ABB BALDOR RELIANCE

Customer information packet

EJMM2515T

20HP, 1765RPM, 3PH, 60HZ, 256JM, 3948M, OPSB, F
Class - None
Division - Not Applicable

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Specifications

Enclosure	OPSB
Frame	256JM
Frame Material	Steel
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 EEV
	NEMA PREMIUM
	UR
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
High Voltage Full Load Amps	24.0 a

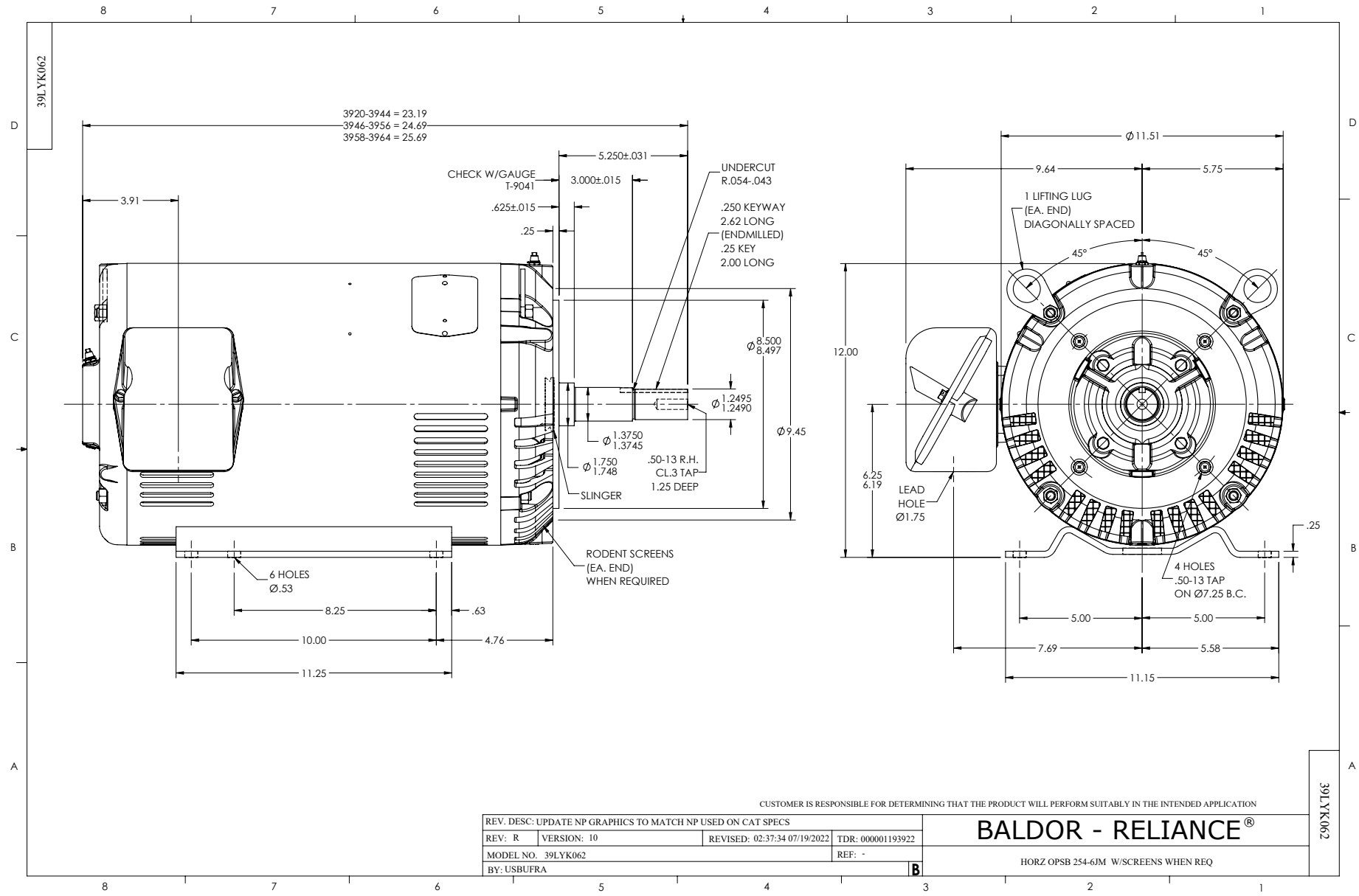
Part Detail

Revision	H
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	39WGX952
Layout	39LYK062
Eff. date	06-26-2024
CD Diagram	CD0180
Poles	04
Leads	9#10
Proprietary	False
Created date	02-12-2021

