ABB BALDOR RELIANCE

Customer information packet

CEM2506T-G

7.5HP, 1180RPM, 3PH, 60HZ, 254TC, OPSB, F1
Class - None
Division - Not Applicable

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Specifications

Enclosure	OPSB
Frame	254TC
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	7.500 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1200 RPM @ 60 HZ
Voltage @ Frequency	230.0 V @ 60 HZ
	460.0 V @ 60 HZ
Agency Approvals	CSA
	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	22.400 A @ 230.0 V
	11.000 A @ 460.0 V
Design Code	A
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	90.2 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Heater Indicator	No Heater
High Voltage Full Load Amps	11.0 a

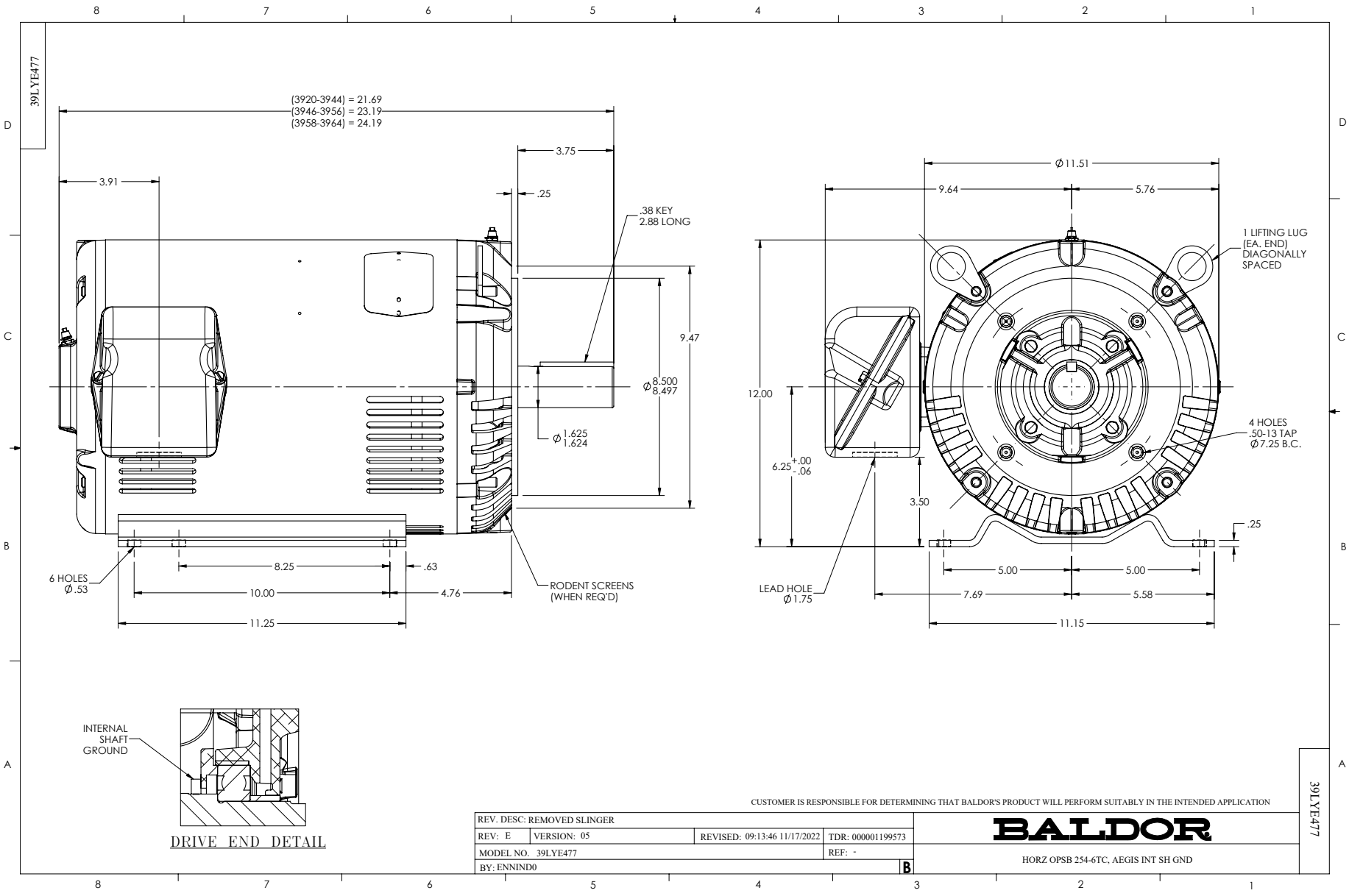
Part Detail

Revision	J
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	39WGX747
Layout	39LYE477
Eff. date	06-11-2024
CD Diagram	CD0180
Poles	06
Leads	9#12
Proprietary	False
Created date	02-20-2020

