



Customer information packet

ECS101T2H3EF4

3HP, 1800RPM, 3PH, 60HZ, 182T, TEFC, TOP

Class - None

Division - Not Applicable

Specifications

Enclosure	TEFC
Frame	182T
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	3.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage @ Frequency	230.0 V @ 60 HZ
Agency Approvals	UL WEEE
Ambient Temperature	40 °C
Auxillary Box	No Auxillary Box
Auxillary Box Lead Termination	None
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Blower	None
Constant Torque Speed Range	6
Current @ Voltage	7.300 A @ 230.0 V
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	92.8 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Heater Indicator	No Heater
High Voltage Full Load Amps	7.3 a
Insulation Class	F
Inverter Code	Inverter Duty
IP Rating	NONE
Lifting Lugs	Standard Lifting Lugs

Part detail

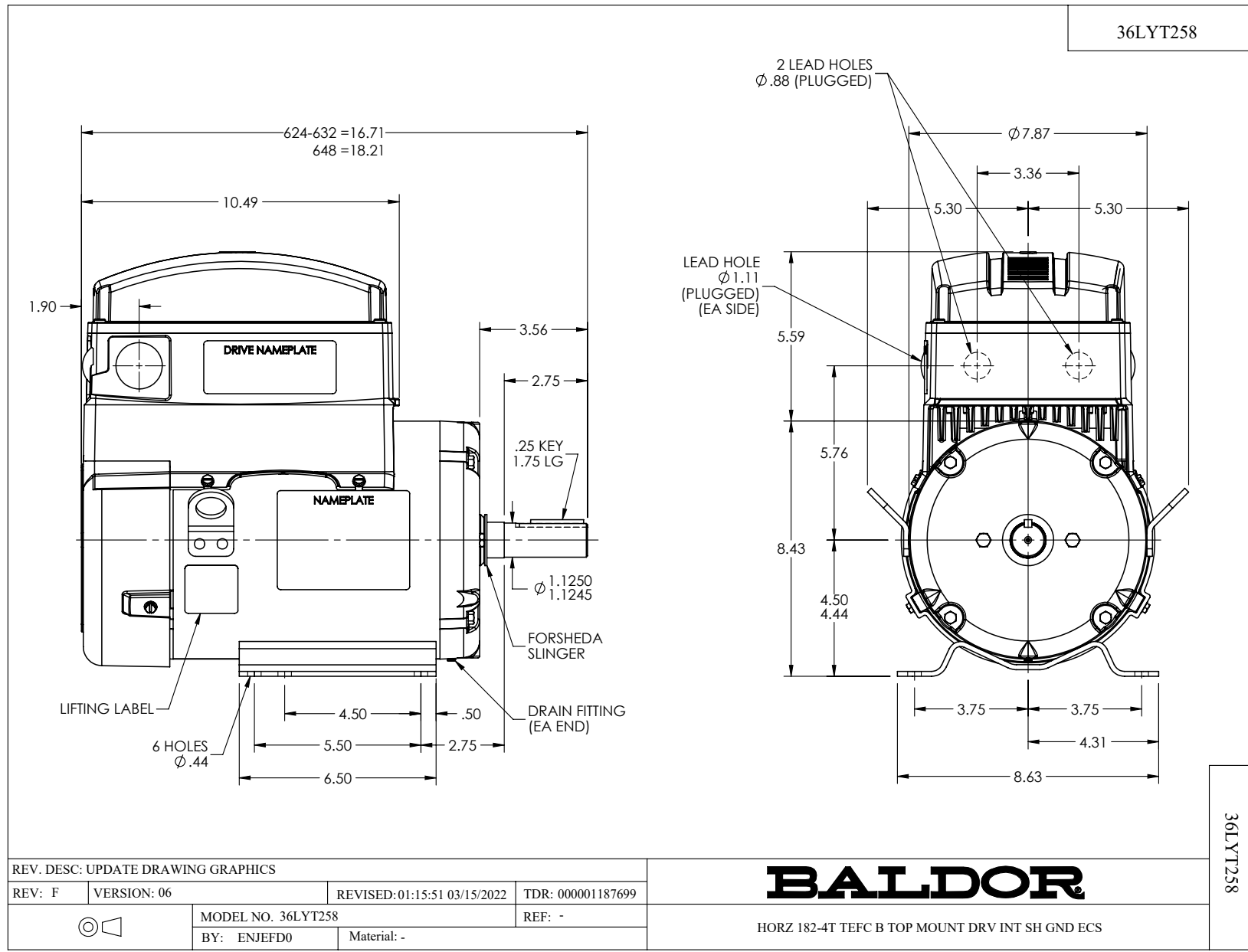
Revision	J
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	36WGA0023
Layout	36LYT258
Eff. date	11-15-2024
CD Diagram	CD0006B03
Poles	04
Leads	3#14 19" LONG LEADS
Proprietary	False
Created date	07-13-2020

