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|-----------------------------------------------------------------------------------|--|----------------------|----------------------------|-------------------------------------------------------------------------------------------------------|----------|-----------------------------------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|
|  |  |                      | INDUCTION MOTOR DATA SHEET |                                                                                                       |          |                                                                                                                 |          |                                                                                       |
| SHEET 1 OF 1                                                                      |  |                      | CUSTOMER                   |                                                                                                       |          |                                                                                                                 | PROJECT# |                                                                                       |
| FOR PROPOSAL                                                                      |  |                      | MODEL NO.                  |                                                                                                       | IKM-022P |                                                                                                                 | ITEM NO. |                                                                                       |
| EFFICIENCY CLASS : IE1 (STANDARD)                                                 |  |                      | JOB NO.                    |                                                                                                       |          |                                                                                                                 | QUANTITY |                                                                                       |
| GENERAL DATA                                                                      |  |                      |                            | PERFORMANCE DATA                                                                                      |          |                                                                                                                 |          |                                                                                       |
| FRAME NO.                                                                         |  | 63M                  |                            | OUTPUT                                                                                                |          | 0.25                                                                                                            |          | HP                                                                                    |
| TYPE                                                                              |  | B3                   |                            |                                                                                                       |          | 0.2                                                                                                             |          | KW                                                                                    |
| ENCLOSURE                                                                         |  | TOTALLY ENCLOSED     |                            | POLES                                                                                                 |          | 2                                                                                                               |          | P                                                                                     |
| COOLING METHOD                                                                    |  | FC                   |                            | ROTOR TYPE                                                                                            |          | SQUIRREL CAGE                                                                                                   |          |                                                                                       |
| FREQUENCY (HZ)                                                                    |  | 50/60 HZ             |                            | STARTING METHOD                                                                                       |          | DOL                                                                                                             |          |                                                                                       |
| PHASE                                                                             |  | 3 PHASE              |                            |                                                                                                       |          |                                                                                                                 |          |                                                                                       |
| INSULATION CLASS                                                                  |  | F CLASS              |                            | VOLTAGE                                                                                               |          | 220/380                                                                                                         |          | V                                                                                     |
| TEMPERTURE RISE AT FULL LOAD                                                      |  |                      |                            | NO LOAD CURRENT                                                                                       |          | 0.48/0.28//0.43/0.25                                                                                            |          | A                                                                                     |
|                                                                                   |  | RES. METHOD          | 80 deg                     | FULL LOAD CURRENT                                                                                     |          | 0.99/0.57//0.90/0.52                                                                                            |          | A                                                                                     |
|                                                                                   |  | THERMO. METHOD       | ℃                          | STARTING CURRENT                                                                                      |          | 5.6/3.2//4.9/2.8                                                                                                |          | A                                                                                     |
| LOCATION                                                                          |  | INDOOR               |                            |                                                                                                       |          |                                                                                                                 |          |                                                                                       |
| ALTITUDE                                                                          |  | 1000 m               |                            | EFFICIENCY<br>AT 1/2 LOAD      —      %<br>AT 3/4 LOAD      —      %<br>AT FULL LOAD      65.6      % |          |                                                                                                                 |          |                                                                                       |
| HUMIDITY                                                                          |  | 80%                  |                            |                                                                                                       |          |                                                                                                                 |          |                                                                                       |
| AMBIENT TEMPERATURE                                                               |  | - 10~40 ℃            |                            |                                                                                                       |          |                                                                                                                 |          |                                                                                       |
| RATING                                                                            |  | CONT.                |                            |                                                                                                       |          |                                                                                                                 |          |                                                                                       |
| MOUNTING                                                                          |  | B3                   |                            |                                                                                                       |          |                                                                                                                 |          |                                                                                       |
| BEARING TYPE                                                                      |  | BALL / BALL          |                            | POWER FACTOR                                                                                          |          |                                                                                                                 |          |                                                                                       |
| LOAD/UNLOAD BRG.NO                                                                |  | 6202ZZ / 6202ZZ      |                            | AT 1/2 LOAD      —      %<br>AT 3/4 LOAD      —      %<br>AT FULL LOAD      89.1      %               |          |                                                                                                                 |          |                                                                                       |
| BEARING LUBRICATION                                                               |  | GREASE               |                            |                                                                                                       |          |                                                                                                                 |          |                                                                                       |
| PROTECTION GRADE                                                                  |  | IP 55                |                            |                                                                                                       |          |                                                                                                                 |          |                                                                                       |
| SERVICE FACTOR                                                                    |  | 1.15                 |                            |                                                                                                       |          |                                                                                                                 |          |                                                                                       |
|                                                                                   |  |                      |                            | SPEED (AT FULL LOAD)                                                                                  |          | 2830/3400                                                                                                       |          | RPM                                                                                   |
| CONDENSER                                                                         |  |                      |                            |                                                                                                       |          |                                                                                                                 |          |                                                                                       |
|                                                                                   |  | START                |                            | —                                                                                                     |          | TORQUE<br>FULL LOAD      0.057      kg-m<br>LOCKED ROTOR      0.141      kg-m<br>BREAKDOWN      0.174      kg-m |          |                                                                                       |
|                                                                                   |  | RUN                  |                            | —                                                                                                     |          |                                                                                                                 |          |                                                                                       |
| ACCESSORIES (OPTIONAL)                                                            |  |                      |                            |                                                                                                       |          |                                                                                                                 |          |                                                                                       |
|                                                                                   |  | TEMPERATURE DETECTOR | —                          |                                                                                                       |          |                                                                                                                 |          |                                                                                       |
|                                                                                   |  | SPACE HEATER         | —                          |                                                                                                       |          |                                                                                                                 |          |                                                                                       |
|                                                                                   |  | SLIDE BASE           | —                          | NOISE LEVEL                                                                                           |          | 66                                                                                                              |          | Db (A)                                                                                |
|                                                                                   |  |                      |                            | MOTOR APPROX. WEIGHT                                                                                  |          | 4.4                                                                                                             |          | KG                                                                                    |
|                                                                                   |  |                      |                            | PAINTING                                                                                              |          | 5Y                                                                                                              |          |                                                                                       |
| REMARKS                                                                           |  |                      |                            |                                                                                                       |          |                                                                                                                 |          |                                                                                       |
| TEFC:Totally Enclosed FanCooled                                                   |  |                      |                            | DATE                                                                                                  |          | PREPD BY                                                                                                        |          | CHKD BY                                                                               |
|                                                                                   |  |                      |                            | 2024-03-22                                                                                            |          |                             |          |  |
|                                                                                   |  |                      |                            |                                                                                                       |          | APPRD BY                                                                                                        |          |  |