



# INDUCTION MOTOR DATA SHEET

|                               |  |                 |           |      |                      |                   |               |       |      |   |  |
|-------------------------------|--|-----------------|-----------|------|----------------------|-------------------|---------------|-------|------|---|--|
| SHEET 1 OF 1                  |  |                 | CUSTOMER  |      |                      |                   | PROJECT#      |       |      |   |  |
| FOR PROPOSAL                  |  |                 | MODEL NO. |      | STANDARD             |                   | ITEM NO.      |       |      |   |  |
| SERVICE :                     |  |                 | JOB NO.   |      |                      |                   | QUANTITY      |       |      |   |  |
| GENERAL DATA                  |  |                 |           |      | PERFORMANCE DATA     |                   |               |       |      |   |  |
| FRAME NO.                     |  | 80M             |           |      | OUTPUT               |                   | 1/2           |       | HP   |   |  |
| TYPE                          |  |                 |           |      |                      |                   | 400           |       | W    |   |  |
| ENCLOSURE                     |  | TEFC            |           |      | POLES                |                   | 4             |       | P    |   |  |
| COOLING METHOD                |  | FAN             |           |      | ROTOR TYPE           |                   | SQUIRREL CAGE |       |      |   |  |
| FREQUENCY (HZ)                |  | 60HZ            |           |      | STARTING METHOD      |                   | DOL           |       |      |   |  |
| PHASE                         |  | 1               |           |      |                      |                   |               |       |      |   |  |
| INSULATION CLASS              |  | B               |           |      | VOLTAGE              |                   | 220           |       | V    |   |  |
| TEMPERATURE RISE AT FULL LOAD |  |                 |           |      | NO LOAD CURRENT      |                   | 0.90          |       | A    |   |  |
| RES. METHOD                   |  | 80              |           | °C   |                      | FULL LOAD CURRENT |               | 2.53  |      | A |  |
| THERMO. METHOD                |  |                 |           | °C   |                      | STARTING CURRENT  |               | 14.30 |      | A |  |
| LOCATION                      |  | INDOOR          |           |      |                      |                   |               |       |      |   |  |
| ALTITUDE                      |  | 1000            |           | M 이하 |                      | EFFICIENCY        |               |       |      |   |  |
| HUMIDITY                      |  | 85              |           | %    |                      |                   |               |       |      |   |  |
| AMBIENT TEMPERATURE           |  | -15 ~ 40 °C     |           |      |                      |                   |               |       |      |   |  |
| RATING                        |  | S1              |           |      |                      |                   |               |       |      |   |  |
| MOUNTING                      |  | BASE            |           |      |                      |                   |               |       |      |   |  |
| BEARING TYPE                  |  | BALL            |           |      | POWER FACTOR         |                   |               |       |      |   |  |
| UNLOAD/LOAD BRG .NO           |  | 6203ZZ / 6204ZZ |           |      |                      |                   |               |       |      |   |  |
| BEARING LUBRICATION           |  | GREASE          |           |      |                      |                   |               |       |      |   |  |
| PROTECTION GRADE              |  | IP54            |           |      |                      |                   |               |       |      |   |  |
| SERVICE FACTOR                |  | 1.0             |           |      |                      |                   |               |       |      |   |  |
| ROTATION DIRECTION            |  |                 |           |      | SPEED (AT FULL LOAD) |                   | 1700          |       | RPM  |   |  |
| CONDENSOR                     |  |                 |           |      | TORQUE               |                   |               |       |      |   |  |
| START                         |  | 220V/75uF       |           |      |                      |                   |               |       |      |   |  |
| RUN                           |  | 400V/17uF       |           |      |                      |                   |               |       |      |   |  |
| ACCESSORIES (OPTIONAL)        |  |                 |           |      |                      |                   |               |       |      |   |  |
| TEMPERATURE DETECTOR          |  | NO              |           |      | FULL LOAD            |                   | 0.230         |       | kg-m |   |  |
| SPACE HEATER                  |  | NO              |           |      | LOCKED ROTOR         |                   | 0.580         |       | kg-m |   |  |
| SLIDE BASE                    |  | NO              |           |      | BREAKDOWN            |                   | 0.410         |       | kg-m |   |  |
|                               |  |                 |           |      | PAINTING             |                   | GRAY          |       |      |   |  |
|                               |  |                 |           |      |                      |                   |               |       |      |   |  |
|                               |  |                 |           |      |                      |                   |               |       |      |   |  |

REMARKS

|           |          |
|-----------|----------|
| DATE      | APPROVED |
| 01.JAN.20 |          |