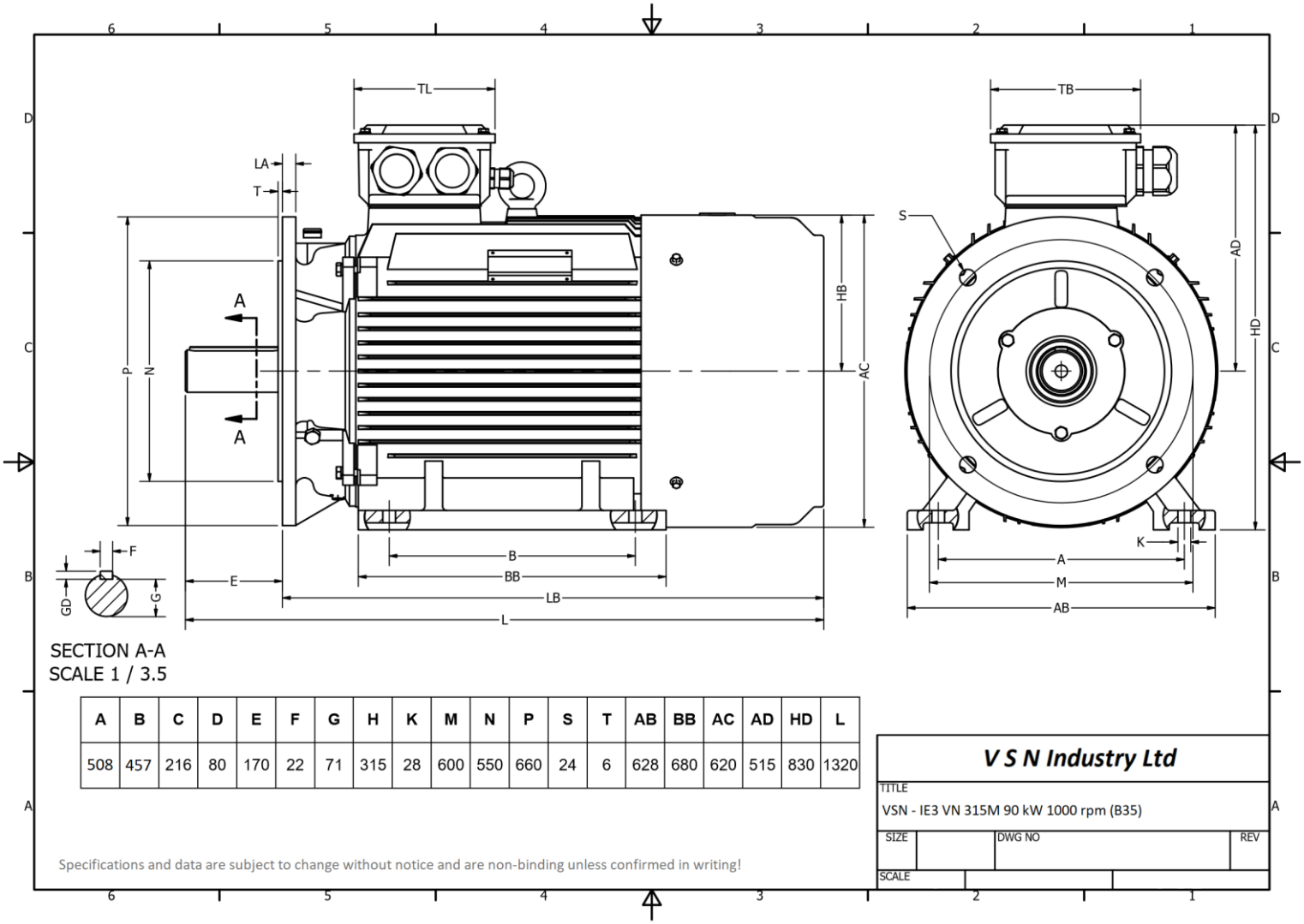


A	B	C	D	E	F	G	H	K	M	N	P	S	T	AB	BB	AC	AD	HD	L
508	457	216	80	170	22	71	315	28	600	550	660	24	6	628	680	620	515	830	1320

V S N Industry Ltd

TITLE: VSN - IE3 VN 315M 90 kW 1000 rpm (B35)

SIZE | DWG NO | REV

SCALE

Specifications and data are subject to change without notice and are non-binding unless confirmed in writing!

Standards	IEC 60034	**Efficiency class**	IE3
Manufacturer	V S N Industry Ltd	**Load**	100%
Brand	V S N Drive Systems	**Efficiency**	94.9%
Motor type	IE3 VN - 315M - 6	**Power factor**	0.85
Rated power	90 kW	**Sound pressure level (1m)**	83 db(A)
Rated speed	990 rpm	**Resistance R20 (open)**	
Duty	S1	**Resistance R20 (Delta)**	
Mounting	IM B35		
Voltage	400 V / 690 V	**Full load torque**	868.2 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	161.04 A / 93.36 A	**Maximum torque / Rated torque (Tmax/Tn)**	2.0
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**	6.7
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**	6319
Weight	855 kg	**Bearing NDE**	6319