

| HIGEN | | INDUCTION MOTOR DATA SHEET | | 7.5 HP - 4 P | |
|---|--|--|--------------------|--|--|
| MODEL: - | | CUSTOMER : | | REV. NO : 0 | |
| APPLICATION: | | PROJECT NAME: | | QUANTITY : SETS | |
| GENERAL DATA | | | PERFORMANCE DATA | | |
| FRAME NO. | | 132S | | OUTPUT 5.5 kW 7.5 HP | |
| ENCLOSURE | | <input type="checkbox"/> DRIP PROOF | | POLES 4 POLES | |
| | | <input checked="" type="checkbox"/> TOTALLY ENCLOSED | | ROTOR TYPE SQUIRREL CAGE | |
| | | <input type="checkbox"/> Increased Safety Exp.-proof | | <input checked="" type="checkbox"/> D.O.L <input type="checkbox"/> Y- | |
| PROTECTION | | IP 44 | | STARTING METHOD <input type="checkbox"/> REACTOR(%TAP) <input type="checkbox"/> V.V.V.F | |
| METHODS OF COOLING | | <input type="checkbox"/> SC <input checked="" type="checkbox"/> FC <input type="checkbox"/> | | <input type="checkbox"/> SOFT-STARTER | |
| PHASE | | 3 PHASE | | RATED VOLTAGE 220 V 380 V - V | |
| SERVICE FACTOR | | 1.0 | | FREQUENCY 60 Hz | |
| INSULATION CLASS | | F CLASS | | CURRENT | |
| TEMP. RISE AT FULL LOAD (at S.F 1.0) | | | | NO LOAD 9.9 A 5.7 A - A | |
| RES. METHOD | | 100 | | FULL LOAD 19.7 A 11.4 A - A | |
| THERMO. METHOD | | | | STARTING 128.3 A 74.3 A - A | |
| LOCATION | | <input checked="" type="checkbox"/> INDOOR <input type="checkbox"/> OUTDOOR | | EFFICIENCY | |
| ALTITUDE | | 1000 m | | AT 1/2 LOAD % | |
| HUMIDITY | | 90 % | | AT 3/4 LOAD % | |
| AMBIENT TEMPERATURE | | -10-40 | | AT FULL LOAD 86.0 % | |
| RATING | | <input checked="" type="checkbox"/> CONT. <input type="checkbox"/> %ED | | POWER FACTOR | |
| NEMA DESIGN | | B | | AT 1/2 LOAD % | |
| MOUNTING | | <input checked="" type="checkbox"/> B3 <input type="checkbox"/> B5 <input type="checkbox"/> V1 <input type="checkbox"/> B3B5 | | AT 3/4 LOAD % | |
| BEARING | | TYPE BALL | | AT FULL LOAD 85.0 % | |
| | | DEIN-DE 6208ZZ/6206ZZ | | SPEED (AT FULL LOAD) 1730 rpm | |
| | | LUBRICANT | | TORQUE | |
| COUPLING METHOD | | <input checked="" type="checkbox"/> DIRECT <input type="checkbox"/> V-BELT | | FULL LOAD 3.1 kg-m 100% | |
| ROTATION(Facing Drive End) | | <input checked="" type="checkbox"/> CW <input checked="" type="checkbox"/> CCW | | LOCKED ROTOR 5.0 kg-m 160% | |
| SHAFT | | | | BREAKDOWN 6.2 kg-m 200% | |
| EXTENSION | | SINGLE | | NOISE LEVEL 74.0 dB(A) | |
| EXTERNAL THRUST | | | | VIBRATION 30.0 μ m | |
| TERMINAL BOX | | | | ALLOWABLE LOAD GD ² REFERRED TO MOTOR SHAFT | |
| MAIN | | <input type="checkbox"/> STEEL <input checked="" type="checkbox"/> AL <input type="checkbox"/> CAST | | (AT DIRECT ON-LINE) 22.2 kg-m ² | |
| AUX. | | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | | Motor GD ² 0.1060 kg-m ² | |
| BOX LOCATION | | LEFT (Viewed from Drive end) | | MOTOR APPROX. WEIGHT 58.0 kg | |
| APPLICATION STANDARDS | | IEC, KS | | PAINTING MUNSELL NO. 7.1B4.0/0.9 (GRAY) | |
| | | | | THICKNESS <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> μ m | |
| ACCESSORIES (OPTIONAL) | | | SUBMITTAL DRAWINGS | | |
| TEMPERATURE DETECTOR | | | | | |
| WINDING | | | | | |
| TYPE | | | | | |
| BEARING | | | | | |
| TYPE | | | | | |
| SPACE HEATER | | | | | |
| RATING | | | | | |
| NOTE | | | REMARKS | | |
| 1. THESE DATA ARE ONLY DESIGN VALUES AND SHALL BE | | | | | |
| GUARANTEED WITH TOLERANCE OF APPLICATION STANDARDS. | | | | | |
| 2. OTHERS NOT MENTIONED IN THIS SHEET SHALL BE | | | | | |
| IN ACCORDANCE WITH OTIS STANDARD. | | | | | |
| TE : TOTALLY ENCLOSED | | DP : DRIP PROOF | | DATE | |
| FC : FAN COOLED | | SC : SELF COOLED | | 2007.03.13 | |
| | | | | PREPARED J.I.KO | |
| | | | | CHECKED J.H.JO | |
| | | | | APPROVED H.J.KIM | |