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|-----------------------------------------------------------------------------------|----------------------|----------------------------|----------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |                      | INDUCTION MOTOR DATA SHEET |                      |                                                                                      |                                                                                       |
| SHEET 1 OF 1                                                                      |                      | CUSTOMER                   |                      |                                                                                      | PROJECT#                                                                              |
| FOR PROPOSAL                                                                      |                      | MODEL NO.                  | IKM-1102P            |                                                                                      | ITEM NO.                                                                              |
| EFFICIENCY CLASS : IE3 (PREMIUM)                                                  |                      | JOB NO.                    |                      |                                                                                      | QUANTITY                                                                              |
| GENERAL DATA                                                                      |                      |                            | PERFORMANCE DATA     |                                                                                      |                                                                                       |
| FRAME NO.                                                                         | 132M                 |                            | OUTPUT               | 15                                                                                   | HP                                                                                    |
| TYPE                                                                              | B3                   |                            |                      | 11                                                                                   | KW                                                                                    |
| ENCLOSURE                                                                         | TOTALLY ENCLOSED     |                            | POLES                | 2                                                                                    | P                                                                                     |
| COOLING METHOD                                                                    | FC                   |                            | ROTOR TYPE           | SQUIRREL CAGE                                                                        |                                                                                       |
| FREQUENCY (HZ)                                                                    | 60 HZ                |                            | STARTING METHOD      | Y-Δ                                                                                  |                                                                                       |
| PHASE                                                                             | 3 PHASE              |                            |                      |                                                                                      |                                                                                       |
| INSULATION CLASS                                                                  | F CLASS              |                            | VOLTAGE              | 380                                                                                  | V                                                                                     |
| TEMPERTURE RISE AT FULL LOAD                                                      |                      |                            | NO LOAD CURRENT      | -                                                                                    | A                                                                                     |
|                                                                                   | RES. METHOD          | 80 deg                     | FULL LOAD CURRENT    | 21.5                                                                                 | A                                                                                     |
|                                                                                   | THERMO. METHOD       | ℃                          | STARTING CURRENT     | 132.89                                                                               | A                                                                                     |
| LOCATION                                                                          | INDOOR               |                            |                      |                                                                                      |                                                                                       |
| ALTITUDE                                                                          | 1000 m               |                            | EFFICIENCY           |                                                                                      |                                                                                       |
| HUMIDITY                                                                          | 80%                  |                            |                      | AT 1/2 LOAD                                                                          | 90.4 %                                                                                |
| AMBIENT TEMPERATURE                                                               | - 10~40 ℃            |                            |                      | AT 3/4 LOAD                                                                          | 91.2 %                                                                                |
| RATING                                                                            | CONT.                |                            |                      | AT FULL LOAD                                                                         | 91 %                                                                                  |
| MOUNTING                                                                          | B3                   |                            |                      |                                                                                      |                                                                                       |
| BEARING TYPE                                                                      | BALL / BALL          |                            | POWER FACTOR         |                                                                                      |                                                                                       |
| LOAD/UNLOAD BRG.NO                                                                | 6309ZZ / 6308ZZ      |                            |                      | AT 1/2 LOAD                                                                          | 71.6 %                                                                                |
| BEARING LUBRICATION                                                               | GREASE               |                            |                      | AT 3/4 LOAD                                                                          | 80.8 %                                                                                |
| PROTECTION GRADE                                                                  | IP 55                |                            |                      | AT FULL LOAD                                                                         | 85.3 %                                                                                |
| SERVICE FACTOR                                                                    | 1.15                 |                            |                      |                                                                                      |                                                                                       |
|                                                                                   |                      |                            | SPEED (AT FULL LOAD) | 3520                                                                                 | RPM                                                                                   |
| CONDENSER                                                                         |                      |                            |                      |                                                                                      |                                                                                       |
|                                                                                   | START                | -                          | TORQUE               |                                                                                      |                                                                                       |
|                                                                                   | RUN                  | -                          |                      | FULL LOAD                                                                            | 3.04 kg-m                                                                             |
| ACCESSORIES (OPTIONAL)                                                            |                      |                            |                      | LOCKED ROTOR                                                                         | 4.26 kg-m                                                                             |
|                                                                                   | TEMPERATURE DETECTOR | -                          |                      | BREAKDOWN                                                                            | 6.09 kg-m                                                                             |
|                                                                                   | SPACE HEATER         | -                          |                      |                                                                                      |                                                                                       |
|                                                                                   | SLIDE BASE           | -                          | NOISE LEVEL          | 87                                                                                   | Db(A)                                                                                 |
|                                                                                   |                      |                            | MOTOR APPROX. WEIGHT | 83                                                                                   | KG                                                                                    |
|                                                                                   |                      |                            | PAINTING             | BLACK                                                                                |                                                                                       |
| REMARKS                                                                           |                      |                            |                      |                                                                                      |                                                                                       |
| TEFC:Totally Enclosed FanCooled                                                   |                      |                            | DATE                 | PREPD BY                                                                             | CHKD BY                                                                               |
|                                                                                   |                      |                            | 2022.10.26           |  |  |
|                                                                                   |                      |                            |                      |                                                                                      | APPRD BY                                                                              |
|                                                                                   |                      |                            |                      |                                                                                      |  |