Locked Bearing Indicator	No Locked Bearing
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	3624B
Mounting Arrangement	F1
Number of Poles	4
Overall Length	16.71 IN
Power Factor	97
Product Family	General Purpose
Pulley Face Code	Standard
Rodent Screen	None
Service Factor	1.00
Shaft Diameter	1.125 IN
Shaft Ground Indicator	Shaft Grounding
Shaft Rotation	Reversible
Speed	1800 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

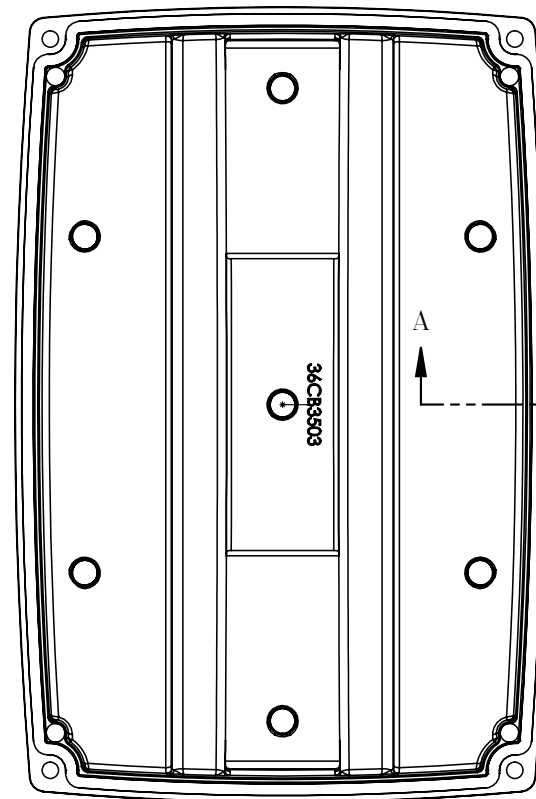
Nameplate

NP3978A00					
PART NO.	ECIN2A10P5				
U1	240	PH	3	HZ	60
I1	9.3	W/EXT. CHOKE			7.8
SERIAL #					

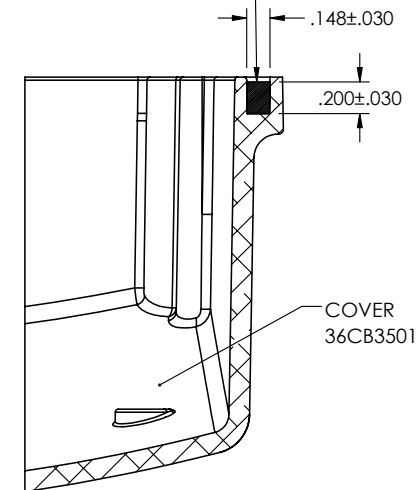
NP3968A01A01									
CAT.NO.	ECS101T2H3EF4								
SPEC.	36-0000-0370								
FRAME	182T		ENCL.		TEFC		IP	54	
HP	3	40	C AMB			CONT			
NOM. EFF.	92.8		PF	97		SF	1		
VOLTS	230		FLA		7.3				
RPM	1800		RPM-MAX			4000			
HZ	60		PH.	3	CLASS		F		
BEMF (V)	106		RS (OHMS)				0.97		
LD (MH)	14.4				LQ (MH)			54.4	
VPWM	CHP	60	TO		133				
CT	6	TO	60		VT	1	TO	133	
MATCHED INV	ECIN2A10P5								
DE	6206		ODE		6205				
SERIAL #									