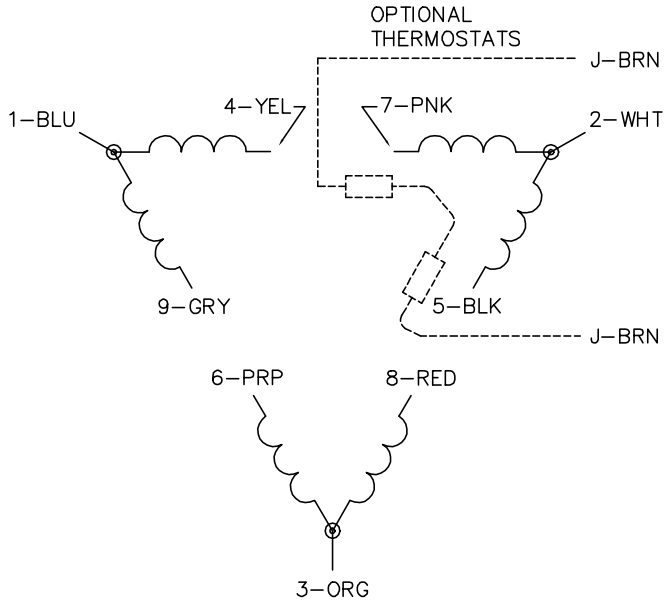
Insulation Class	F
Inverter Code	Inverter Ready
KVA Code	G
Lifting Lugs	Standard Lifting Lugs
Locked Bearing Indicator	Locked Bearing
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	3948M
Mounting Arrangement	F1
Number of Poles	4
Overall Length	24.69 IN
Power Factor	85
Product Family	General Purpose
Pulley Face Code	C-Face
Rodent Screen	Included
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

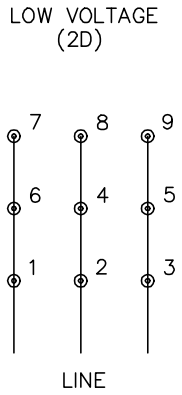
Nameplate

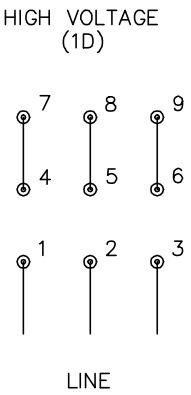
NP1259LUA									
CAT.NO.	EJMM2515T								
SPEC.	39-0000-0375								
HP	20								
VOLTS	230/460								
AMPS	48/24								
R.P.M.	1765								
FRAME	256JM	**HZ**	60			**PH**	3		
SER.F.	1.15	**CODE**	G	**DES**	A	**CLASS**	F		
NEMA NOM. EFF.	93	**P.F.**	85						
RATING	40C AMB-CONT								
CC	010A								
DE	6309	**ODE**	6208						
ENCL	OPSB	**SN**							
USABLE AT	50HZ 20HP 190/380V 58/29A								SF1.0


39LYK062
3920-3944 = 23.19
3946-3956 = 24.69
3958-3964 = 25.69
5.250±.031
CHECK W/GAUGE T-9041
3.000±.015
.625±.015
.25
UNDERCUT R.054-.043
.250 KEYWAY 2.62 LONG (ENDMILLED) .25 KEY 2.00 LONG
3.91
Ø8.500 8.497
Ø1.2495 1.2490
Ø1.3750 1.3745
Ø1.750 1.748
.50-13 R.H. CL.3 TAP 1.25 DEEP
Ø9.45
SLINGER
RODENT SCREENS (EA. END) WHEN REQUIRED
6 HOLES Ø.53
8.25
.63
10.00
4.76
11.25
Ø11.51
9.64
5.75
1 LIFTING LUG (EA. END) DIAGONALLY SPACED
45°
45°
12.00
6.25 6.19
LEAD HOLE Ø1.75
.25
4 HOLES .50-13 TAP ON Ø7.25 B.C.
5.00
5.00
7.69
5.58
11.15
CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT THE PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION
REV. DESC: UPDATE NP GRAPHICS TO MATCH NP USED ON CAT SPECS
REV: R
VERSION: 10
REVISED: 02:37:34 07/19/2022
TDR: 000001193922
MODEL NO. 39LYK062
REF: -
BY: USBUFRA
B
BALDOR - RELIANCE®
HORZ OPSB 254-6JM W/SCREENS WHEN REQ
39LYK062

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