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# Customer information packet

## DRX25244T

20HP, 1770//1470RPM, 3PH, 60HZ, 256T, XPFC, F1

Class - CLI GP C,D

Division - Division I

## Specifications

|                                |                                                                                      |
|--------------------------------|--------------------------------------------------------------------------------------|
| Enclosure                      | XPFC                                                                                 |
| Frame                          | 256T                                                                                 |
| Frame Material                 | Iron                                                                                 |
| Frequency                      | 50.00 Hz<br>60.00 Hz                                                                 |
| Haz Area Class and Group       | CLI GP C,D                                                                           |
| Haz Area Division              | Division I                                                                           |
| Motor Letter Type              | Three Phase                                                                          |
| Output @ Frequency             | 20.000 HP @ 60 HZ<br>15.000 HP @ 50 HZ                                               |
| Phase                          | 3                                                                                    |
| Synchronous Speed @ Frequency  | 1800 RPM @ 60 HZ                                                                     |
| Voltage @ Frequency            | 460.0 V @ 60 HZ<br>190.0 V @ 50 HZ<br>230.0 V @ 60 HZ<br>380.0 V @ 50 HZ             |
| Agency Approvals               | UL<br>CSA EEV                                                                        |
| 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                                                                                 |
| Constant Torque Speed Range    | 6                                                                                    |
| Current @ Voltage              | 22.000 A @ 380.0 V<br>24.000 A @ 460.0 V<br>44.000 A @ 190.0 V<br>48.000 A @ 230.0 V |
| Design Code                    | A                                                                                    |
| Drip Cover                     | No Drip Cover                                                                        |
| Duty Rating                    | CONT                                                                                 |

## Part detail

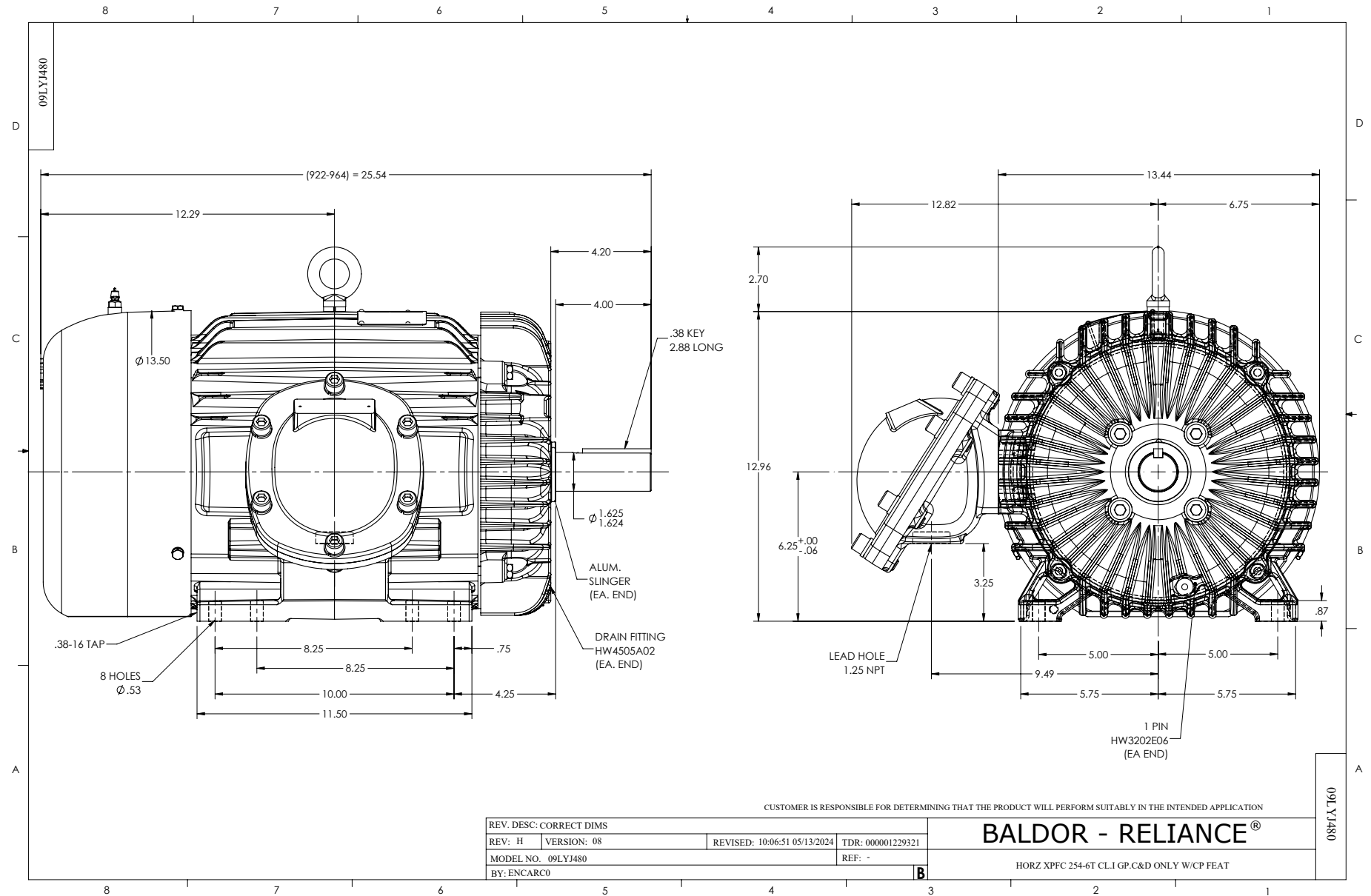
|              |            |
|--------------|------------|
| Revision     | G          |
| Type         | AC         |
| Mech. spec.  |            |
| Base         |            |
| Status       | PRD/A      |
| Elec. spec.  | 09WGT459   |
| Layout       | 09LYJ480   |
| Eff. date    | 02-14-2024 |
| CD Diagram   | CD0180     |
| Poles        | 04         |
| Leads        | 9#10       |
| Proprietary  | False      |
| Created date | 03-08-2019 |

