

**BALDOR • RELIANCE**

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# Customer information packet

## ECS101M0K5P5FF4

5.5KW, 1500RPM, 3PH, 50HZ, D132M, 3730B, TEFC

Class - None

Division - Not Applicable

## Specifications

Enclosure	TEFC
Frame	D132M
Frame Material	Steel
Frequency	50.00 Hz
Haz Area Class and Group	None
Haz Area Division	Not Applicable
Motor Letter Type	Three Phase
Output @ Frequency	5.500 KW @ 50 HZ
Phase	3
Synchronous Speed @ Frequency	1500 RPM @ 50 HZ
Voltage @ Frequency	190.0 V @ 50 HZ 380.0 V @ 50 HZ
Agency Approvals	CE CULUS 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	5
Current @ Voltage	10.500 A @ 380.0 V 21.000 A @ 190.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	S1
Efficiency @ 100% Load	92.7 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Frame Prefix	D
Heater Indicator	No Heater

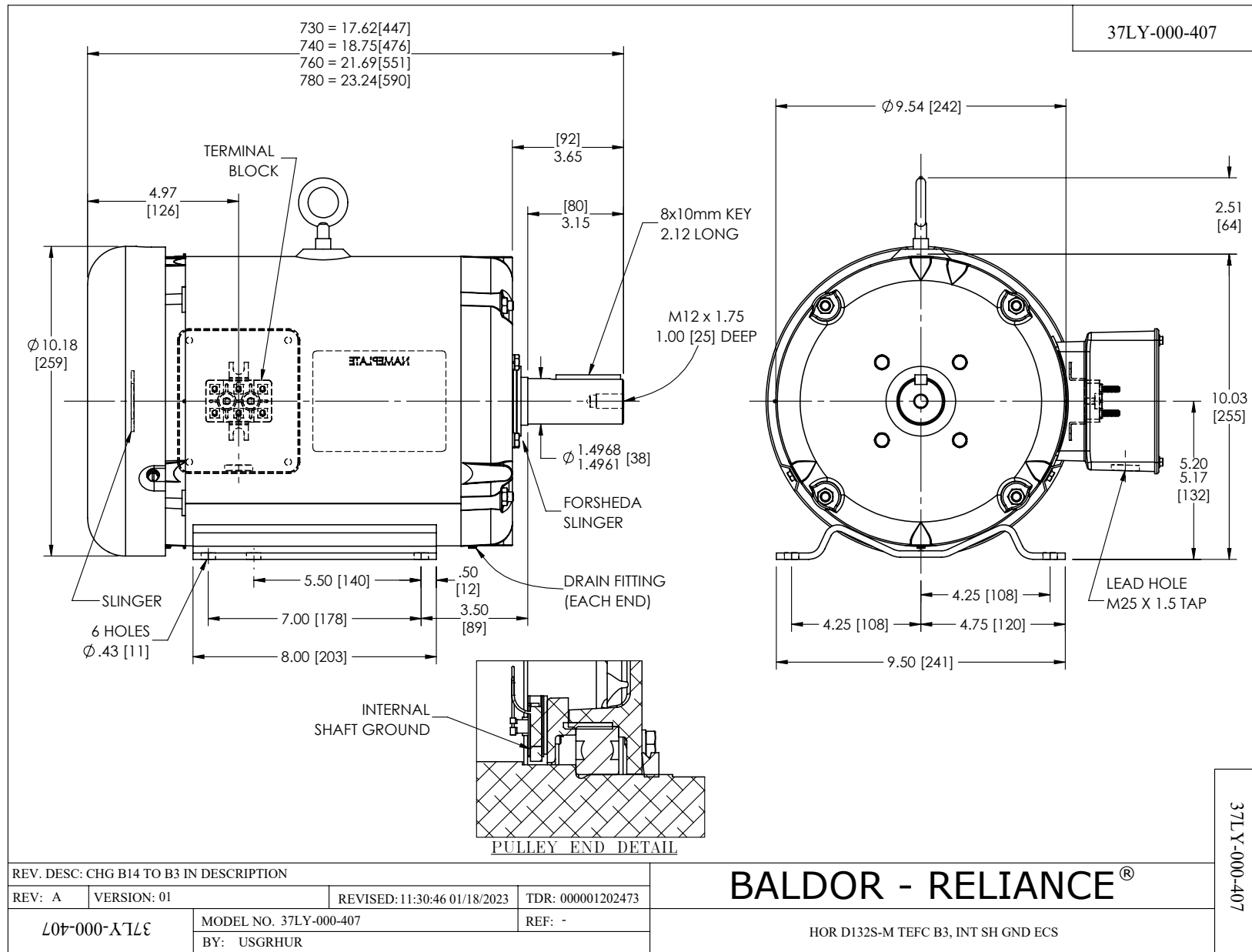
## Part detail

Revision	H
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	37WGA0016
Layout	37LY-000-407
Eff. date	09-04-2024
CD Diagram	CD0005A25
Poles	04
Leads	9#12
Proprietary	False
Created date	10-18-2022

