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# Customer information packet

## CFSSP5M3546T-E-G

1HP, 1800RPM, 3PH, 60HZ, 145TC, 3524B, TENV, F1

Class - None

Division - Not Applicable

## Specifications

|                                |                                        |
|--------------------------------|----------------------------------------|
| Enclosure                      | TENV                                   |
| Frame                          | 145TC                                  |
| Frame Material                 | Stainless Steel                        |
| Frequency                      | 60.00 Hz                               |
| Haz Area Class and Group       | None                                   |
| Haz Area Division              | Not Applicable                         |
| Motor Letter Type              | Brushless Wound Field PM Rotor         |
| Output @ Frequency             | 1.000 HP @ 60 HZ                       |
| Phase                          | 3                                      |
| Synchronous Speed @ Frequency  | 1800 RPM @ 60 HZ                       |
| Voltage @ Frequency            | 230.0 V @ 60 HZ<br>460.0 V @ 60 HZ     |
| Agency Approvals               | WEEE<br>C UR US                        |
| 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              | 1.200 A @ 460.0 V<br>2.400 A @ 230.0 V |
| Design Code                    | -                                      |
| Drip Cover                     | No Drip Cover                          |
| Duty Rating                    | CONT                                   |
| Efficiency @ 100% Load         | 88.5 %                                 |
| Electrically Isolated Bearing  | Not Electrically Isolated              |
| Feedback Device                | NO FEEDBACK                            |
| Front Shaft Indicator          | None                                   |
| Heater Indicator               | No Heater                              |
| High Voltage Full Load Amps    | 1.2 a                                  |
| Insulation Class               | H                                      |

