



Customer information packet

ECS100A4H5EC4

5HP, 1800RPM, 3PH, 60HZ, 184TC, 3632B, TEFC, F1

Class - None

Division - Not Applicable

Specifications

Enclosure	TEFC
Frame	184TC
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	5.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage @ Frequency	460.0 V @ 60 HZ
Agency Approvals	UL WEEE
Ambient Temperature	40 °C
Auxiliary Box	NO AUXILLARY BOX
Auxiliary Box Lead Termination	None
Base Indicator	No Mounting
Bearing Grease Type	Polyrex EM (-20F +300F)
Blower	None
Constant Torque Speed Range	6
Current @ Voltage	5.300 A @ 460.0 V
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	93.7 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Heater Indicator	No Heater
High Voltage Full Load Amps	5.3 a
Insulation Class	F
Inverter Code	Inverter Duty
IP Rating	NONE
Lifting Lugs	Standard Lifting Lugs

Part detail

Revision	G
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	36WGA0022
Layout	36LYT290
Eff. date	05-08-2024
CD Diagram	CD0006B03
Poles	04
Leads	3#12 15" LONG LEADS
Proprietary	False
Created date	09-28-2020

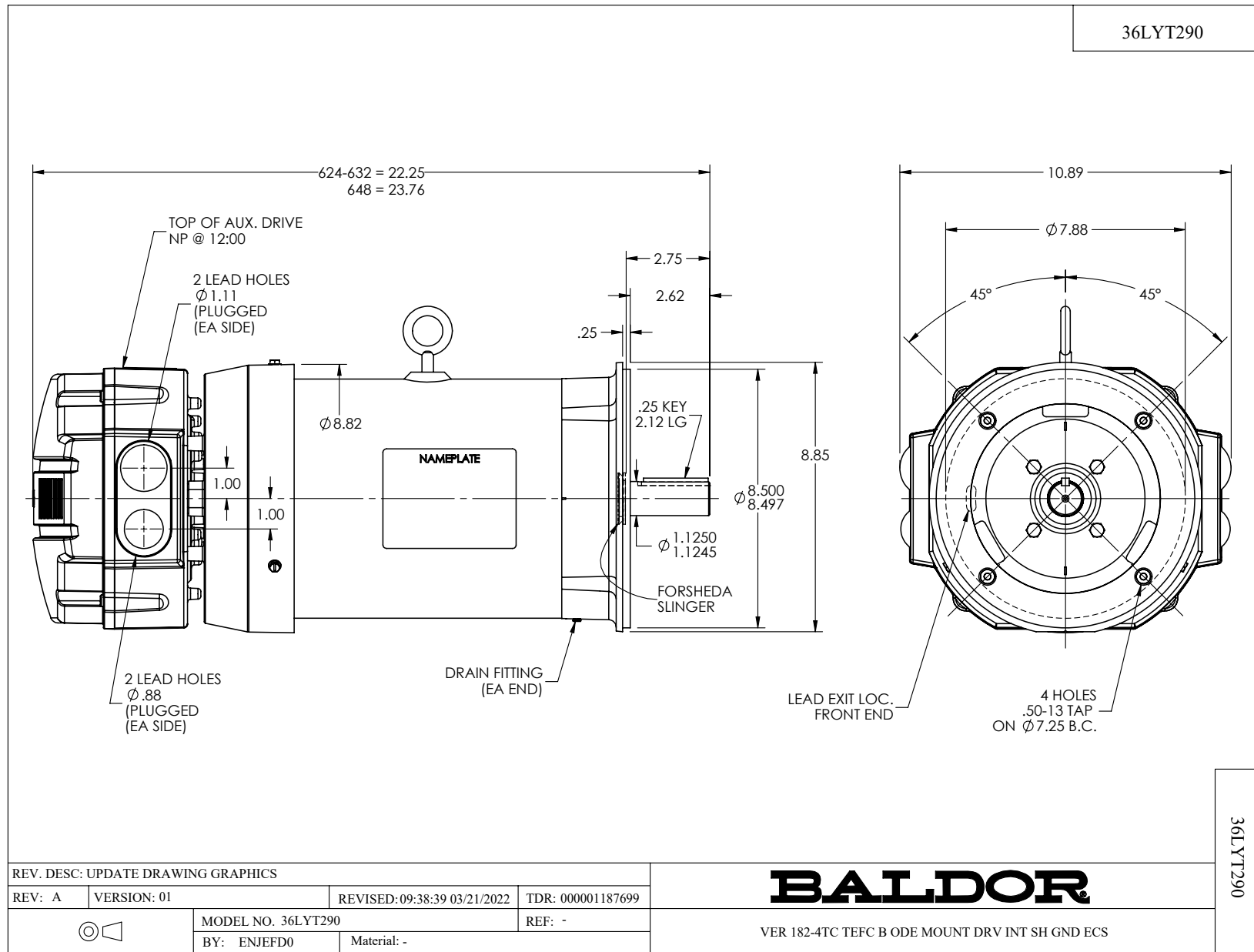
Locked Bearing Indicator	Locked Bearing
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	3632B
Mounting Arrangement	F1
Number of Poles	4
Overall Length	22.25 IN
Power Factor	97
Product Family	General Purpose
Pulley Face Code	C-Face
Rodent Screen	None
Service Factor	1.00
Shaft Diameter	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

