| HIGEN | | | INDUCTION MOTOR DATA SHEET | | | | | ₹ | | 7.5 | kW - | 4 | Р | |
|--|-------------------|-------------------------------|----------------------------|-------|-----------------------------|--------------------------------------|--------|--------------------------|------------------------|---------|------------|---------|---------|----------|
| MODEL: | I10HT1GHS | | | | | | - | | REV. | NO : | | | | - |
| APPLICATION | | PROJECT NAME: | | | | | | | | ITITY : | | | | - |
| | GENER | RAL DATA | 4 | | | | | PERFOR | MANC | E DA | ТА | | | |
| FRAME NO. | | 132M | | | OUTPUT | T | | | | | 7.5 | | kW | _ |
| | | ☐ DRIP PROOF | | | POLES | | | 4 | | POLES | | | | |
| ENCLOSURE | | ✓ TOTALLY ENCLOSED | | | ROTOR TYPE | | | SQUIRREL CAGE | | | | | | |
| | | Increa | sed Safety Expp | roof | | | | | √ D | .O.L | Y- | | | |
| PROTECTION | | | P 44 | | STARTIN | NG MET | HOD | | R | EACT | OR (% | TAP) | V.V.V.F | |
| METHODS OF | COOLING | SC FC | | | | | | | | | TARTE | | | _ |
| FREQUENCY | | 50 Hz | | | RATED VOLTAGE | | | 220 | V | 380 | V | 1 | / | |
| PHASE | | 3 | PHASE | | CURREN | NT | | | | | | | | - |
| SERVICE FAC | TOR | 1.0 | | | NO LOAD | | | | | Α | | Α | | 4 |
| INSULATION (| | F CLASS | | | FULL LOAD | | | 26.6 | A | 15.2 | Α | | ٩ | |
| | T FULL LOAD (at : | | | | STARTING | | | 172.9 | | 98.8 | Α | | 4 | |
| RES. ME | | 105 | | | EFFICIE | | | | , | | 70.0 | | | <u>`</u> |
| | . METHOD | 100 | | ' | | 1/2 LO | 7D | | | | | % | | _ |
| LOCATION | . WETHOD | ✓ INDOOR ☐ OUTDOOR | | | AT 3/4 LOAD | | | | % | | | | | - |
| ALTITUDE | | 1000 m | | | AT FULL LOAD | | | | 87.5 % | | | | | _ |
| HUMIDITY | | 80 % | | | POWER FACTOR | | | | | 07.5 | | 70 | | _ |
| | IDEDATUDE | -10~40 | | | AT 1/2 LOAD | | | | | | | % | | |
| AMBIENT TEMPERATURE | | ✓ CON | | 6ED | | 3/4 LOA | | | | | | % | | _ |
| RATING | | U CON | В | 0ED | | FULL L | | | | 79.0 | | % | | _ |
| NEMA DESIGN | V | [Do [| | 005 | | | | | | | | | | _ |
| MOUNTING | | ✓ B3 ☐ B5 ☐ V1 ☐ B3B5 BALL | | | SPEED (AT FULL LOAD) TORQUE | | | | 1450 | | rpm | | _ | |
| BEARING | TYPE | | | | | | ` | | | 1 1 | ا ما | | 1000 | _ |
| | DE\N-DE | (| 6208ZZ/6206ZZ | | | ILL LOA | | | | 4.1 | kg-I | | 1009 | |
| LUBRICANT | | GREASE | | | LOCKED ROTOR | | | | 6.6 | kg-m | | 160% | _ | |
| COUPLING METHOD | | | | | BREAKDOWN | | | | | 8.2 | kg-m 200 | | | |
| SHAFT | | 00005 | | | NOISE LEVEL | | | | 77.0 | | dB(A |) | | |
| EXTENSI | ON | | SINGLE | | VIBRATI | | | | | 15.0 | | μ m | | |
| EXTERNA | AL THRUST | | | 1 | ALLOWA | LOWABLE LOAD GD ² REFERRE | | | O TO M | OTOR S | SHAFT | | | |
| TERMINAL BO | Χ | | | | (AT DIRECT ON-LINE) | | | | 29.3 kg-m ² | | | | | |
| MAIN AUX. | | ☐ STEEL ☐ AL ☑ CAST | | | Motor GD ² | | | 0.1060 kg-m ² | | | ! | | | |
| | | ☐ YES ☑ NO | | | MOTOR APPROX. WEIGHT | | | 78.0 kg | | | | | | |
| BOX LOC | ATION | LEFT (\ | /iewed from Drive en | ıd) I | PAINTIN | ITING MUN | | ISELL NO. | | 7.1E | | /0.9 | | |
| APPLICATION STANDARDS | | IEC, KS | | | | THICKNESS | | SS | ✓ STANDARD | | | | μ m | |
| | ACCESSORI | ES (OPTI | ONAL) | | | | S | UBMITT | AL DR | AWIN | GS | | | |
| SUN COVER | | | | | | | | | | | | | | |
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| NOTE | | | | | | MARKS | 3 | | | | | | | _ |
| THESE DATA ARE ONLY DESIGN VALUES AND SHALL BE GUARANTEED WITH TOLERANCE OF APPLICATION STANDARDS. | | | | | | | | E CALCULA | ATED A | T 100% | VOLTAC | GE. | | _ |
| | MENTIONED IN TH | | | | | | | | | | | | | + |
| | NCE WITH OTIS ST | | · - | | | | | | | | | | | _ |
| FC : FAN COO | | SC : SELF | COOLED | | | DATE | | PREPA | RFN | CHE | CKED | ٨ | PPROVED | _ |
| . 5 . 1 / 11 / 000 | | | | | | | M.S.P. | | | H.JO | | H.J.KIM | _ | |