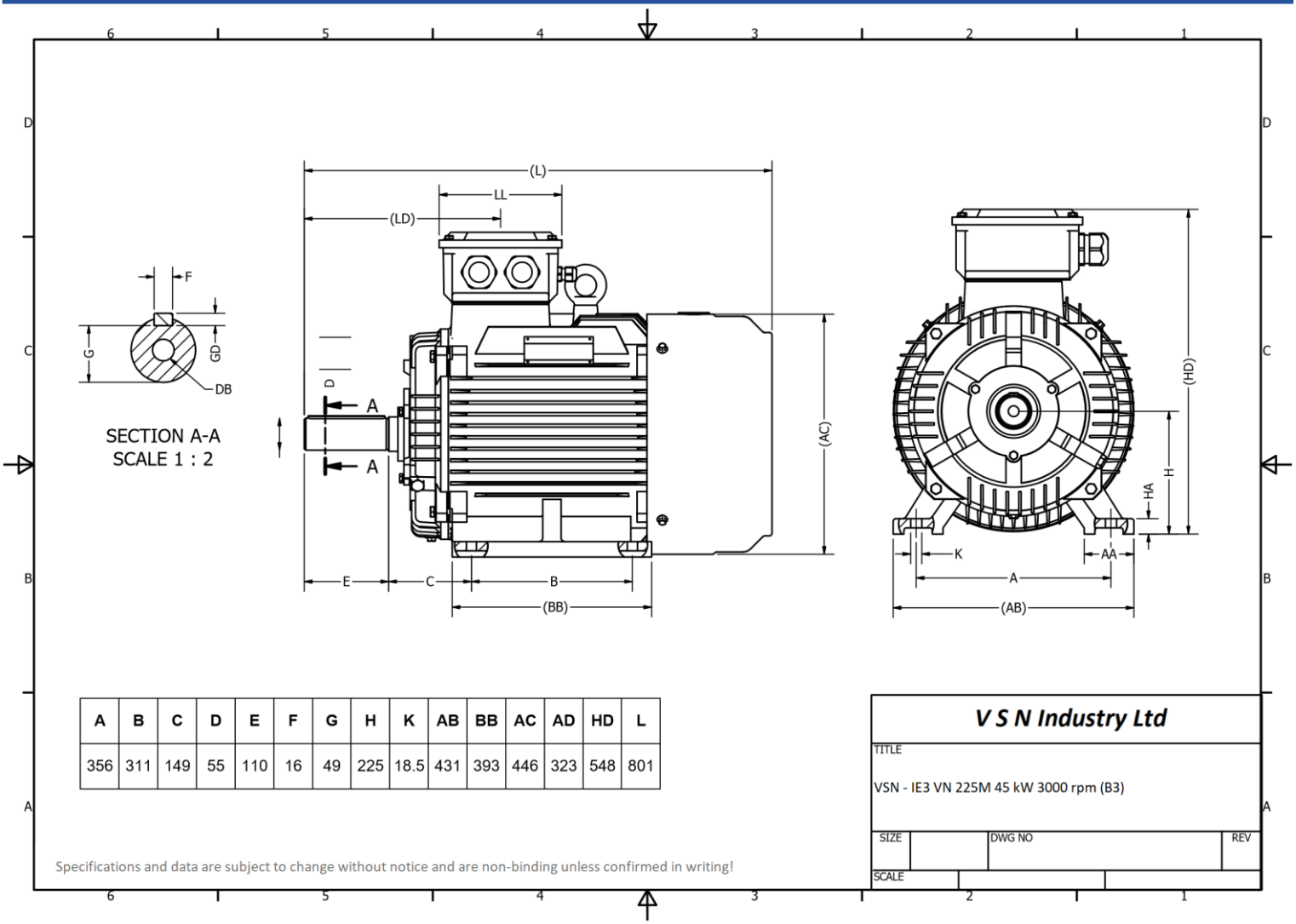



| A | B | C | D | E | F | G | H | K | AB | BB | AC | AD | HD | L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 356 | 311 | 149 | 55 | 110 | 16 | 49 | 225 | 18.5 | 431 | 393 | 446 | 323 | 548 | 801 |

| | | | |
|---|---|---|---|
| **Standards** | IEC 60034 | **Efficiency class** | IE3 |
| **Manufacturer** | V S N Industry Ltd | **Load** | 100% |
| **Brand** | V S N Drive Systems | **Efficiency** | 94% |
| **Motor type** | IE3 VN - 225M - 2 | **Power factor** | 0.9 |
| **Rated power** | 45 kW | **Sound pressure level (1m)** | 86 db(A) |
| **Rated speed** | 2975 rpm | **Resistance R20 (open)** | |
| **Duty** | S1 | **Resistance R20 (Delta)** | |
| **Mounting** | IM B3 | | |
| **Voltage** | 400 V / 690 V | **Full load torque** | 144.5 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** | 76.78 A / 44.51 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** | 7.7 |
| **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** | 6313 |
| **Weight** | 304 kg | **Bearing NDE** | 6312 |