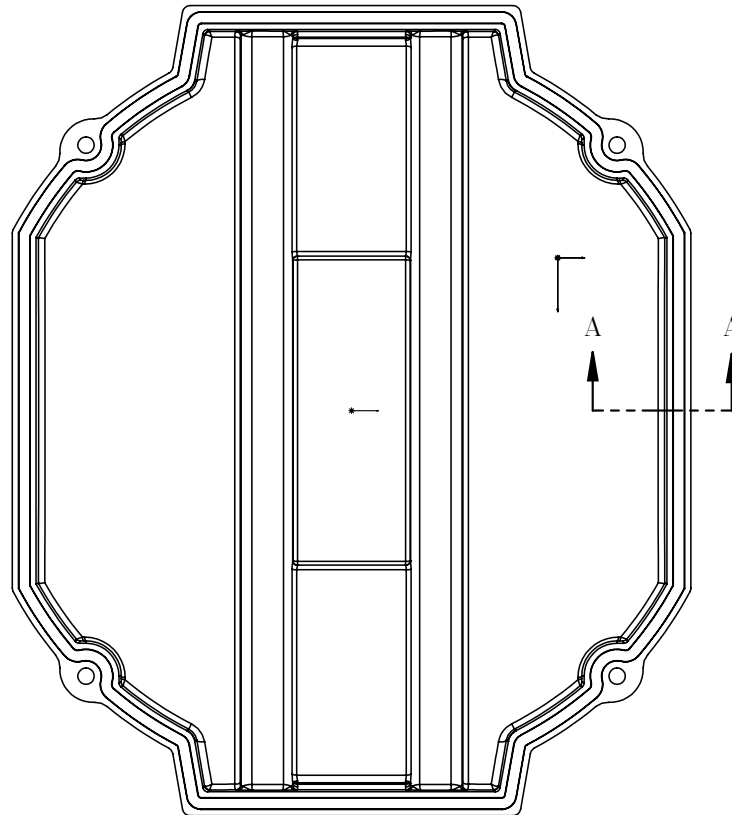
NP3978A01						
PART NO.	ECI4A5P8					
U1	480	PH	3	HZ	60	
I1	7.1	W/EXT. CHOKE				6.0
SERIAL #						

NP3968A01A01

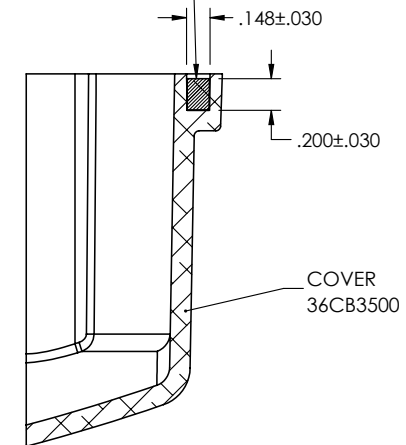
CAT.NO.	ECS100A4H5EC4									
SPEC.	36-0001713									
FRAME	184TC			ENCL.		TEFC		IP		54
HP	5	40		C AMB			CONT			
NOM. EFF.	93.7		PF	97		SF		1		
VOLTS	460			FLA		5.3				
RPM	1800			RPM-MAX			4000			
HZ	60		PH.	3	CLASS			F		
BEMF (V)	252			RS (OHMS)					3.30	
LD (MH)	54.0				LQ (MH)			191.0		
VPWM	CHP	60	TO		133					
CT	6	TO	60		VT		1	TO	133	
MATCHED INV	ECI4A5P8									
DE	6206			ODE		6205				
SERIAL #										



36CB3500A00



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



SECTION A-A

REV. DESC: UPDATE MATERIAL

REV: A VERSION: 01 REVISED: 10:45:08 03/29/2019 TDR: 000001101646



MODEL NO. 36CB3500A00

REF: -

BY: ENMARS0

Material: -

BALDOR - RELIANCE®

36 FRAME ODE ECM COVER WITH FOAM SEAL

36CB3500A00