36CB3503A00



MATERIAL: RAMPF, RAKU-PUR 32-3280-51L



SECTION A-A

REV. DESC: NEW

REV: -

VERSION: 00

REVISED: 09:13:16 01/15/2020

TDR: 000001129989



MODEL NO. 36CB3503A00

REF: -

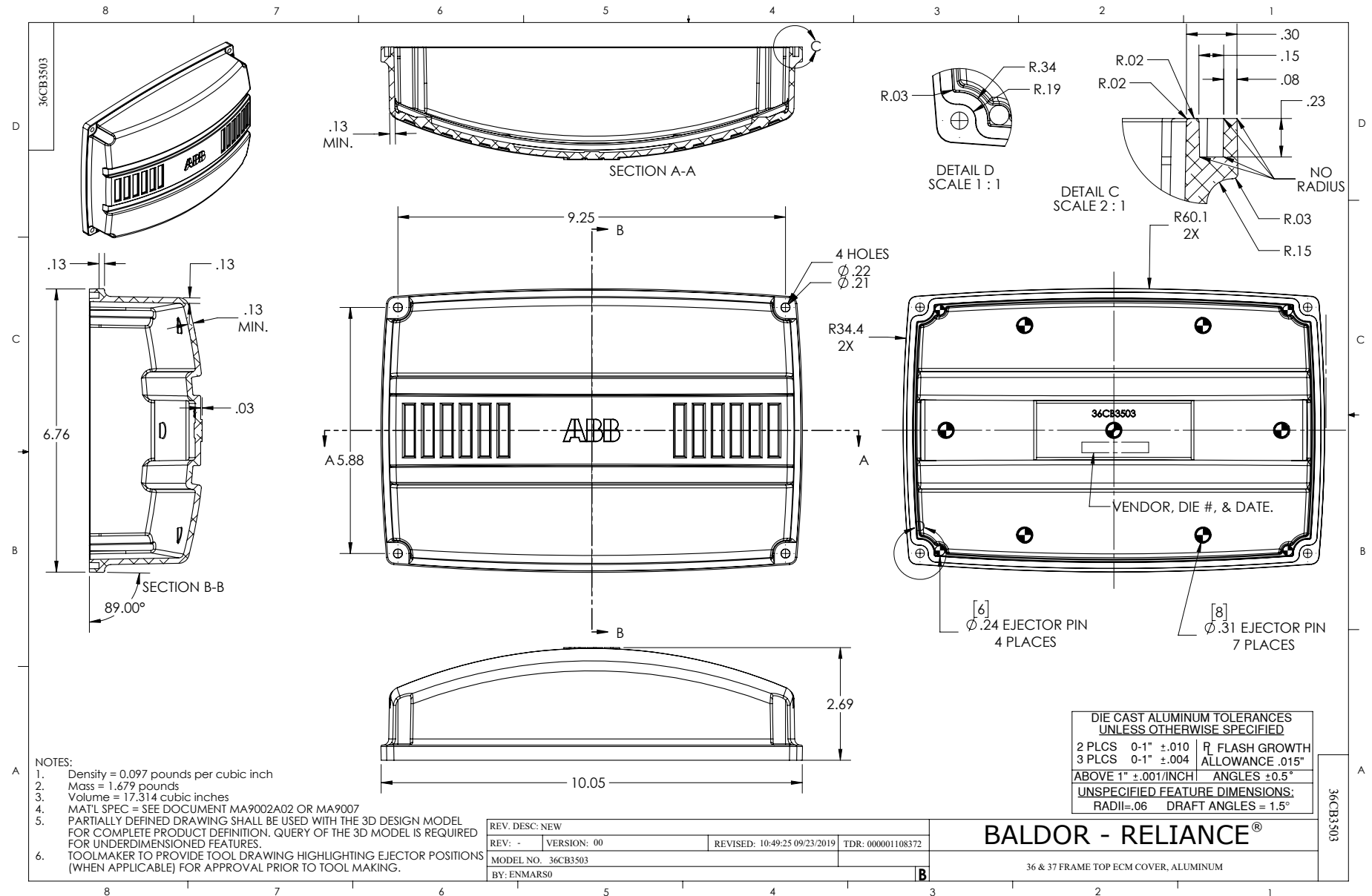
BY: ENMARS0

Material: -

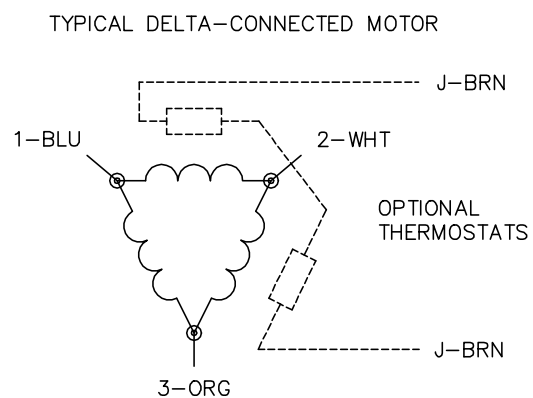
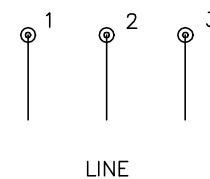
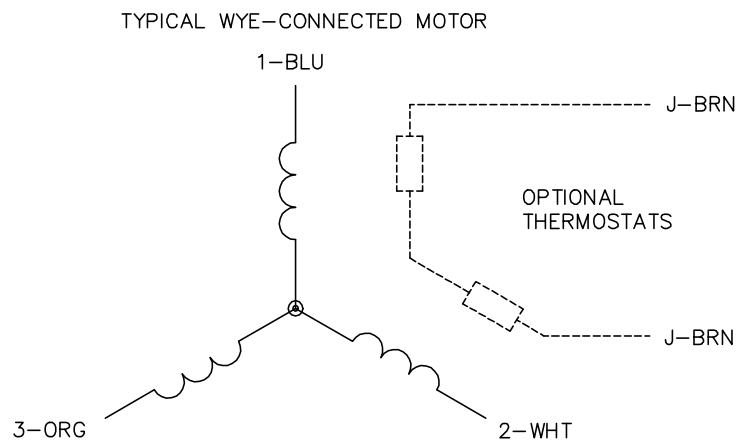
BALDOR - RELIANCE®

36 & 37 FRAME TOP ECM ALUMINUM COVER WITH FOAM SEAL

36CB3503A00



CD0006



NOTES:

1. THREE LEAD MOTOR MAY BE EITHER WYE CONNECTED OR DELTA CONNECTED.
2. INTERCHANGE ANY TWO LINE LEADS TO REVERSE ROTATION.
3. OPTIONAL THERMOSTATS ARE PROVIDED WHEN SPECIFIED.
4. ACTUAL NUMBER OF INTERNAL PARALLEL CIRCUITS MAY VARY.
5. LEAD COLORS ARE OPTIONAL. LEADS MUST BE NUMBERED AS SHOWN.

CD0006

REV. DESC: ADD CLASS CONN00000007

REV. LTR: E

VERSION: 01

TDR: 000001099922

FILE: \AAA\00005\141

REVISED: 10:24:49 02/19/2019

BY: ENBRIRO

MTL: —

**BALDOR - RELIANCE®**

3PH, SV, 3 LEADS, WYE OR DELTA CONNECTED

SH 1 of 1