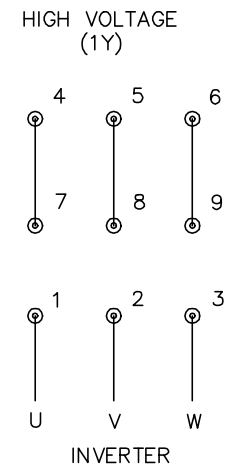
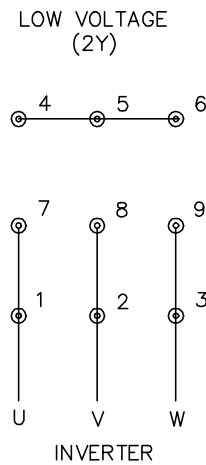
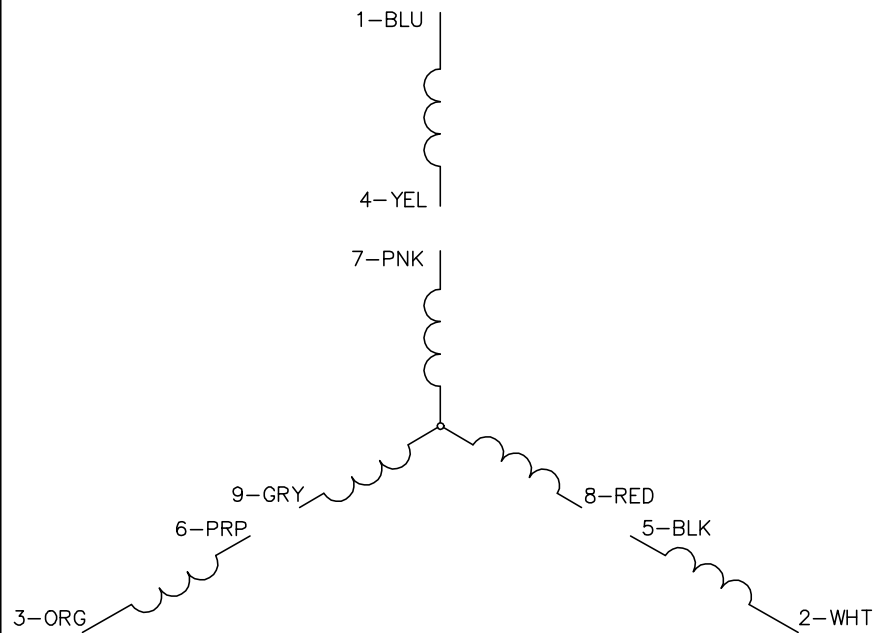
High Voltage Full Load Amps	10.5 a
Insulation Class	F
Inverter Code	Inverter Duty
Lifting Lugs	Standard Lifting Lugs
Locked Bearing Indicator	No Locked Bearing
Motor Lead Termination	Flying Leads
Motor Standards	IEC
Motor Type	3730B
Mounting Arrangement	B14
Number of Poles	4
Overall Length	17.62 IN
Power Factor	90
Product Family	General Purpose
Pulley Face Code	Standard
Rodent Screen	None
Service Factor	1.00
Shaft Diameter	1.497 IN
Shaft Ground Indicator	Shaft Grounding
Shaft Rotation	Reversible
Speed	1500 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**

<b>NP3968B01A01</b>									
<b>CAT.NO.</b>	ECS101MOK5P5FF4								
<b>SPEC.</b>	37-0000-0483				<b>YR</b>				
<b>FRAME</b>	D132S	<b>IP</b>	55	<b>WT.</b>	57				
<b>KW</b>	5.5	<b>HZ</b>	50	<b>PH</b>	3	<b>DUTY-IPM</b>	S1		
<b>INS CL</b>	F	<b>CLASS RISE</b>		B	<b>AMB-C</b>		40		
<b>EFF. CL</b>	IE5	<b>EFF</b>	92.7	<b>COSφ</b>		90			
<b>VOLTS</b>	190/380		<b>FLA</b>	21.85/10.92					
<b>1/MIN</b>	1500			<b>1/MIN MAX</b>		3000			
<b>BEMF (V)</b>	94/188			<b>RS (OHMS)</b>		0.35/1.39			
<b>LD (MH)</b>	6.99/28.09			<b>LQ (MH)</b>		20.19/80.59			
<b>VPWM</b>	<b>CP =</b>	50		<b>TO</b>	100				
<b>CT</b>	5	<b>TO</b>	50	<b>VT</b>	1	<b>TO</b>	50		
<b>MATCHED INV</b>									
<b>DE</b>	6208		<b>ODE</b>	6206					
<b>SERIAL #</b>									



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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.

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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  
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