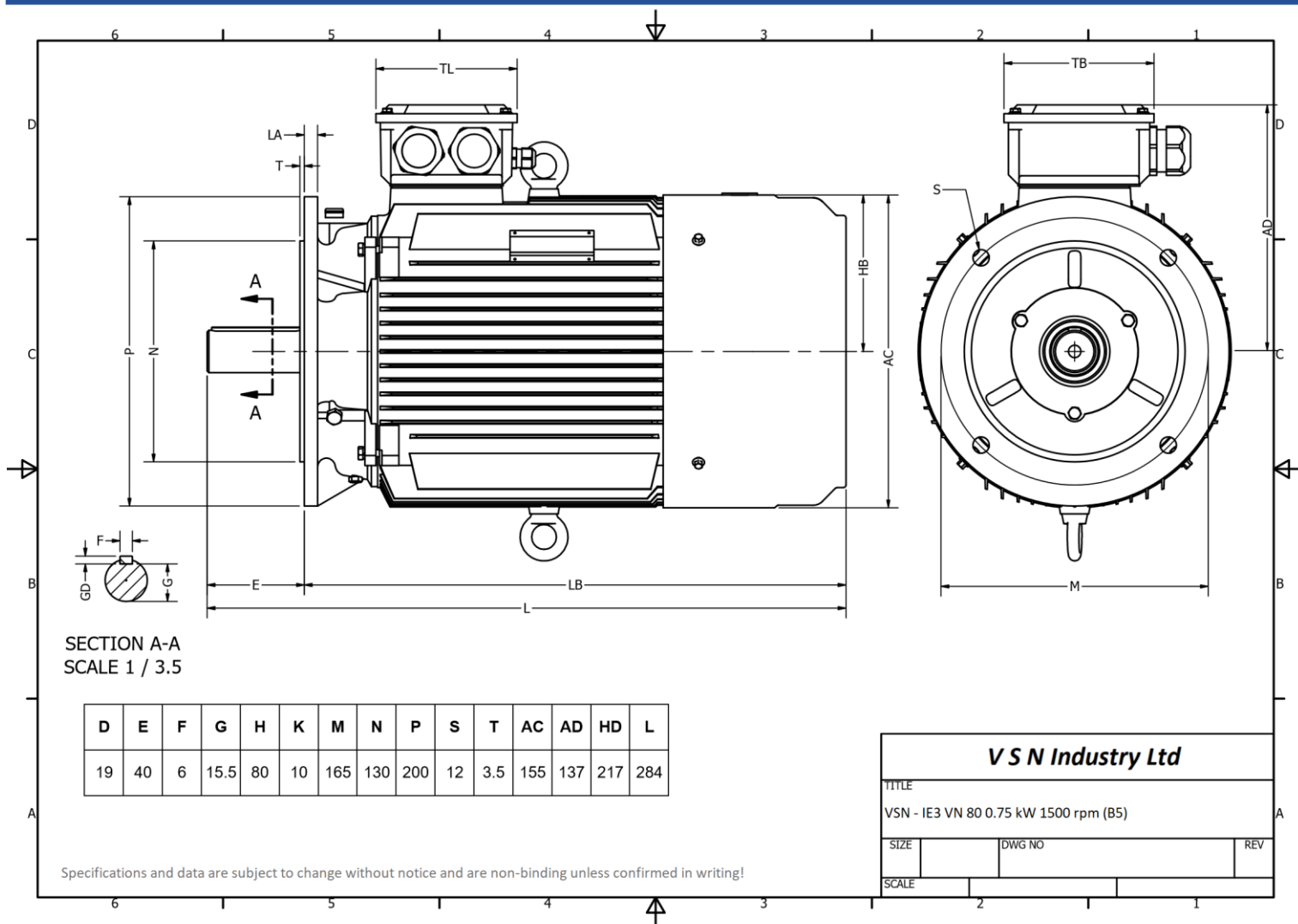




| V S N Industry Ltd                    |        |     |
|---------------------------------------|--------|-----|
| TITLE                                 |        |     |
| VSN - IE3 VN 80 0.75 kW 1500 rpm (B5) |        |     |
| SIZE                                  | DWG NO | REV |
| SCALE                                 |        |     |

|                             |                        |                                                       |          |
|-----------------------------|------------------------|-------------------------------------------------------|----------|
| <b>Standards</b>            | IEC 60034              | <b>Efficiency class</b>                               | IE3      |
| <b>Manufacturer</b>         | V S N Industry Ltd     | <b>Load</b>                                           | 100%     |
| <b>Brand</b>                | V S N Drive Systems    | <b>Efficiency</b>                                     | 82.5%    |
| <b>Motor type</b>           | IE3 VN - 80M2 - 4      | <b>Power factor</b>                                   | 0.75     |
| <b>Rated power</b>          | 0.75 kW                | <b>Sound pressure level (1m)</b>                      | 56 db(A) |
| <b>Rated speed</b>          | 1450 rpm               | <b>Resistance R20 (open)</b>                          |          |
| <b>Duty</b>                 | S1                     | <b>Resistance R20 (Delta)</b>                         |          |
| <b>Mounting</b>             | IM B5                  |                                                       |          |
| <b>Voltage</b>              | 230 V / 400 V          | <b>Full load torque</b>                               | 4.9 Nm   |
| <b>Frequency</b>            | 50 Hz                  | <b>Starting torque / Rated torque (Tst/Tn)</b>        | 2.3      |
| <b>Connection</b>           | Delta / Star           | <b>Pull-up torque / Rated torque (Tmin/Tn)</b>        |          |
| <b>Full load current</b>    | 3.04 A / 1.75 A        | <b>Maximum torque / Rated torque (Tmax/Tn)</b>        | 2.3      |
| <b>No-load current</b>      |                        |                                                       |          |
| <b>Degree of protection</b> | IP55                   |                                                       |          |
| <b>Insulation class</b>     | F (temp. rise B)       |                                                       |          |
| <b>Max. ambient temp</b>    | 40 °C                  | <b>Starting current / Rated current (Ist/In), DOL</b> | 6.6      |
| <b>Max. altitude</b>        | 1000 m above sea level | <b>Starting current / Rated current (Ist/In), Y/D</b> |          |
| <b>Cable entry</b>          | M20 x 1.5              | <b>Rotor inertia</b>                                  |          |
| <b>Frame material</b>       | Cast iron              | <b>Bearing DE</b>                                     | 6204     |
| <b>Weight</b>               | 13 kg                  | <b>Bearing NDE</b>                                    | 6204     |