



# 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.                     |  | 160M            |           |      | OUTPUT               |                   |          | 15            |       | HP  |       |   |   |  |
| TYPE                          |  | B3, B5          |           |      |                      |                   |          | 11000         |       | W   |       |   |   |  |
| ENCLOSURE                     |  | TEFC            |           |      | POLES                |                   |          | 4             |       | P   |       |   |   |  |
| COOLING METHOD                |  | FAN             |           |      | ROTOR TYPE           |                   |          | SQUIRREL CAGE |       |     |       |   |   |  |
| FREQUENCY (HZ)                |  | 60HZ            |           |      | STARTING METHOD      |                   |          | DOL           |       |     |       |   |   |  |
| PHASE                         |  | 3               |           |      |                      |                   |          |               |       |     |       |   |   |  |
| INSULATION CLASS              |  | F               |           |      | VOLTAGE              |                   |          | 220           |       | 380 |       | V |   |  |
| TEMPERATURE RISE AT FULL LOAD |  |                 |           |      | NO LOAD CURRENT      |                   |          | 16.4          |       | 9.5 |       | A |   |  |
| RES. METHOD                   |  | 105             |           | °C   |                      | FULL LOAD CURRENT |          |               | 38.0  |     | 22.0  |   | A |  |
| THERMO. METHOD                |  |                 |           | °C   |                      | STARTING CURRENT  |          |               | 285.0 |     | 165.0 |   | A |  |
| LOCATION                      |  | OUTDOOR         |           |      |                      |                   |          |               |       |     |       |   |   |  |
| 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           |  | 6308ZZ / 6309ZZ |           |      |                      |                   |          |               |       |     |       |   |   |  |
| BEARING LUBRICATION           |  | GREASE          |           |      |                      |                   |          |               |       |     |       |   |   |  |
| PROTECTION GRADE              |  | IP55            |           |      |                      |                   |          |               |       |     |       |   |   |  |
| SERVICE FACTOR                |  | 1.1             |           |      |                      |                   |          |               |       |     |       |   |   |  |
| ROTATION DIRECTION            |  |                 |           |      | SPEED (AT FULL LOAD) |                   |          | 1770          |       | RPM |       |   |   |  |
| CONDENSOR                     |  |                 |           |      |                      |                   |          |               |       |     |       |   |   |  |
| STARTING                      |  | N/A             |           |      | TORQUE               |                   |          |               |       |     |       |   |   |  |
| RUN                           |  | N/A             |           |      |                      |                   |          |               |       |     |       |   |   |  |
| FULL LOAD                     |  | 6.05            |           | kg-m |                      |                   |          |               |       |     |       |   |   |  |
| LOCKED ROTOR                  |  | 16.6            |           | kg-m |                      |                   |          |               |       |     |       |   |   |  |
| ACCESSORIES (OPTIONAL)        |  |                 |           |      | BREAKDOWN            |                   | 18.9     |               | kg-m  |     |       |   |   |  |
| TEMPERATURE DETECTOR          |  | NO              |           |      |                      |                   |          |               |       |     |       |   |   |  |
| SPACE HEATER                  |  | NO              |           |      |                      |                   |          |               |       |     |       |   |   |  |
| SLIDE BASE                    |  | NO              |           |      | PAINTING             |                   |          | GRAY          |       |     |       |   |   |  |
|                               |  |                 |           |      |                      |                   |          |               |       |     |       |   |   |  |
|                               |  |                 |           |      |                      |                   |          |               |       |     |       |   |   |  |

REMARKS

|                |          |
|----------------|----------|
| DATE           | APPROVED |
| 2021.<br>01.01 | T.G.KIM  |