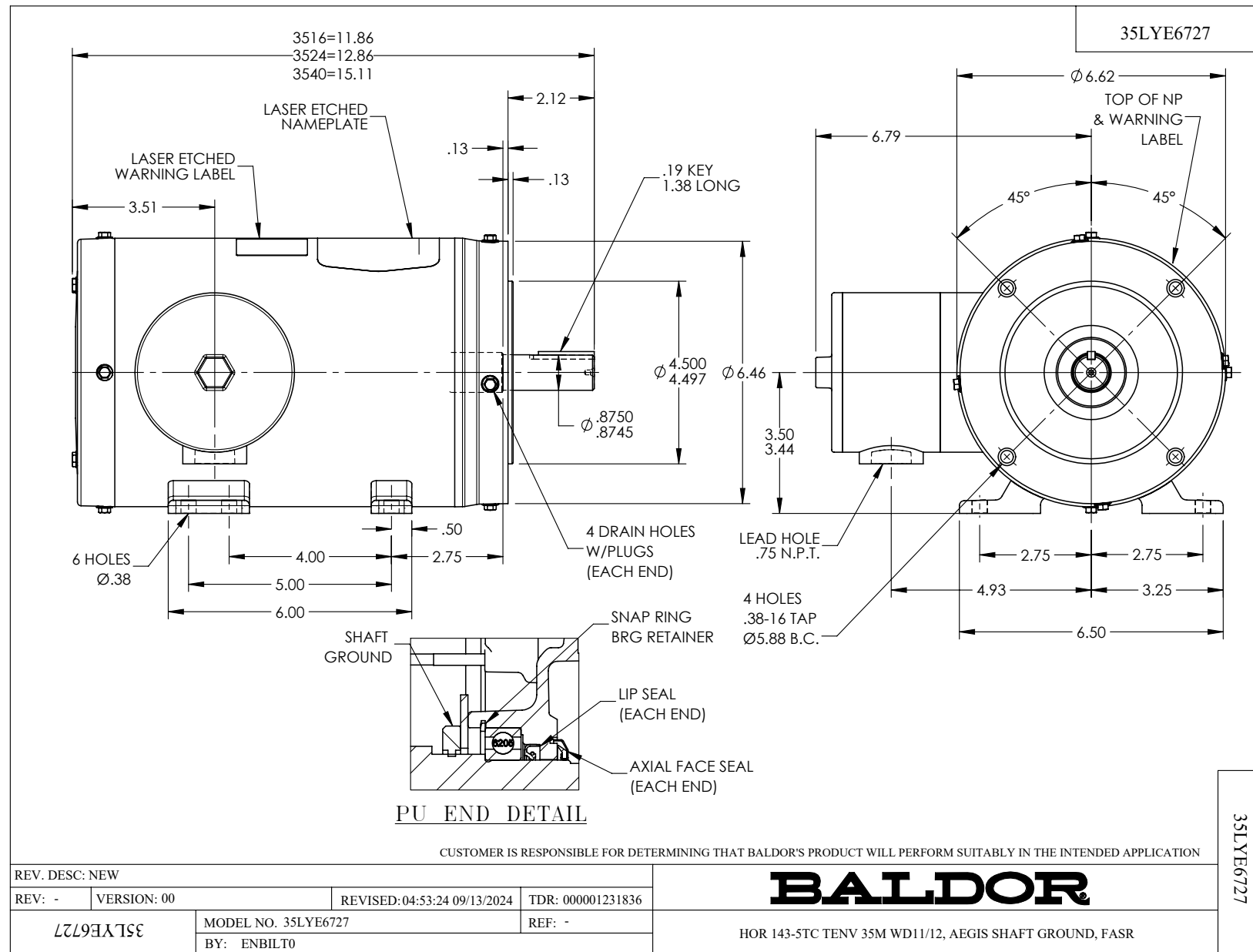
## Part detail

|              |            |
|--------------|------------|
| Revision     | E          |
| Type         | AC         |
| Mech. spec.  | 35E6727    |
| Base         |            |
| Status       | PRD/A      |
| Elec. spec.  | 35WGK582   |
| Layout       | 35LYE6727  |
| Eff. date    | 06-09-2025 |
| CD Diagram   | CD0005A25  |
| Poles        | 04         |
| Leads        | 9#16       |
| Proprietary  | False      |
| Created date | 09-12-2024 |

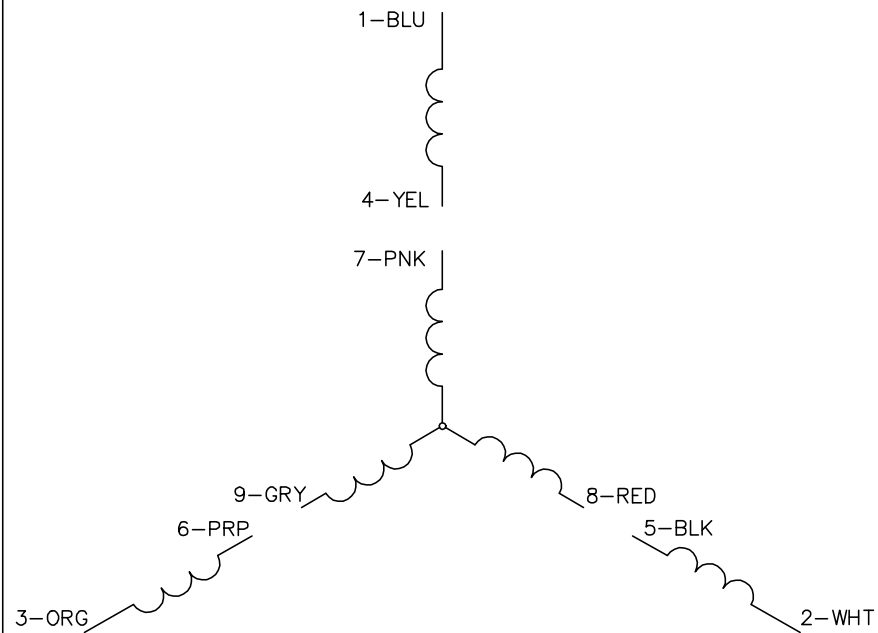
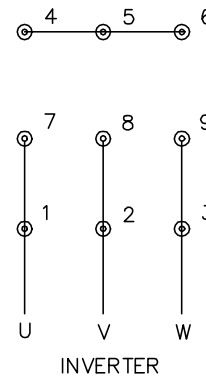
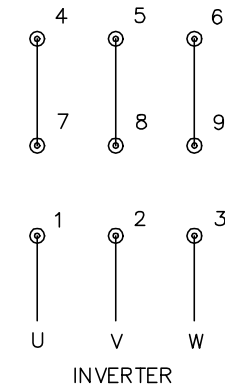
|                               |                        |
|-------------------------------|------------------------|
| Inverter Code                 | 03                     |
| KVA Code                      | -                      |
| Lifting Lugs                  | No Lifting Lugs        |
| Locked Bearing Indicator      | Locked Bearing         |
| Max Speed                     | 4000 rpm               |
| Motor Finish                  | UNPAINTED              |
| Motor Lead Quantity/Wire Size | 9 @ 16 AWG             |
| Motor Lead Termination        | Flying Leads           |
| Motor Standards               | NEMA                   |
| Motor Type                    | 3524B                  |
| Mounting Arrangement          | F1                     |
| Number of Poles               | 4                      |
| Overall Length                | 12.86 IN               |
| Power Factor                  | 97                     |
| Product Family                | WD All SS Encapsulated |
| Pulley End Bearing Type       | Sealed Bearing         |
| Pulley Face Code              | C-Face                 |
| Pulley Shaft Indicator        | Standard               |
| Rodent Screen                 | None                   |
| Service Factor                | 1.15                   |
| Shaft Diameter                | 0.875 IN               |
| Shaft Ground Indicator        | Shaft Grounding        |
| Shaft Rotation                | Reversible             |
| Shaft Slinger Indicator       | No Slinger             |
| Speed                         | 1800 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