|                               |                            |
|-------------------------------|----------------------------|
| Efficiency @ 100% Load        | 93.0 %                     |
| Electrically Isolated Bearing | Not Electrically Isolated  |
| Feedback Device               | NO FEEDBACK                |
| Haz Area Temp Code            | T3C                        |
| Heater Indicator              | No Heater                  |
| High Voltage Full Load Amps   | 22.0 a                     |
| Insulation Class              | F                          |
| Inverter Code                 | Inverter Duty              |
| IP Rating                     | NONE                       |
| KVA Code                      | J                          |
| Lifting Lugs                  | Standard Lifting Lugs      |
| Locked Bearing Indicator      | Locked Bearing             |
| Max Speed                     | 2700 rpm                   |
| Motor Lead Termination        | Flying Leads               |
| Motor Standards               | NEMA                       |
| Motor Type                    | 0960M                      |
| Mounting Arrangement          | F1                         |
| Number of Poles               | 4                          |
| Overall Length                | 25.50 IN                   |
| Power Factor                  | 83                         |
| Product Family                | Chemical Process Features  |
| Pulley Face Code              | Standard                   |
| Rodent Screen                 | None                       |
| RoHS Status                   | ROHS NON-COMPLIANT         |
| Service Factor                | 1.00                       |
| Shaft Diameter                | 1.625 IN                   |
| Shaft Ground Indicator        | No Shaft Grounding         |
| Shaft Rotation                | Reversible                 |
| Speed                         | 1770 rpm                   |
| Speed Code                    | Single Speed               |
| Starting Method               | Direct on line             |
| Thermal Device - Bearing      | None                       |
| Thermal Device - Winding      | Normally Closed Thermostat |
| Vibration Sensor Indicator    | No Vibration Sensor        |

