ABB BALDOR RELIANCE

Customer information packet

EJMM4106T-G

20HP, 3520RPM, 3PH, 60HZ, 256JM, 0936M, 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	3600 RPM @ 60 HZ
Voltage @ Frequency	230.0 V @ 60 HZ
	460.0 V @ 60 HZ
Agency Approvals	CURUSEEV
	NEMA PREMIUM
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	50.000 A @ 208.0 V
	46.000 A @ 230.0 V
	23.000 A @ 460.0 V
Design Code	A
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	91.0 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Heater Indicator	No Heater
High Voltage Full Load Amps	23.0 a
Insulation Class	H

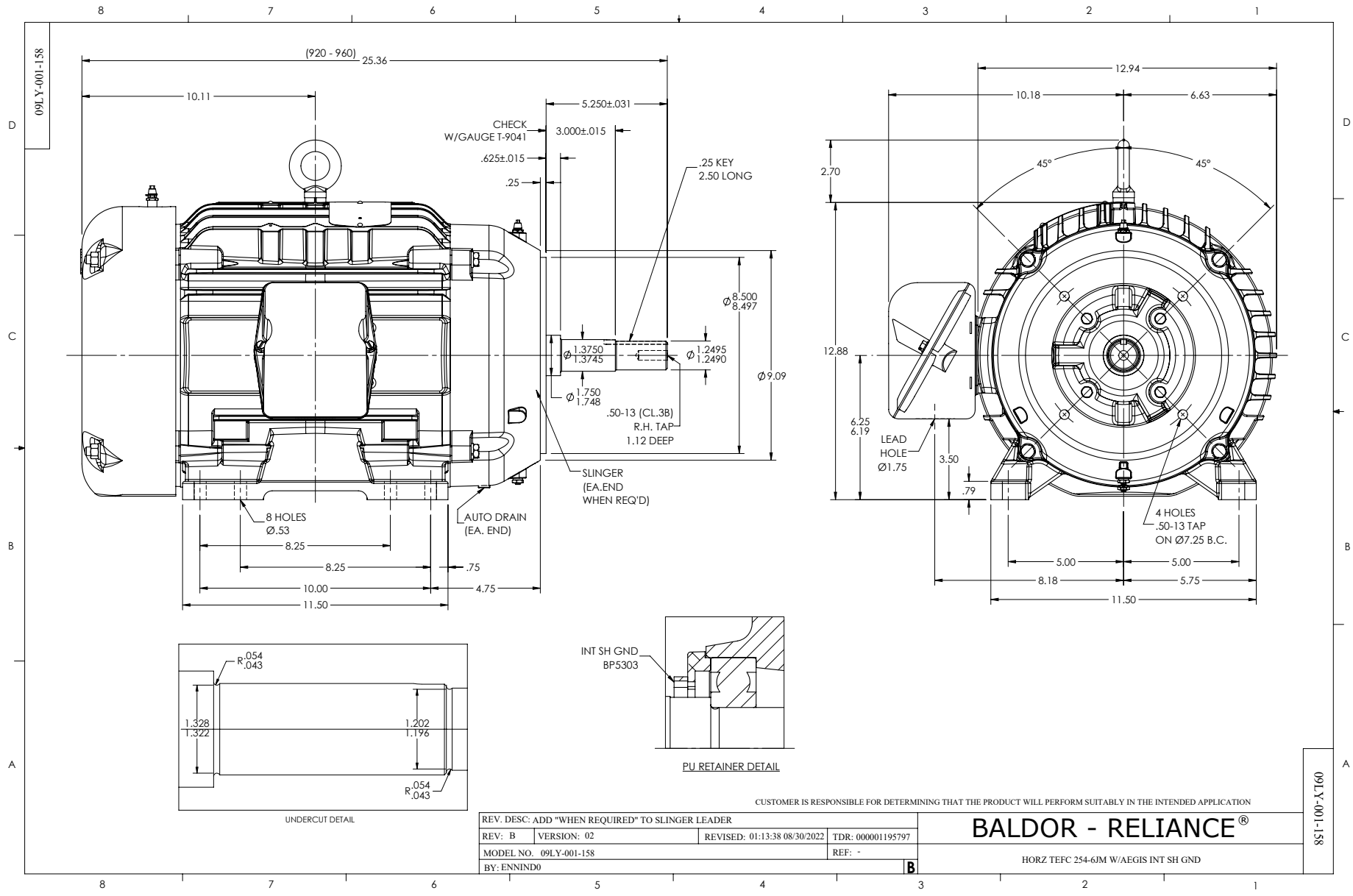
Part Detail

Revision	G
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	09WGZ601
Layout	09LY-001-158
Eff. date	06-29-2026
CD Diagram	CD0005
Poles	02
Leads	9#10
Proprietary	False
Created date	02-22-2021

