| | Ge | | | INDUC | | | | R | | 15 K\ | N - 4 | Р | |
|---|-----------------------|------------------------------|---------|---------------------|---|-------------------|----------------------|-------------------------|---------|----------|-------------|---------|--|
| | | | | | I A | SHE | El | | REV. N | 10. | | | |
| MODEL: KMH-20HY1 CUSTOMER : APPLICATION: PROJECT NAME: | | | | | | | | | | SETS | | | |
| GENERAL DATA | | | | | | QUANTITY : SETS | | | | | | | |
| FRAME NO. | | 160L | | | OUTPUT | | | 15 kW 20 HP | | | | | |
| | | | | | POLES | | | 4 POLES | | | | | |
| ENCLOSURE | | TOTALLY ENCLOSED | | | ROTOR TYPE | | | SQUIRREL CAGE | | | | | |
| | | Increased Safety Expproof | | | | | | D.O.L 🗸 Y- | | | | | |
| PROTECTION | | IF | | | STARTING METHOD | | | REACTOR (%TAP) V.V.V.F | | | | | |
| METHODS OF COOLING | | SC J FC | | | - | | | | | . , | | | |
| PHASE | | 3 PHASE | | | RATED VOLTAGE | | | 460 | V | V | ١ | | |
| SERVICE FACTOR | | 1.15 | | | FREQUENCY | | | 60 | | Hz | | | |
| INSULATION CLASS | | F CLASS | | | CURRENT | | | | | | | | |
| TEMP. RISE AT | FULL LOAD (at | S.F 1.0) | | | | NO LOA | D | | 10.0 | А | А | ļ | |
| RES. METHOD | | 105 | | | FULL LOAD | | | 25.2 | А | А | A | | |
| THERMO. METHOD | | | | | STARTING | | | 201.6 | А | А | A | | |
| LOCATION | | | | | EFFICIENCY | | | | I | | | | |
| ALTITUDE | | 1000 m | | | 1 | AT 1/2 L | OAD | | | | % | | |
| HUMIDITY | | 80 % | | | AT 3/4 LOAD | | | % | | | | | |
| AMBIENT TEMPERATURE | | -10~40 | | | AT FULL LOAD | | | ç | 1.0 | % | | | |
| RATING | | CONT. 860 %ED | | | POWER FACTOR | | | 1 | | | | | |
| NEMA DESIGN | | В | | | | AT 1/2 LOAD | | | | | % | | |
| MOUNTING | | ☑ B3 | | | AT 3/4 LOAD | | | | | % | | | |
| BEARING TYPE DE\N-DE | | BALL | | | AT FULL LOAD | | | 8 | 2.0 | % | | | |
| | | 6309ZZ/6307ZZ | | | SPEED (AT FULL LOAD) | | | 1 | 760 | rpm | | | |
| 1 | UBRICANT | | GRE/ | ASE | TOF | RQUE | | | | | | | |
| COUPLING METHOD | | ✓ DIRECT V-BELT | | FULL LOAD | | 8 | .30 | kg-m | 100% | | | | |
| ROTATION(Facing Drive End) | | ✓ CW ✓ CCW | | | LOCKED ROTOR | | | 1 | 2.45 | kg-m | 150% | | |
| SHAFT | | - | | | BREAKDOWN | | | 1 | 5.60 | kg-m | 200% | | |
| EXTENSION | | SINGLE | | | NOISE LEVEL | | | | 82 | dB(A |) | | |
| EXTERNAL THRUST | | | | | VIBRATION | | | 3 | 0.0 | μ m | | | |
| TERMINAL BOX | | | | | ALL | OWABLE | LOAD GD ² | REFERRE | D TO MO | DTOR SHA | N FT | | |
| MAIN | STEEL AL CAST | | | (AT DIRECT ON-LINE) | | | 4 | 8.0 | kg-m | 2 | | | |
| AUX. | | YES VO | | | Motor GD ² | | | 0. | 3764 | kg-m | | | |
| BOX LOCATION | | LEFT (Viewed from Drive end) | | | MOTOR APPROX. WEIGHT | | | | 39 | kg | | | |
| APPLICATION STANDARDS | | KS.IEC | | | PAINTING | | MUNSELL | NO. | | 51 | PB 8/2.5 | | |
| | | | | | | | THICKNE | SS | √ ST | ANDARD | | μ m | |
| ACCESSORIES (OPTIONAL) | | | | | SUBMITT | | | AL DRAWINGS | | | | | |
| | | | | | | OUTLINE DIMENSION | | | | | | | |
| | | | | | | | UE CURVE | | | | | | |
| | | | | | TER | MINAL BC | DX DIMENS | ION | | | | | |
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| NOTE | | | | | | REMARKS | | | | | | | |
| 1. THESE DATA ARE ONLY DESIGN VALUES AND SHALL BE | | | | | 1. ABOVE ALL DATA ARE CALCULATED AT 100% VOLTAGE. | | | | | | | | |
| GUARANTEED WITH TOLERANCE OF APPLICATION STANDARDS. | | | | | 2. ł | HIGH EF | FICIENC | MOTOR | 2 | | | | |
| 2. OTHERS NOT N | IENTIONED IN TH | IIS SHEET SH | IALL BE | | | | | | | | | | |
| IN ACCORDANC | CE WITH OTIS ST | ANDARD. | | | | | | | | | | | |
| | TE : TOTALLY ENCLOSED | | | DP : DRIP PROOF | | | DATE PREPA | | | | | | |
| | NCLOSED | DP : DRIP | PROOF | | | DAT | E | PREPA | RED | CHECK | ED A | PPROVED | |