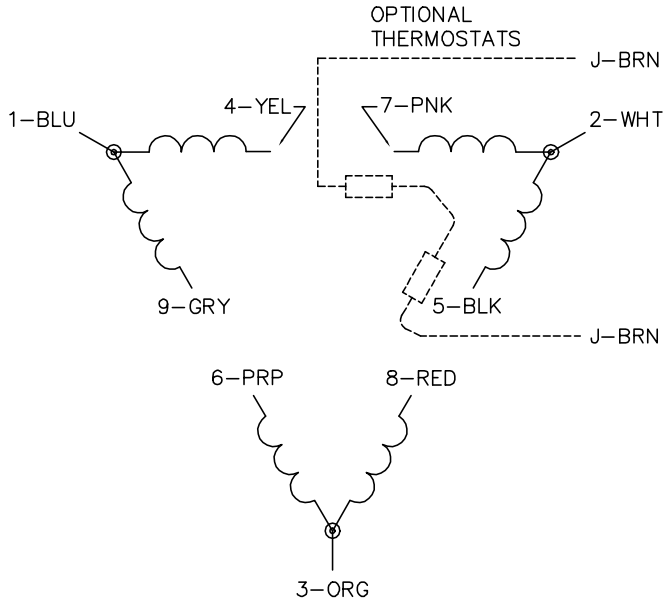
Insulation Class	H
Inverter Code	Inverter Ready
IP Rating	NONE
KVA Code	H
Lifting Lugs	Standard Lifting Lugs
Locked Bearing Indicator	Locked Bearing
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	3950M
Mounting Arrangement	F1
Number of Poles	6
Overall Length	23.19 IN
Power Factor	70
Product Family	General Purpose
Pulley Face Code	C-Face
Rodent Screen	None
Service Factor	1.15
Shaft Diameter	1.625 IN
Shaft Ground Indicator	Shaft Grounding
Shaft Rotation	Reversible
Speed	1180 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

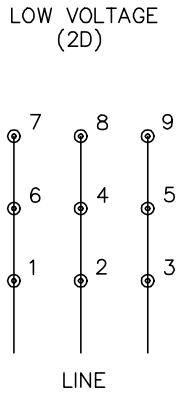
Nameplate

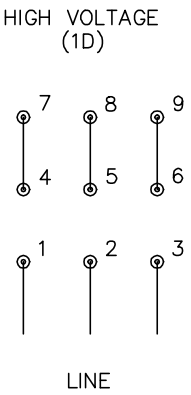
NP3553LUA										
CAT.NO.	CEM2506T-G									
SPEC.	39-0000-0266									
HP	7.5									
VOLTS	230/460									
AMPS	22.4/11									
RPM	1180									
FRAME	254TC	**HZ**	60			**PH**	3			
SF	1.15	**CODE**	H	**DES**	A	**CLASS**	H			
NEMA NOM. EFF	90.2	**PF**	70							
RATING	40C AMB-CONT									
CC	010A									
ENCL	OPSB	**SN**								
DE	6309	**ODE**	6208							
VPWM INVERTER READY										
CT30-60(2:1) VT3-60(20:1)										
USABLE AT	50HZ 7.5HP 190/380V 26.4/13.2A									SF1.0


39LYE477
(3920-3944) = 21.69
(3946-3956) = 23.19
(3958-3964) = 24.19
3.91
3.75
.25
.38 KEY
2.88 LONG
9.47
Ø8.500
8.497
Ø1.625
1.624
6 HOLES
Ø.53
8.25
.63
10.00
4.76
11.25
RODENT SCREENS
(WHEN REQ'D)
Ø11.51
9.64
5.76
1 LIFTING LUG
(EA. END)
DIAGONALLY
SPACED
12.00
4 HOLES
.50-13 TAP
Ø7.25 B.C.
6.25 +.00 -.06
3.50
.25
LEAD HOLE
Ø1.75
5.00
5.00
7.69
5.58
11.15
INTERNAL
SHAFT
GROUND
DRIVE END DETAIL
CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION
REV. DESC: REMOVED SLINGER
REV: E
VERSION: 05
REVISED: 09:13:46 11/17/2022
TDR: 000001199573
MODEL NO. 39LYE477
REF: -
BY: ENNIND0
B
BALDOR
HORZ OPSB 254-6TC, AEGIS INT SH GND
39LYE477

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