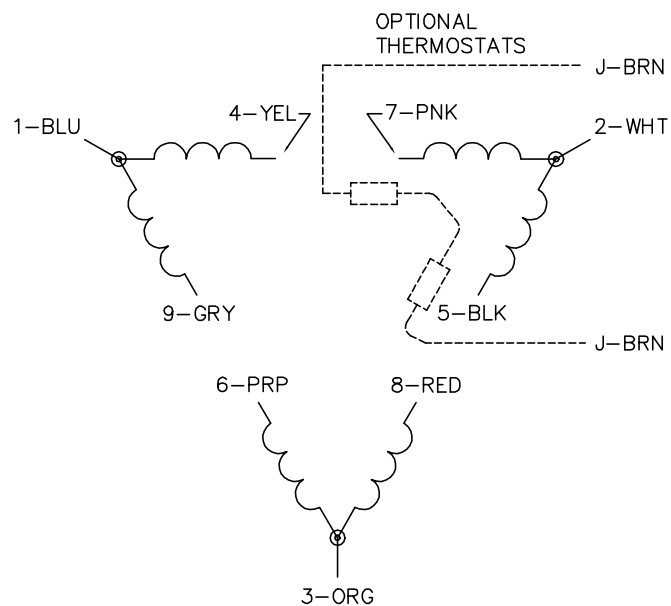
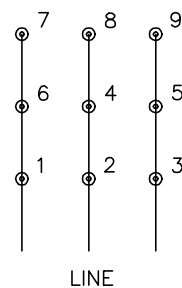
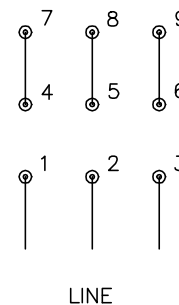
|                   |      |
|-------------------|------|
| Winding Thermal 1 | None |
| Winding Thermal 2 | None |

## Nameplate

| NP1401XPSLEV |                             |        |   |              |                     |            |      |          |    |  |  |
|--------------|-----------------------------|--------|---|--------------|---------------------|------------|------|----------|----|--|--|
| NO.          |                             |        |   |              |                     | CC         | 010A |          |    |  |  |
| S/N          |                             |        |   |              |                     | TEMP CODE  | T3C  |          |    |  |  |
| SPEC.        | 09-0000-1195                |        |   |              |                     | INV.TYPE   | PWM  |          |    |  |  |
| CAT.NO.      | DRX25244T                   |        |   |              |                     | C HP FR    | 60   | C HP TO  | 90 |  |  |
| HP           | 20//15                      |        |   |              |                     | CT HZ FROM | 6    | CT HZ TO | 60 |  |  |
| VOLTS        | 230/460//190/380            |        |   |              |                     | VT HZ FROM | 6    | VT HZ TO | 60 |  |  |
| AMPS         | 48/24//44/22                |        |   |              | MAG CUR             | 20.8/10.4  |      |          |    |  |  |
| RPM          | 1770//1470                  |        |   |              | MX RPM              | 2700       |      |          |    |  |  |
| HZ           | 60//50                      | PH     | 3 | CL           | F                   | NOM.EFF.   | 93   |          |    |  |  |
| SER.F.       | 1.00                        | DES    | A | SL HZ        | 1                   | WK2        | 2.62 |          |    |  |  |
| FRAME        | 256T                        | RATING |   | 40C AMB-CONT |                     |            |      |          |    |  |  |
|              | 55C AMB AT 1.0 SF, 60C RISE |        |   |              |                     |            |      |          |    |  |  |
|              | 1.15SF ON SINEWAVE          |        |   |              | NEMA MG-1 PT.5,IP55 |            |      |          |    |  |  |
|              |                             |        |   |              |                     |            |      |          |    |  |  |



CD0180

LOW VOLTAGE  
(2D)HIGH VOLTAGE  
(1D)

## NOTES:

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

CD0180

REV. DESC: ADD CLASS CONN00000007

REV. LTR: D

VERSION: 01

TDR: 000001099922

FILE: \AAA\00005\148

REVISED: 10: 25: 29 02/19/2019

BY: ENBRIRO

MTL: —

**BALDOR - RELIANCE®**

3PH, DV, 9 LEADS, DELTA CONNECTION

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