ABB BALDOR RELIANCE

Customer information packet

EJMM2333T

15HP, 1765RPM, 3PH, 60HZ, 254JM, 0944M, TEFC, F
Class - None
Division - Not Applicable

Copyright © All product information within this document is subject to ABB Motors and Mechanical Inc. copyright © protection, unless otherwise noted.
11/5/2026 11:38:13 AM

Specifications

Enclosure	TEFC
Frame	254JM
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	15.000 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	18.100 A @ 460.0 V
	36.200 A @ 230.0 V
	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
Heater Indicator	No Heater

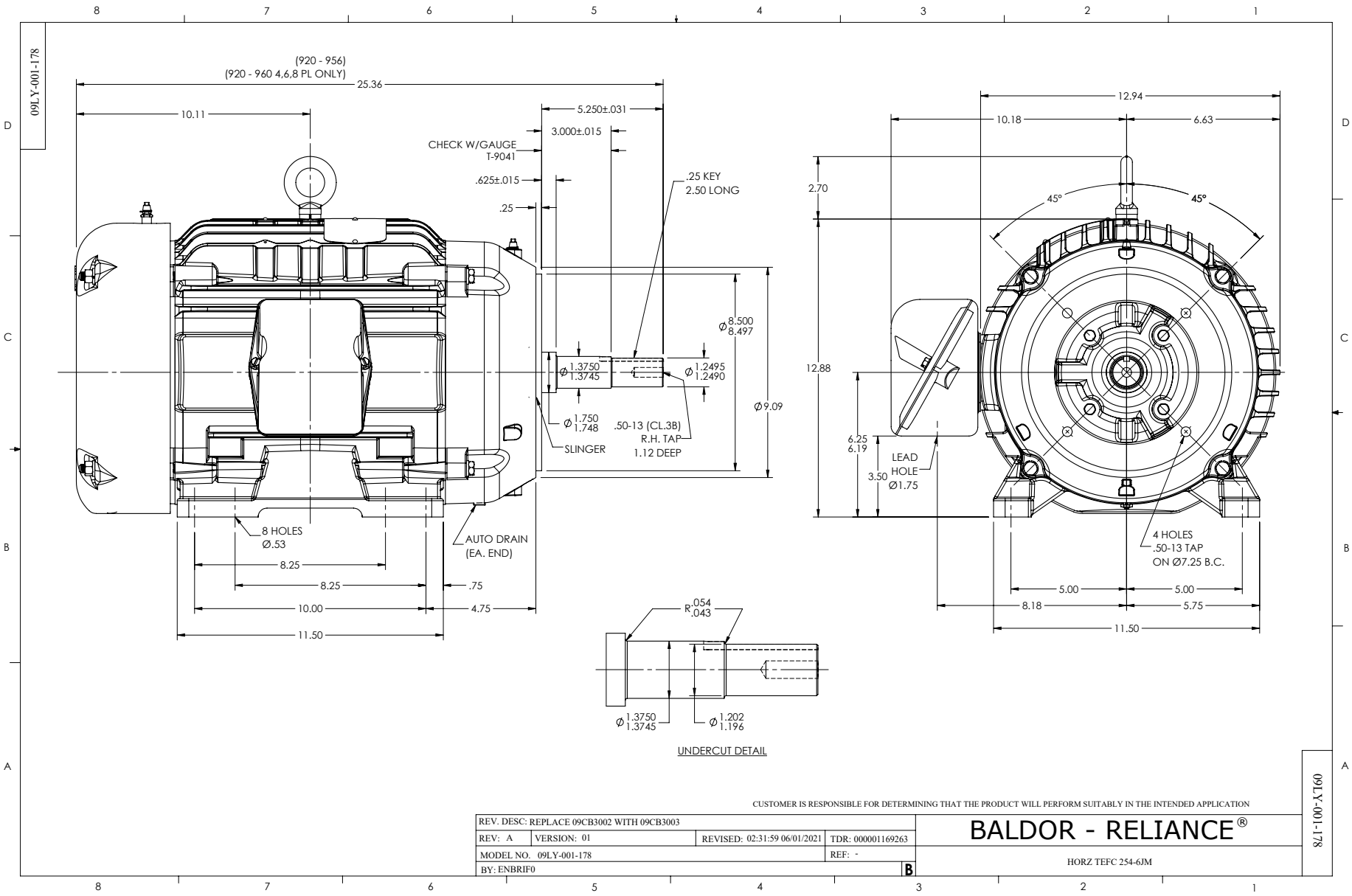
Part Detail

Revision	J
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	09WGT597
Layout	09LY-001-178
Eff. date	08-13-2025
CD Diagram	CD0005
Poles	04
Leads	9#12
Proprietary	False
Created date	02-25-2021

