ABB BALDOR RELIANCE

Customer information packet

EJMM2334T

20HP, 1770RPM, 3PH, 60HZ, 256JM, 0960M, TEFC, F
Class - None
Division - Not Applicable

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Specifications

Enclosure	TEFC
Frame	256JM
Frame Material	Iron
Frequency	60.00 Hz
Haz Area Class and Group	None
Haz Area Division	Not Applicable
Motor Letter Type	Three Phase
Output @ Frequency	20.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage @ Frequency	230.0 V @ 60 HZ
	460.0 V @ 60 HZ
Agency Approvals	CSA
	UR
	NEMA PREMIUM
	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
Current @ Voltage	24.000 A @ 460.0 V
	48.000 A @ 230.0 V
	52.000 A @ 208.0 V
Design Code	A
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	93.0 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Heater Indicator	No Heater

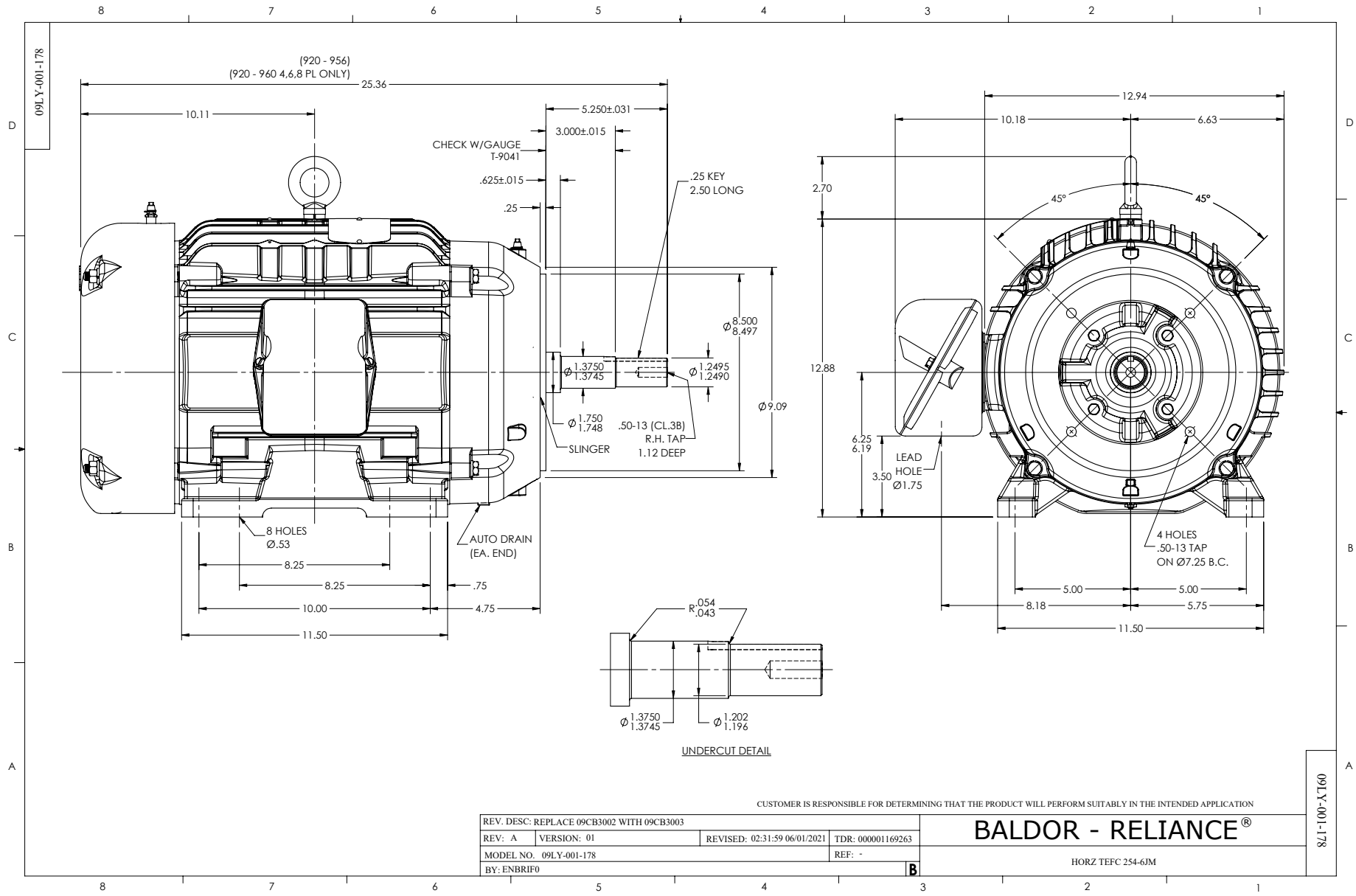
Part Detail

Revision	H
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	09WGT459
Layout	09LY-001-178
Eff. date	03-19-2024
CD Diagram	CD0180
Poles	04
Leads	9#10
Proprietary	False
Created date	01-28-2021

