



# INDUCTION MOTOR DATA SHEET

|              |           |          |
|--------------|-----------|----------|
| SHEET 1 OF 1 | CUSTOMER  | PROJECT# |
| FOR PROPOSAL | MODEL NO. | STANDARD |
| SERVICE :    | JOB NO.   | QUANTITY |

| GENERAL DATA                  |                      |      |    | PERFORMANCE DATA     |               |      |   |
|-------------------------------|----------------------|------|----|----------------------|---------------|------|---|
| FRAME NO.                     | 63M                  |      |    | OUTPUT               | 1/4           | HP   |   |
| TYPE                          | B3                   |      |    |                      | 200           | W    |   |
| ENCLOSURE                     | TEFC                 |      |    | POLES                | 4             | P    |   |
| COOLING METHOD                | FAN                  |      |    | ROTOR TYPE           | SQUIRREL CAGE |      |   |
| FREQUENCY (HZ)                | 60HZ                 |      |    | STARTING METHOD      | DOL           |      |   |
| PHASE                         | 3                    |      |    |                      | 50HZ          | 60HZ |   |
| INSULATION CLASS              | B                    |      |    | VOLTAGE              | 220/380       |      | V |
| TEMPERATURE RISE AT FULL LOAD |                      |      |    | NO LOAD CURRENT      | 0.90          | 0.50 | A |
|                               | RES. METHOD          | 80   | °C | FULL LOAD CURRENT    | 1.16          | 0.67 | A |
|                               | THERMO. METHOD       |      | °C | STARTING CURRENT     | 3.80          | 2.20 | A |
| LOCATION                      | OUTDOOR              |      |    |                      |               |      |   |
| ALTITUDE                      | 1000                 | M 이하 |    | EFFICIENCY           |               |      |   |
| HUMIDITY                      | 85                   | %    |    | AT 1/2 LOAD          | 52.0          | %    |   |
| AMBIENT TEMPERATURE           | -15 ~ 40 °C          |      |    | AT 3/4 LOAD          | 58.0          | %    |   |
| RATING                        | S1                   |      |    | AT FULL LOAD         | 64.0          | %    |   |
| MOUNTING                      | BASE                 |      |    |                      |               |      |   |
| BEARING TYPE                  | BALL                 |      |    | POWER FACTOR         |               |      |   |
| UNLOAD/LOAD BRG .NO           | 6202ZZ / 6202ZZ      |      |    | AT 1/2 LOAD          | 59.0          | %    |   |
| BEARING LUBRICATION           | GREASE               |      |    | AT 3/4 LOAD          | 70.0          | %    |   |
| PROTECTION GRADE              | IP54                 |      |    | AT FULL LOAD         | 78.0          | %    |   |
| SERVICE FACTOR                | 1.0                  |      |    |                      |               |      |   |
| ROTATION DIRECTION            |                      |      |    | SPEED (AT FULL LOAD) | 1630          | RPM  |   |
| CONDENSOR                     |                      |      |    | TORQUE               |               |      |   |
|                               | STARTING             | N/A  |    | FULL LOAD            | 0.119         | kg-m |   |
|                               | RUN                  | N/A  |    | LOCKED ROTOR         | 0.290         | kg-m |   |
| ACCESSORIES (OPTIONAL)        |                      |      |    | BREAKDOWN            | 0.378         | kg-m |   |
|                               | TEMPERATURE DETECTOR | NO   |    |                      |               |      |   |
|                               | SPACE HEATER         | NO   |    |                      |               |      |   |
|                               | SLIDE BASE           | NO   |    | PAINING              | GRAY          |      |   |
|                               |                      |      |    |                      |               |      |   |
|                               |                      |      |    |                      |               |      |   |

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| REMARKS |  | DATE      | APPROVED |
|         |  | 01.JAN.20 |          |