



Customer information packet

ECS101M0H5EC4

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	230.0 V @ 60 HZ 460.0 V @ 60 HZ
Agency Approvals	UL WEEE
Ambient Temperature	40 °C
Auxillary Box	No Auxillary Box
Auxillary Box Lead Termination	None
Base Indicator	No Mounting
Bearing Grease Type	Polyrex EM (-20F +300F)
Blower	None
Constant Torque Speed Range	6
Current @ Voltage	10.500 A @ 230.0 V 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

Part detail

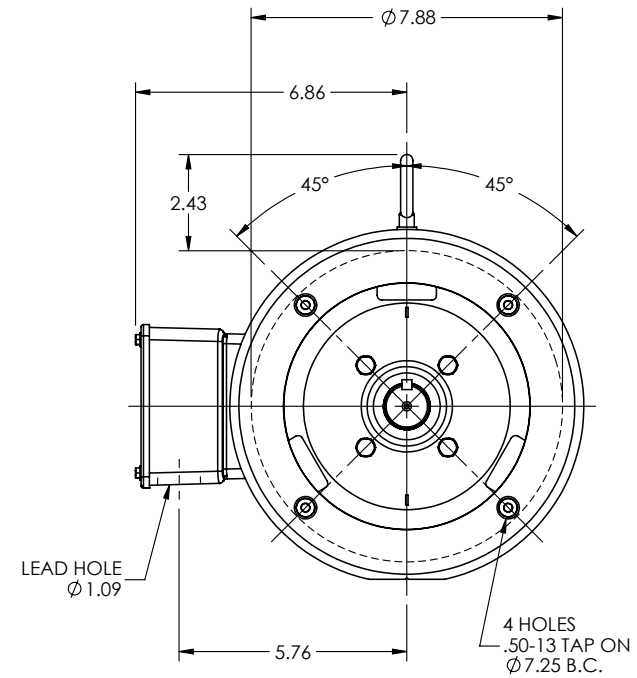
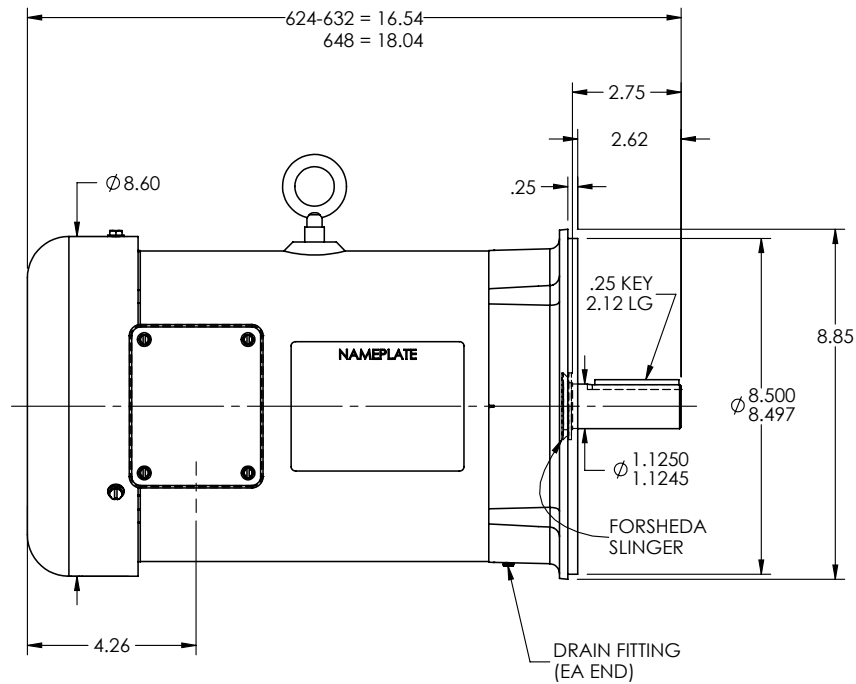
Revision	J
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	36WGA0020
Layout	36LYT291
Eff. date	02-20-2025
CD Diagram	CD0005A25
Poles	04
Leads	9#12
Proprietary	False
Created date	09-28-2020

IP Rating	NONE
Lifting Lugs	Standard Lifting Lugs
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	16.54 IN
Power Factor	97
Product Family	General Purpose
Pulley Face Code	C-Face
Rodent Screen	None
Service Factor	1.50
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

