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# Customer information packet

## GNEM31157-G

2/1.5KWHP, 1765//1460RPM, 3PH, 60//50HZ, 56

Class - None

Division - Not Applicable

## Specifications

|                                |                                                                                             |
|--------------------------------|---------------------------------------------------------------------------------------------|
| Enclosure                      | OPSB                                                                                        |
| Frame                          | 56                                                                                          |
| Frame Material                 | Steel                                                                                       |
| Frequency                      | 50.00 Hz<br>60.00 Hz                                                                        |
| Haz Area Class and Group       | None                                                                                        |
| Haz Area Division              | Not Applicable                                                                              |
| Motor Letter Type              | Three Phase                                                                                 |
| Output @ Frequency             | 2.000 HP @ 60 HZ<br>2.000 HP @ 50 HZ                                                        |
| Phase                          | 3                                                                                           |
| Synchronous Speed @ Frequency  | 1800 RPM @ 60 HZ                                                                            |
| Voltage @ Frequency            | 190.0 V @ 50 HZ<br>208.0 V @ 60 HZ<br>230.0 V @ 60 HZ<br>380.0 V @ 50 HZ<br>460.0 V @ 60 HZ |
| Agency Approvals               | CE<br>WEEE<br>UKCA<br>CURUSEEV<br>IE3<br>NEMA PREMIUM                                       |
| Ambient Temperature            | 40 °C                                                                                       |
| Auxiliary Box                  | NO AUXILLARY BOX                                                                            |
| Auxiliary Box Lead Termination | None                                                                                        |
| Base Indicator                 | Rigid                                                                                       |
| Bearing Grease Type            | Polyrex EM (-20F +300F)                                                                     |
| Blower                         | None                                                                                        |
| Current @ Voltage              | 6.400 A @ 190.0 V<br>5.700 A @ 208.0 V<br>5.600 A @ 230.0 V<br>3.200 A @ 380.0 V            |

## Part detail

|              |            |
|--------------|------------|
| Revision     | D          |
| Type         | AC         |
| Mech. spec.  | 35Z946     |
| Base         |            |
| Status       | PRD/A      |
| Elec. spec.  | 35WGZ806   |
| Layout       | 35LYZ946   |
| Eff. date    | 05-08-2024 |
| CD Diagram   | CD0005     |
| Poles        | 04         |
| Leads        | 9#18       |
| Proprietary  | False      |
| Created date | 08-24-2023 |

2.800 A @ 460.0 V

|                               |                           |
|-------------------------------|---------------------------|
| Design Code                   | B                         |
| Drip Cover                    | No Drip Cover             |
| Duty Rating                   | CONT                      |
| Efficiency @ 100% Load        | 86.5 %                    |
| Electrically Isolated Bearing | Not Electrically Isolated |
| Feedback Device               | NO FEEDBACK               |
| Front Shaft Indicator         | None                      |
| Heater Indicator              | No Heater                 |
| High Voltage Full Load Amps   | 2.8 a                     |
| Insulation Class              | F                         |
| Inverter Code                 | Inverter Duty             |
| KVA Code                      | L                         |
| Lifting Lugs                  | No Lifting Lugs           |
| Locked Bearing Indicator      | Locked Bearing            |
| Motor Lead Quantity/Wire Size | 9 @ 18 AWG                |
| Motor Lead Termination        | Flying Leads              |
| Motor Standards               | NEMA                      |
| Motor Type                    | 3530M                     |
| Mounting Arrangement          | F1                        |
| Number of Poles               | 4                         |
| Overall Length                | 12.94 IN                  |
| Power Factor                  | 77                        |
| Product Family                | General Purpose           |
| Pulley End Bearing Type       | Ball                      |
| Pulley Face Code              | Standard                  |
| Pulley Shaft Indicator        | Standard                  |
| Rodent Screen                 | None                      |
| RoHS Status                   | ROHS COMPLIANT            |
| Service Factor                | 1.15                      |
| Shaft Diameter                | 0.625 IN                  |
| Shaft Ground Indicator        | Shaft Grounding           |
| Shaft Rotation                | Reversible                |
| Shaft Slinger Indicator       | No Slinger                |

|                                   |                     |
|-----------------------------------|---------------------|
| <b>Speed</b>                      | 1460 rpm            |
|                                   | 1765 rpm            |
| <b>Speed Code</b>                 | Single Speed        |
| <b>Starting Method</b>            | Direct on line      |
| <b>Thermal Device - Bearing</b>   | None                |
| <b>Thermal Device - Winding</b>   | None                |
| <b>Vibration Sensor Indicator</b> | No Vibration Sensor |
| <b>Winding Thermal 1</b>          | None                |
| <b>Winding Thermal 2</b>          | None                |

## Nameplate

| NP4304L        |                              |               |          |        |    |       |      |    |    |
|----------------|------------------------------|---------------|----------|--------|----|-------|------|----|----|
| CAT.NO.        | GNEM31157-G                  |               |          |        |    |       |      |    |    |
| SPEC.          | 35Z946Z806G1                 |               |          |        |    |       |      |    |    |
| HP             | 2/1.5KW                      |               |          |        |    | PH    | 3    |    |    |
| VOLTS          | 208-230/460//190/380         |               |          |        |    |       |      |    |    |
| AMPS           | 5.7-5.6/2.8//6.4/3.2         |               |          |        |    |       |      |    |    |
| R.P.M. (1/MIN) | 1765//1460                   |               |          |        |    | WT.   | 22KG |    | KG |
| FRAME          | 56                           |               | HZ       | 60//50 |    |       | I.P. | 22 |    |
| SER.F.         | 1.15                         | CODE          | L        | DES.   | B  | CLASS | H    |    |    |
| NOM.EFF.       | 86.5//85.3                   |               | % (100%) |        |    |       |      |    |    |
| P.F.           | 77                           | IC01, 10:1 VT |          |        |    |       |      |    |    |
| RATING         | 40C AMB-S1 CONT              |               |          |        | CC | 010A  |      |    |    |
| DE             | 6205                         |               | ODE      | 6203   |    |       |      |    |    |
| ENCL           | OPSB                         | SN            |          |        |    |       |      |    |    |
|                | SFA 6.5-6.3/3.15//7.4/3.7    |               |          |        |    |       |      |    |    |
|                | IE3-50HZ-86.6(75%),86.0(50%) |               |          |        |    |       |      |    |    |
|                | IE3-60HZ-86.9(75%),85.1(50%) |               |          |        |    |       |      |    |    |