| NP4427DLT49A  |                             |     |        |           |      |              |         |          |       |      |    |
|---------------|-----------------------------|-----|--------|-----------|------|--------------|---------|----------|-------|------|----|
| CAT #         | CFSSP5M3546T-E-G            |     |        |           |      | WT           | 44      |          | LBS   |      |    |
| SPEC          | 35E6727K582G1               |     |        |           |      | ENCL         |         | TENV     |       |      |    |
| SER #         |                             |     |        | FRAME     |      | 145TC        |         |          | IP    |      | 69 |
| HP            | 1                           |     | RATING |           |      | 40C AMB-CONT |         |          |       |      |    |
| NEMA NOM. EFF | 88.5                        | PF  | 97     | HZ        | 60   | PH           |         | 3        | CLASS | H    |    |
| VOLTS         | 230/460                     |     |        |           | AMPS |              | 2.4/1.2 |          |       |      |    |
| SER.F.        | 1.15                        | RPM |        | 1800      |      |              | MAX RPM |          |       | 4000 |    |
| BEMF (V)      | 169/337                     |     |        | RS (OHMS) |      |              |         | 4.5/18.1 |       |      |    |
| LD(MH)        | 30.1/120                    |     |        | LQ(MH)    |      | 157/628      |         |          |       |      |    |
| VPWM          | CHP                         | 60  |        | TO        |      | 133          |         |          |       |      |    |
| CT            | 6                           | TO  |        | 60        | VT   | 6            | TO      |          | 60    |      |    |
| MATCHED INV   | ACS380-04XX-03A7-2 / 01A8-4 |     |        |           |      |              |         |          |       |      |    |
| DE            | 6205                        |     |        | ODE       |      | 6205         |         | YR       |       |      |    |
|               |                             |     |        |           |      |              |         |          |       |      |    |
|               |                             |     |        |           |      |              |         |          |       |      |    |



CD0005A25

LOW VOLTAGE  
(2Y)HIGH VOLTAGE  
(1Y)

## NOTES:

1. INTERCHANGE ANY TWO LINE LEADS TO REVERSE ROTATION.
2. ACTUAL NUMBER OF INTERNAL PARALLEL CIRCUITS MAY BE A MULTIPLE OF THOSE SHOWN ABOVE.
3. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

|                      |                              |                   |
|----------------------|------------------------------|-------------------|
| REV. DESC: NEW       |                              |                   |
| REV. LTR: -          | VERSION: 00                  | TDR: 000001135746 |
| FILE: \AAA\00253\082 | REVISED: 01:10:57 03/30/2020 | BY: ENMARSO       |
| MTL: -               | © □                          |                   |

BALDOR - RELIANCE®

3PH, DV, 9 LEADS, ECS

SH 1 of 1

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