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# Customer information packet

## EL11309

1HP, 3480RPM, 1PH, 60HZ, 56, 3524LC, ODP, F1, N

Class - None

Division - Not Applicable

## Specifications

|                                |                                        |
|--------------------------------|----------------------------------------|
| Enclosure                      | OPEN                                   |
| Frame                          | 56                                     |
| Frame Material                 | Steel                                  |
| Frequency                      | 60.00 Hz                               |
| Haz Area Class and Group       | None                                   |
| Haz Area Division              | Not Applicable                         |
| Motor Letter Type              | Cap Start, Cap Run                     |
| Output @ Frequency             | 1.000 HP @ 60 HZ                       |
| Phase                          | 1                                      |
| Synchronous Speed @ Frequency  | 3600 RPM @ 60 HZ                       |
| Voltage @ Frequency            | 115.0 V @ 60 HZ<br>230.0 V @ 60 HZ     |
| Agency Approvals               | CURUSEEV                               |
| Ambient Temperature            | 40 °C                                  |
| Auxillary Box                  | No Auxillary Box                       |
| Auxillary Box Lead Termination | None                                   |
| Base Indicator                 | Rigid                                  |
| Bearing Grease Type            | Polyrex EM (-20F +300F)                |
| Blower                         | None                                   |
| Current @ Voltage              | 3.900 A @ 230.0 V<br>7.800 A @ 115.0 V |
| Design Code                    | N                                      |
| Drip Cover                     | No Drip Cover                          |
| Duty Rating                    | CONT                                   |
| Efficiency @ 100% Load         | 82.0 %                                 |
| Electrically Isolated Bearing  | Not Electrically Isolated              |
| Feedback Device                | NO FEEDBACK                            |
| Front Face Code                | Standard                               |
| Front Shaft Indicator          | None                                   |
| Heater Indicator               | No Heater                              |
| High Voltage Full Load Amps    | 3.9 a                                  |
| Insulation Class               | F                                      |

## Part detail

|              |                     |
|--------------|---------------------|
| Revision     | L                   |
| Type         | AC                  |
| Mech. spec.  | 35M497              |
| Base         |                     |
| Status       | PRD/A               |
| Elec. spec.  | 35WGN672            |
| Layout       | 35LYM497            |
| Eff. date    | 02-13-2025          |
| CD Diagram   | CD0055              |
| Poles        | 02                  |
| Leads        | 4#16 A PH,2#18 B PH |
| Proprietary  | False               |
| Created date | 03-18-2014          |

|                                      |                     |
|--------------------------------------|---------------------|
| <b>Inverter Code</b>                 | Not Inverter        |
| <b>KVA Code</b>                      | H                   |
| <b>Lifting Lugs</b>                  | No Lifting Lugs     |
| <b>Locked Bearing Indicator</b>      | No Locked Bearing   |
| <b>Motor Lead Exit</b>               | Ko Box              |
| <b>Motor Lead Quantity/Wire Size</b> | 4 @ 16 AWG, A PH    |
| <b>Motor Lead Termination</b>        | Flying Leads        |
| <b>Motor Standards</b>               | NEMA                |
| <b>Motor Type</b>                    | 3524LC              |
| <b>Mounting Arrangement</b>          | F1                  |
| <b>Number of Poles</b>               | 2                   |
| <b>Overall Length</b>                | 12.07 IN            |
| <b>Power Factor</b>                  | 99                  |
| <b>Product Family</b>                | General Purpose     |
| <b>Pulley End Bearing Type</b>       | Ball                |
| <b>Pulley Face Code</b>              | Standard            |
| <b>Pulley Shaft Indicator</b>        | Standard            |
| <b>Rodent Screen</b>                 | None                |
| <b>RoHS Status</b>                   | ROHS COMPLIANT      |
| <b>Service Factor</b>                | 1.25                |
| <b>Shaft Diameter</b>                | 0.625 IN            |
| <b>Shaft Extension Location</b>      | Pulley End          |
| <b>Shaft Ground Indicator</b>        | No Shaft Grounding  |
| <b>Shaft Rotation</b>                | Reversible          |
| <b>Shaft Slinger Indicator</b>       | No Slinger          |
| <b>Speed</b>                         | 3480 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

| NP3155L        |              |      |     |      |   |    |   |  |  |  |
|----------------|--------------|------|-----|------|---|----|---|--|--|--|
| CAT.NO.        | EL11309      |      |     |      |   |    |   |  |  |  |
| SPEC.          | 35M497N672G1 |      |     |      |   |    |   |  |  |  |
| HP             | 1            |      |     |      |   |    |   |  |  |  |
| VOLTS          | 115/230      |      |     |      |   |    |   |  |  |  |
| AMP            | 7.8/3.9      |      |     |      |   |    |   |  |  |  |
| RPM            | 3480         |      |     |      |   |    |   |  |  |  |
| FRAME          | 56           |      | HZ  | 60   |   | PH | 1 |  |  |  |
| SER.F.         | 1.25         | CODE | H   | DES  | N | CL | F |  |  |  |
| F.L. AVG. EFF. | 82           | PF   | 99  |      |   |    |   |  |  |  |
| RATING         | 40C AMB-CONT |      |     |      |   |    |   |  |  |  |
| CC             |              |      |     |      |   |    |   |  |  |  |
| DE             | 6205         |      | ODE | 6203 |   |    |   |  |  |  |
| ENCL           | OPEN         | SN   |     |      |   |    |   |  |  |  |
|                | SFA 10/5     |      |     |      |   |    |   |  |  |  |