NP3968C01A01										
CAT.NO.	ECS101M0H5EC4									
SPEC.	36-0001738									
FRAME	184TC		ENCL.		TEFC		IP	54		
HP	5	40	C AMB			CONT				
NOM. EFF.	93.7	PF	97	SF		1.5				
VOLTS	230/460		FLA		10.5/5.3					
RPM	1800		RPM-MAX			4000				
HZ	60		PH.	3	CLASS		F			
BEMF (V)	126/252			RS (OHMS)				0.82/3.30		
LD (MH)	13.5/54.0			LQ (MH)				47.8/191.0		
VPWM	CHP	60	TO		133					
CT	6	TO	60	VT		1	TO	133		
MATCHED INV										
DE	6206		ODE		6205					
SERIAL #										

36LYT291



CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT ABB'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION

REV. DESC: UPDATE DRAWING GRAPHICS

REV: A VERSION: 01 REVISED: 10:42:36 03/21/2022 TDR: 000001187699



MODEL NO. 36LYT291

REF: -

BY: ENJEFD0

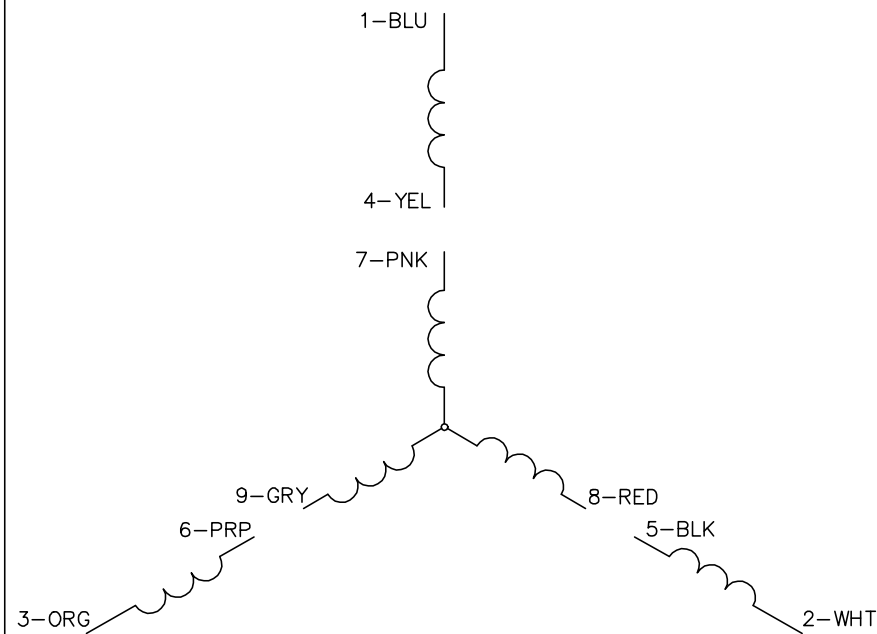
Material: -

BALDOR

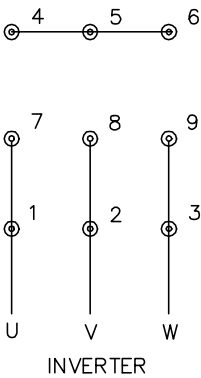
VER 182-4TC TEFC B EYEBOLT INT SH GND ECS

36LYT291

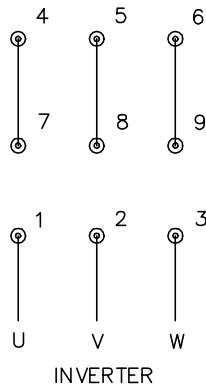
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LOW VOLTAGE
(2Y)



HIGH VOLTAGE
(1Y)



NOTES:

1. INTERCHANGE ANY TWO LINE LEADS TO REVERSE ROTATION.
2. ACTUAL NUMBER OF INTERNAL PARALLEL CIRCUITS MAY BE A MULTIPLE OF THOSE SHOWN ABOVE.
3. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

REV. DESC: NEW		
REV. LTR: -	VERSION: 00	TDR: 000001135746
FILE: \AAA\00253\082	REVISED: 01:10:57 03/30/2020	BY: ENMARSO
MTL: -	© □	

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3PH, DV, 9 LEADS, ECS
SH 1 of 1

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