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# Customer information packet

## VM3534-57

13M 4P TEFC VER 56C

Class - None

Division - Not Applicable

## Specifications

|                                |                                       |
|--------------------------------|---------------------------------------|
| Enclosure                      | TEFC                                  |
| Frame                          | 56C                                   |
| Frame Material                 | Steel                                 |
| Frequency                      | 50.00 Hz                              |
| Haz Area Class and Group       | None                                  |
| Haz Area Division              | Not Applicable                        |
| Motor Letter Type              | Three Phase                           |
| Output @ Frequency             | .330 HP @ 50 HZ                       |
| Phase                          | 3                                     |
| Synchronous Speed @ Frequency  | 1500 RPM @ 50 HZ                      |
| Voltage @ Frequency            | 400.0 V @ 50 HZ<br>230.0 V @ 50 HZ    |
| Agency Approvals               | CE<br>CSA<br>UR<br>WEEE               |
| Ambient Temperature            | 40 °C                                 |
| Auxillary Box                  | No Auxillary Box                      |
| Auxillary Box Lead Termination | None                                  |
| Base Indicator                 | No Mounting                           |
| Bearing Grease Type            | Polyrex EM (-20F +300F)               |
| Blower                         | None                                  |
| Current @ Voltage              | .700 A @ 400.0 V<br>1.400 A @ 230.0 V |
| Design Code                    | B                                     |
| Drip Cover                     | No Drip Cover                         |
| Duty Rating                    | CONT                                  |
| Efficiency @ 100% Load         | 74.0 %                                |
| Electrically Isolated Bearing  | Not Electrically Isolated             |
| Feedback Device                | NO FEEDBACK                           |
| Front Shaft Indicator          | None                                  |
| Heater Indicator               | No Heater                             |

## Part detail

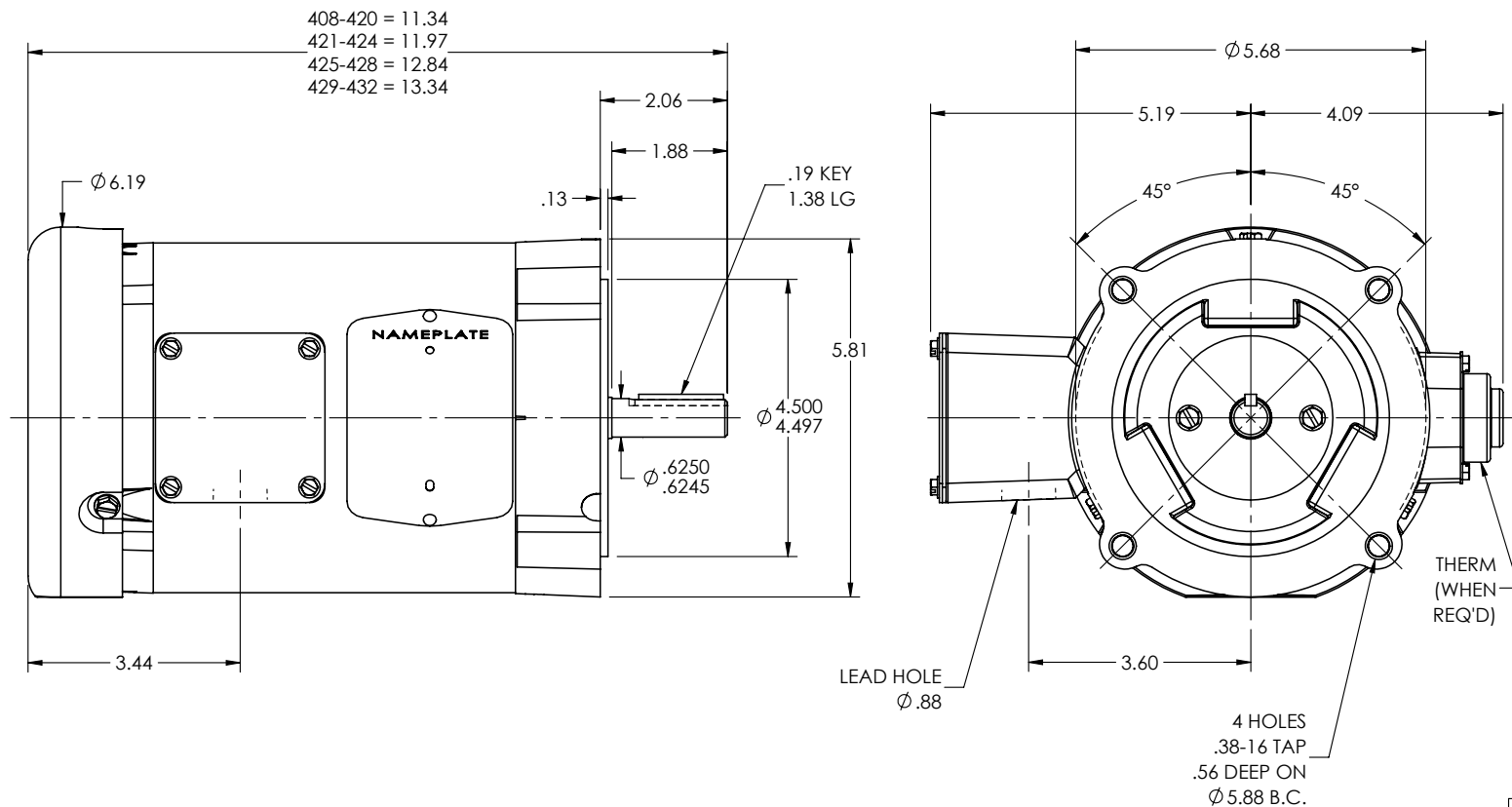
|              |            |
|--------------|------------|
| Revision     | F          |
| Type         | AC         |
| Mech. spec.  | 34A063     |
| Base         |            |
| Status       | PRD/A      |
| Elec. spec.  | 34WGR729   |
| Layout       | 34LYA063   |
| Eff. date    | 02-10-2025 |
| CD Diagram   | CD0022     |
| Poles        | 04         |
| Leads        | 6#18       |
| Proprietary  | False      |
| Created date | 07-20-2021 |