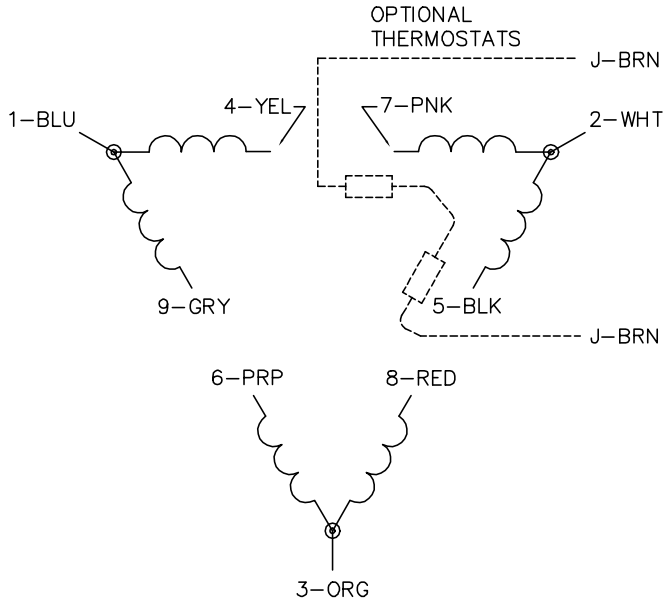
High Voltage Full Load Amps	24.0 a
Insulation Class	F
Inverter Code	Inverter Duty
KVA Code	J
Lifting Lugs	Standard Lifting Lugs
Locked Bearing Indicator	Locked Bearing
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	0960M
Mounting Arrangement	F1
Number of Poles	4
Overall Length	25.36 IN
Power Factor	83
Product Family	General Purpose
Pulley Face Code	C-Face
Rodent Screen	None
Service Factor	1.15
Shaft Diameter	1.250 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	None
Vibration Sensor Indicator	No Vibration Sensor
Winding Thermal 1	None
Winding Thermal 2	None

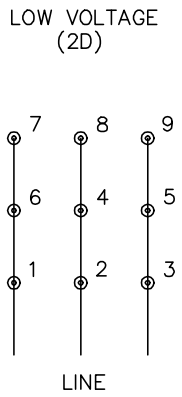
Nameplate

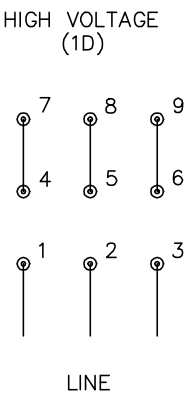
NP3441LUA									
CAT.NO.	EJMM2334T								
SPEC	09-0000-2891								
HP	20								
VOLTS	230/460								
AMPS	48/24								
RPM	1770								
FRAME	256JM	**HZ**	60			**PH**	3		
SF	1.15	**CODE**	J	**DES**	A	**CLASS**	F		
NEMA NOM. EFF	93	**PF**	83						
RATING	40C AMB-CONT								
CC	010A								
ENCL	TEFC	**SER**							
DE	6309	**ODE**	6208						
VPWM INVERTER READY									
CT6-60H(10:1)VT3-60H(20:1									
	50HZ 20HP 190/380V 58/29A								SF1.0


09LY-001-178
(920 - 956)
(920 - 960 4,6,8 PL ONLY)
25.36
10.11
5.250±.031
3.000±.015
CHECK W/GAUGE T-9041
.625±.015
.25
.25 KEY
2.50 LONG
Ø8.500
8.497
Ø1.3750
1.3745
Ø1.2495
1.2490
Ø1.750
1.748
SLINGER
.50-13 (CL.3B)
R.H. TAP
1.12 DEEP
Ø9.09
8 HOLES
Ø.53
AUTO DRAIN
(EA. END)
8.25
8.25
.75
10.00
4.75
11.50
12.94
10.18
6.63
2.70
45°
45°
12.88
6.25
6.19
3.50
LEAD
HOLE
Ø1.75
4 HOLES
.50-13 TAP
ON Ø7.25 B.C.
5.00
5.00
8.18
5.75
11.50
R.054
.043
Ø1.3750
1.3745
Ø1.202
1.196
UNDERCUT DETAIL
CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT THE PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION
REV. DESC: REPLACE 09CB3002 WITH 09CB3003
REV: A
VERSION: 01
REVISED: 02:31:59 06/01/2021
TDR: 000001169263
MODEL NO. 09LY-001-178
REF: -
BY: ENBRIF0
B
BALDOR - RELIANCE®
HORZ TEFC 254-6JM
09LY-001-178

CD0180







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: ENBRIR0
MTL: –		

BALDOR - RELIANCE®

3PH, DV, 9 LEADS, DELTA CONNECTION

SH 1 of 1