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# Customer information packet

## FSWDM23933T-E

15HP, 1765RPM, 3PH, 60HZ, 254T, 3956M, TEFC, F1

Class - None

Division - Not Applicable

## Specifications

|                                |                                                                |
|--------------------------------|----------------------------------------------------------------|
| Enclosure                      | TEFC                                                           |
| Frame                          | 254T                                                           |
| Frame Material                 | Stainless Steel                                                |
| Frequency                      | 60.00 Hz                                                       |
| Haz Area Class and Group       | None                                                           |
| Haz Area Division              | Not Applicable                                                 |
| Motor Letter Type              | Three Phase                                                    |
| Output @ Frequency             | 15.000 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               | UR<br>CSA                                                      |
| 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              | 17.500 A @ 460.0 V<br>35.000 A @ 230.0 V<br>38.000 A @ 208.0 V |
| Design Code                    | A                                                              |
| Drip Cover                     | No Drip Cover                                                  |
| Duty Rating                    | CONT                                                           |
| Efficiency @ 100% Load         | 92.4 %                                                         |
| Electrically Isolated Bearing  | Not Electrically Isolated                                      |
| Feedback Device                | NO FEEDBACK                                                    |
| Front Face Code                | Standard                                                       |
| Front Shaft Indicator          | None                                                           |
| Heater Indicator               | No Heater                                                      |

## Part detail

|              |            |
|--------------|------------|
| Revision     | R          |
| Type         | AC         |
| Mech. spec.  | 39E739     |
| Base         |            |
| Status       | PRD/A      |
| Elec. spec.  | 39WGX682   |
| Layout       | 39LYE739   |
| Eff. date    | 11-18-2025 |
| CD Diagram   | CD0005     |
| Poles        | 04         |
| Leads        | 9#12       |
| Proprietary  | False      |
| Created date | 01-26-2018 |

|                               |                        |
|-------------------------------|------------------------|
| High Voltage Full Load Amps   | 17.5 a                 |
| Insulation Class              | H                      |
| Inverter Code                 | Inverter Ready         |
| KVA Code                      | G                      |
| Lifting Lugs                  | Standard Lifting Lugs  |
| Locked Bearing Indicator      | Locked Bearing         |
| Motor Lead Exit               | Ko Box                 |
| Motor Lead Quantity/Wire Size | 9 @ 12 AWG             |
| Motor Lead Termination        | Flying Leads           |
| Motor Standards               | NEMA                   |
| Motor Type                    | 3956M                  |
| Mounting Arrangement          | F1                     |
| Number of Poles               | 4                      |
| Overall Length                | 24.18 IN               |
| Power Factor                  | 86                     |
| Product Family                | WD All SS Encapsulated |
| Pulley End Bearing Type       | Sealed Bearing         |
| Pulley Face Code              | C-Face                 |
| Pulley Shaft Indicator        | Standard               |
| Rodent Screen                 | None                   |
| RoHS Status                   | ROHS COMPLIANT         |
| Service Factor                | 1.15                   |
| Shaft Diameter                | 1.625 IN               |
| Shaft Extension Location      | Pulley End             |
| Shaft Ground Indicator        | No Shaft Grounding     |
| Shaft Rotation                | Reversible             |
| Shaft Slinger Indicator       | No Slinger             |
| Speed                         | 1765 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                   |

|                   |      |
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| Winding Thermal 2 | None |
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## Nameplate

| NP4427AAA01 |               |      |         |      |      |               |      |    |       |      |   |       |
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| CAT #       | FSWDM23933T-E |      |         |      |      | WT            | 304  |    | LBS   |      |   |       |
| SPEC        | 39E739X682G1  |      |         |      |      | ENCL          | TEFC |    |       |      |   |       |
| SER #       |               |      |         |      |      | CC            | 010A |    | IP    | 69   |   |       |
| HP          | 15            |      | MAG CUR |      |      | 14.2/7.1      |      |    |       |      |   |       |
| VOLTS       | 230/460       |      |         |      |      | NEMA NOM. EFF |      |    |       | 92.4 |   |       |
| AMPS        | 35/17.5       |      |         |      |      | PF            | 86   |    |       |      |   |       |
| RATING      | 40C AMB-CONT  |      |         |      |      |               |      |    |       |      |   |       |
| RPM         | 1765          |      |         |      |      | MAX RPM       | 2700 |    |       |      |   |       |
| FRAME       | 254T          |      | HZ      | 60   |      | CODE          | G    |    | CLASS | H    |   |       |
| SER.F.      | 1.15          |      | SF AMP  |      |      |               | PH   | 3  |       | DES  | A |       |
| DE          | 6309          |      |         | ODE  | 6309 |               |      |    |       |      |   |       |
| LUBRICATION | POLYREX EM    |      |         |      |      |               |      |    |       |      |   |       |
| ID LOGO     | INVERTER TYPE |      |         | VPWM |      | CHP           | 60   |    | TO    | 90   |   | 1.5:1 |
| ID LOGO     | WK2           | 2.44 |         | CT   | 30   |               | TO   | 60 |       | 2:1  |   |       |
| ID LOGO     | SL HZ         | 1.2  |         | VT   | 6    |               | TO   | 60 |       | 10:1 |   |       |
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