|                               |                     |
|-------------------------------|---------------------|
| High Voltage Full Load Amps   | 0.7 a               |
| Insulation Class              | B                   |
| Inverter Code                 | Not Inverter        |
| KVA Code                      | H                   |
| Lifting Lugs                  | No Lifting Lugs     |
| Locked Bearing Indicator      | Locked Bearing      |
| Motor Lead Quantity/Wire Size | 6 @ 18 AWG          |
| Motor Lead Termination        | Flying Leads        |
| Motor Standards               | NEMA                |
| Motor Type                    | 3413M               |
| Mounting Arrangement          | F1                  |
| Number of Poles               | 4                   |
| Overall Length                | 11.35 IN            |
| Power Factor                  | 67                  |
| Product Family                | General Purpose     |
| Pulley End Bearing Type       | Ball                |
| Pulley Face Code              | C-Face              |
| Pulley Shaft Indicator        | Standard            |
| Rodent Screen                 | None                |
| RoHS Status                   | ROHS COMPLIANT      |
| Service Factor                | 1.35                |
| Shaft Diameter                | 0.625 IN            |
| Shaft Ground Indicator        | No Shaft Grounding  |
| Shaft Rotation                | Reversible          |
| Shaft Slinger Indicator       | No Slinger          |
| Speed                         | 1425 rpm            |
| Speed Code                    | Single Speed        |
| Starting Method               | Direct on line      |
| Thermal Device - Bearing      | None                |
| Thermal Device - Winding      | None                |
| Vibration Sensor Indicator    | No Vibration Sensor |
| Winding Thermal 1             | None                |
| Winding Thermal 2             | None                |

## Nameplate

| NP1372L        |                               |      |                 |    |      |   |    |    |   |   |  |
|----------------|-------------------------------|------|-----------------|----|------|---|----|----|---|---|--|
| CAT.NO.        | VM3534-57                     |      |                 |    |      |   |    |    |   |   |  |
| SPEC.          | 34A063R729G1                  |      |                 |    |      |   |    |    |   |   |  |
| HP             | .33/.25KW                     |      |                 |    |      |   |    |    |   |   |  |
| VOLTS          | 230/400                       |      |                 |    |      |   |    |    |   |   |  |
| AMP            | 1.4/.7                        |      |                 |    |      |   |    |    |   |   |  |
| R.P.M. (1/MIN) | 1425                          |      |                 |    |      |   |    |    |   |   |  |
| FRAME          | 56C                           |      | HZ              |    | 50   |   |    | PH |   | 3 |  |
| SER.F.         | 1.35                          | CODE |                 | H  | DES  | B | CL |    | B |   |  |
| NEMA-NOM-EFF   | 74                            | PF   |                 | 67 |      |   |    |    |   |   |  |
| RATING         | 40C AMB-CONT                  |      |                 |    |      |   |    |    |   |   |  |
| CC             |                               |      | IP44 KG10 IC411 |    |      |   |    |    |   |   |  |
| DE             | 6203                          |      | ODE             |    | 6203 |   |    |    |   |   |  |
| ENCL           | TEFC                          | SN   |                 |    |      |   |    |    |   |   |  |
|                | SFA 1.6/.8 IE2:73(75%)67(50%) |      |                 |    |      |   |    |    |   |   |  |

34LYA063



CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT THE PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION

REV. DESC: CLEAN UP DIMENSIONING

REV: P

VERSION: 05

REVISED: 08:51:08 10/31/2024

TDR: 000001243684

34LYA063

MODEL NO. 34LYA063

REF: -

BY: ENJEFD0

BALDOR - RELIANCE®

STD VERT 34M NEMA 56C TEFC

34LYA063