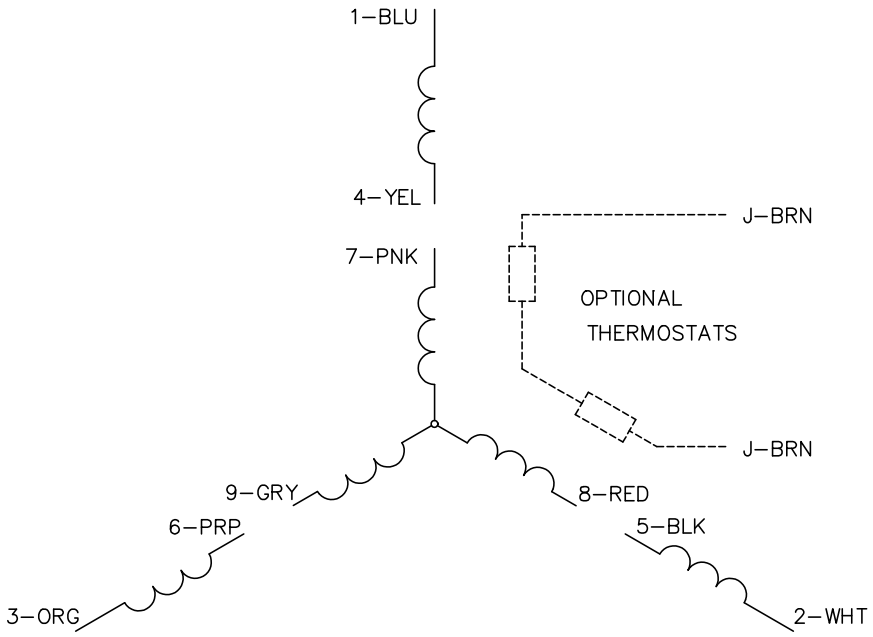
Inverter Code	Inverter Ready
KVA Code	H
Lifting Lugs	Standard Lifting Lugs
Locked Bearing Indicator	Locked Bearing
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	0936M
Mounting Arrangement	F1
Number of Poles	2
Overall Length	25.36 IN
Power Factor	89
Product Family	General Purpose
Pulley Face Code	C-Face
Rodent Screen	None
Service Factor	1.15
Shaft Diameter	1.250 IN
Shaft Ground Indicator	Shaft Grounding
Shaft Rotation	Reversible
Speed	3520 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

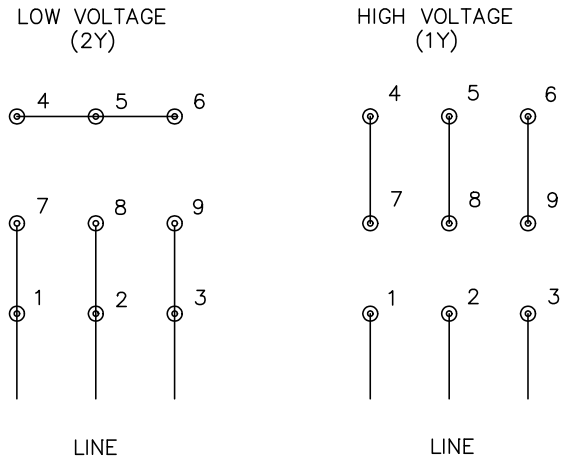
Nameplate

NP3441LUA										
CAT.NO.	EJMM4106T-G									
SPEC	09-0000-2897									
HP	20									
VOLTS	230/460									
AMPS	46/23									
RPM	3520									
FRAME	256JM	**HZ**	60			**PH**	3			
SF	1.15	**CODE**	H	**DES**	A	**CLASS**	H			
NEMA NOM. EFF	91	**PF**	89							
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 56/28A									SF1.0


09LY-001-158
(920 - 960)
25.36
10.11
5.250±.031
CHECK
W/GAUGE T-9041
3.000±.015
.625±.015
.25
.25 KEY
2.50 LONG
Ø 8.500
8.497
Ø 1.3750
1.3745
Ø 1.2495
1.2490
Ø 1.750
1.748
Ø 9.09
.50-13 (CL.3B)
R.H. TAP
1.12 DEEP
SLINGER
(EA.END
WHEN REQ'D)
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
LEAD
HOLE
Ø1.75
3.50
.79
4 HOLES
.50-13 TAP
ON Ø7.25 B.C.
5.00
5.00
8.18
5.75
11.50
R.054
.043
1.328
1.322
1.202
1.196
R.054
.043
UNDERCUT DETAIL
INT SH GND
BP5303
PU RETAINER DETAIL
CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT THE PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION
REV. DESC: ADD "WHEN REQUIRED" TO SLINGER LEADER
REV: B
VERSION: 02
REVISED: 01:13:38 08/30/2022
TDR: 000001195797
MODEL NO. 09LY-001-158
REF: -
BY: ENNIND0
B
BALDOR - RELIANCE®
HORZ TEFC 254-6JM W/AEGIS INT SH GND
09LY-001-158

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