| н  | GE               |                               |         |                      |   |                      | R                        |          | 2.2 KV    | V-6           | Р        |  |
|--|------------------|-------------------------------|---------|----------------------|---|----------------------|--------------------------|----------|-----------|---------------|----------|--|
| MODEL: 103HV8GRBL CUSTOMER :                             |                  |                               |         | SUE                  |   |                      | REV. N                   | 0·       |           |               |          |  |
| APPLICATION: PROJECT NAME:                               |                  |                               |         |                      |   | QUANT                |                          |          | SETS      |               |          |  |
|  |                  | RAL DATA                      | W UVIE. |                      |   | -                    | PERFOR                   |          |           |               | JEI C    |  |
| FRAME NO.  |                  | 112M                          |         | OUTPUT               |   | 2.2 kW               |                          |          |           |               |          |  |
|  |                  |                               |         | POLES                |   |                      |                          | 6 POLES  |           |               |          |  |
| ENCLOSURE  |                  |                               |         | ROTOR TYPE           |   |                      | SQUIRREL CAGE            |          |           |               |          |  |
|  |                  | Increased Safety Expproof     |         |                      |   |                      | ✓ D.O.L                  |          |           |               |          |  |
| PROTECTION   |                  | IP 44                         |         | STARTING METHOD      |   |                      |                          |          |           |               |          |  |
| METHODS OF COOLING                                       |                  | SC J FC                       |         |                      |   |                      |                          |          |           |               |          |  |
| PHASE  |                  | 3 PHASE                       |         | RATED VOLTAGE        |   |                      | 440                      | V        | V         | ١             |          |  |
| SERVICE FACTOR   |                  | 1.0                           |         | FREQUENCY            |   |                      |                          | 60       |           | Hz            |          |  |
| INSULATION CLASS   |                  | F CLASS                       |         | CURRENT              |   |                      |                          |          |           |               |          |  |
| TEMP. RISE AT FULL LOAD (at                              |                  |                               |         | NO LOAD              |   |                      |                          |          | А         | А             | ļ        |  |
| RES. METHOD  |                  | 95                            |         | FULL LOAD            |   |                      | 4.8                      | Α        | А         | ŀ             |          |  |
| THERMO. METHOD   |                  |                               |         | STARTING             |   |                      | 31.2                     | A        | A         | 4             |          |  |
| LOCATION   |                  |                               |         | EFFICIENCY           |   |                      |                          | <u> </u> | I         |               | <u> </u> |  |
| ALTITUDE   |                  | 1000 m                        |         | AT 1/2 LOAD          |   |                      | %                        |          |           |               |          |  |
| HUMIDITY   |                  | 80 %                          |         | AT 3/4 LOAD          |   |                      |                          | %        |           |               |          |  |
| AMBIENT TEMPERATURE                                      |                  | -10~50                        |         | AT FULL LOAD         |   |                      |                          | 81.0 %   |           |               |          |  |
| RATING   |                  | CONT. 860                     |         | POWER FACTOR         |   |                      |                          |          |           |               |          |  |
| NEMA DESIGN  |                  | B                             |         | AT 1/2 LOAD          |   |                      |                          |          | %         |               |          |  |
| MOUNTING   |                  | ✓ B3 ☐ B5 ☐ V1 ☐ B3B5         |         | AT 3/4 LOAD          |   |                      |                          |          | %         |               |          |  |
| BEARING TYPE   |                  | BALL                          |         | AT FULL LOAD         |   |                      |                          | 7        | 8.0       | %             |          |  |
|  | DE\N-DE          | 6206ZZ/6206Z                  | 7Z      | SPEE                 | ED (AT FL   | JLL LOAD)            |                          | 1        | 140       | rpm           |          |  |
|  | LUBRICANT        | GREASE                        |         | TOR                  |   | ,                    |                          | <u> </u> |           |               |          |  |
| COUPLING METHOD  |                  | ☑ DIRECT                      |         | FULL LOAD            |   | 1                    | .9                       | kg-m     | 100%      |               |          |  |
| ROTATION(Facing Drive End)                               |                  | ✓ CW ✓ CCW                    |         | LOCKED ROTOR         |   |                      | 3                        | 8.6      | kg-m      | 190%          |          |  |
| SHAFT  |                  |                               |         | BREAKDOWN            |   |                      | 4                        | .1       | kg-m      | 220%          |          |  |
| EXTENSION  |                  | SINGLE                        |         | NOISE LEVEL          |   |                      | (                        | 63       | dB(A)     |               |          |  |
| EXTERNAL THRUST  |                  |                               |         | VIBRATION            |   |                      | 30.0 μm                  |          |           |               |          |  |
| TERMINAL BOX   |                  |                               |         | ALLO                 | WABLE   | _OAD GD <sup>2</sup> | REFERRE                  | D TO MC  | TOR SHA   |               |          |  |
| MAIN   |                  | STEEL AL CAST                 |         | (AT DIRECT ON-LINE)  |   |                      | 29.3 kg-m <sup>2</sup>   |          |           |               |          |  |
| AUX.   |                  | YES VIO                       |         | Motor $GD^2$         |   |                      | 0.0580 kg-m <sup>2</sup> |          |           |               |          |  |
| BOX LOCATION   |                  | RIGHT (Viewed from Drive end) |         | MOTOR APPROX. WEIGHT |   |                      | HT                       | 50 kg    |           |               |          |  |
| APPLICATION STANDARDS                                    |                  | KS.IEC                        |         | PAINTING MUNSELL NO. |   |                      | 7.1B4.0/0.9              |          |           |               |          |  |
|  |                  |                               |         |                      |   | THICKNESS            |                          |          |           |               | μm       |  |
|  | ACCESSOR         | ES (OPTIONAL)                 |         |                      |   |                      |                          |          |           | <b>F</b> **** |          |  |
|  |                  |                               |         |                      |   |                      |                          |          |           |               |          |  |
|  |                  |                               |         |                      |   |                      |                          |          |           |               |          |  |
|  |                  |                               |         |                      |   |                      |                          |          |           |               |          |  |
|  |                  |                               |         |                      |   |                      |                          |          |           |               |          |  |
| NOTE   1. THESE DATA ARE ONLY DESIGN VALUES AND SHALL BE |                  |                               |         |                      | REMARKS   1. ABOVE ALL DATA ARE CALCULATED AT 100% VOLTAGE. |                      |                          |          |           |               |          |  |
| GUARANTEE  | O WITH TOLERANC  | E OF APPLICATION STAND        | ARDS.   |                      |   |                      |                          |          |           |               |          |  |
| 2. OTHERS NOT  | MENTIONED IN TH  | IIS SHEET SHALL BE            |         |                      |   |                      |                          |          |           |               |          |  |
| IN ACCORDA   | NCE WITH HIGEN S | TANDARD.                      |         |                      |   |                      |                          |          |           |               |          |  |
| ΤΕ · ΤΟΤΛΙΙ Χ  | ENCLOSED         | DP : DRIP PROOF               |         | DATE PREP            |   | PREPA                | RED                      | CHECKE   | D AF      | PROVED        |          |  |
| IL . IUTALLI   |                  | SC : SELF COOLED              |         | 2009-03-25           |   |                      | A.R.LEE H.J.KIN          |          | 1 H.J.KIM |               |          |  |