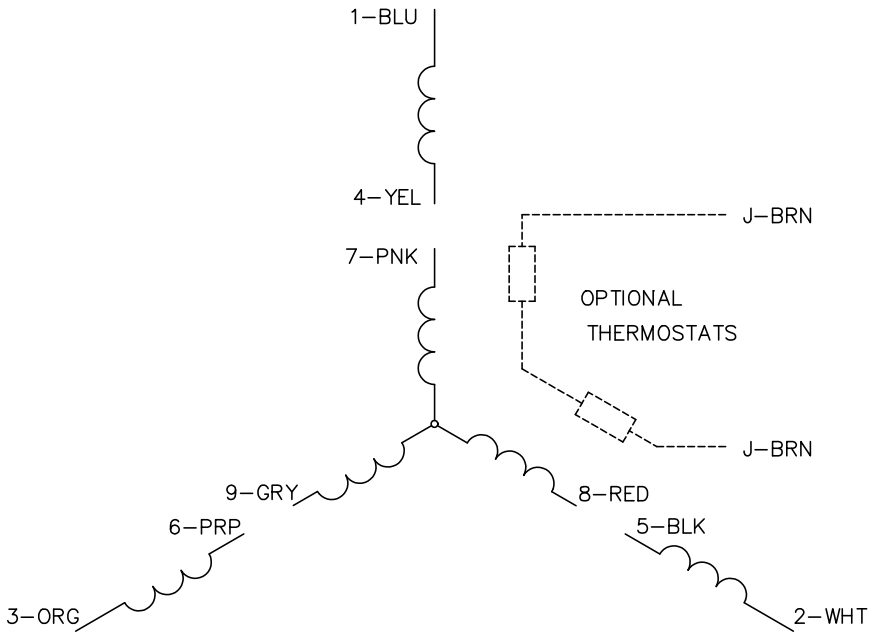
High Voltage Full Load Amps	18.1 a
Insulation Class	F
Inverter Code	Inverter Ready
KVA Code	H
Lifting Lugs	Standard Lifting Lugs
Locked Bearing Indicator	Locked Bearing
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	0944M
Mounting Arrangement	F1
Number of Poles	4
Overall Length	25.36 IN
Power Factor	84
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	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
Winding Thermal 2	None

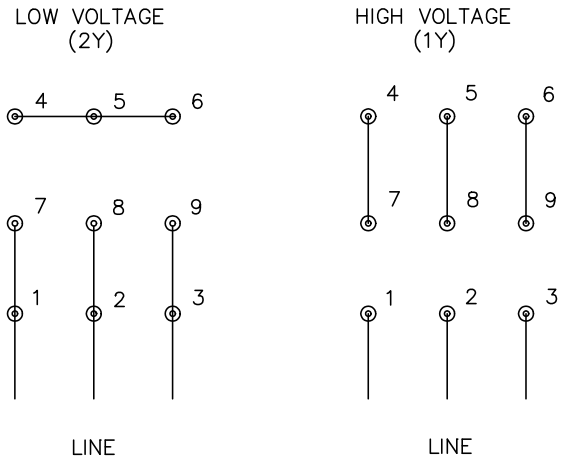
Nameplate

NP3441LUA										
CAT.NO.	EJMM2333T									
SPEC	09-0000-2962									
HP	15									
VOLTS	230/460									
AMPS	36.2/18.1									
RPM	1765									
FRAME	254JM	**HZ**	60	**PH**	3					
SF	1.15	**CODE**	H	**DES**	A	**CLASS**	F			
NEMA NOM. EFF	92.4	**PF**	84							
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 15HP 190/380V 42.2/21.1A									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
.50-13 (CL.3B)
R.H. TAP
1.12 DEEP
SLINGER
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

CD0005





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.

CD0005

REV. DESC: REVISE TO SHOW OPTIONAL COLORS			BALDOR ELECTRIC Co.
REV. LTR: E	BY: JLP	REVISED: 01/19/99 10:15	TDR: 0171435
CD0005		FILE: AAA00005140	MDL: –
		MTL: –	3PH, DV, 9 LEADS