

**BALDOR • RELIANCE**

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# Customer information packet

## ECS101M0H3DF4

3HP, 1800RPM, 3PH, 60HZ, 145T, TEFC, N

Class - None

Division - Not Applicable

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4/1/2023 3:13:18 AM

## Specifications

Enclosure	TEFC
Frame	145T
Frame Material	Steel
Frequency	60.00 Hz
Motor Letter Type	Three Phase
Phase	3
XP Class and Group	None
XP Division	Not Applicable
Agency Approvals	WEEE UL
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
Drip Cover	No Drip Cover
Duty Rating	CONT
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Shaft Indicator	None
Heater Indicator	No Heater
Insulation Class	B
Inverter Code	Inverter Duty
IP Rating	NONE
Lifting Lugs	No Lifting Lugs
Locked Bearing Indicator	No Locked Bearing
Motor Lead Quantity/Wire Size	9 @ 18 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	3528B
Mounting Arrangement	F1

## Part detail

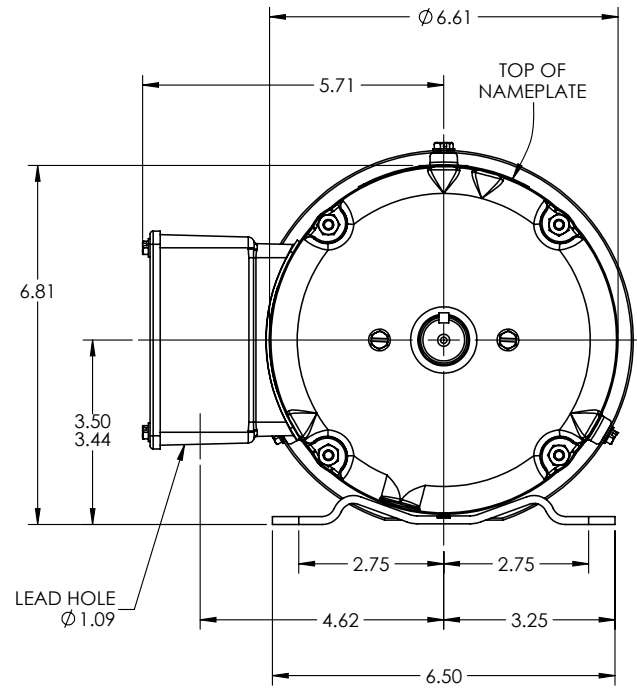
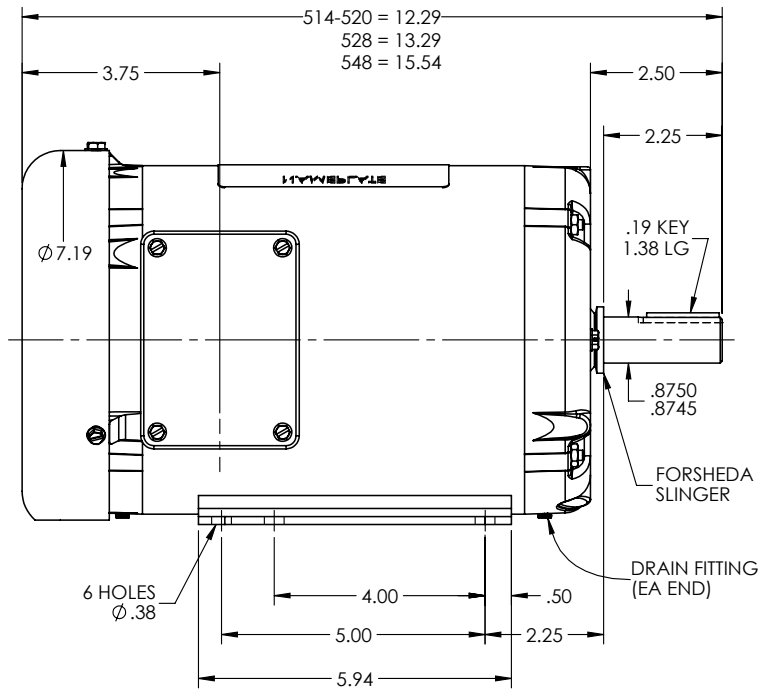
Revision	L
Type	AC
Mech. spec.	35E5203
Base	
Status	PRD/A
Elec. spec.	35WGR000
Layout	35LYE5203
Eff. date	09-21-2020
CD Diagram	CD0005
Poles	04
Leads	9#18 Y
Proprietary	False
Created date	01-02-2019

<b>Number of Poles</b>	4
<b>Overall Length</b>	13.29 IN
<b>Product Family</b>	General Purpose
<b>Pulley End Bearing Type</b>	Ball
<b>Pulley Face Code</b>	Standard
<b>Pulley Shaft Indicator</b>	Standard
<b>Rodent Screen</b>	None
<b>RoHS Status</b>	ROHS COMPLIANT
<b>Shaft Diameter</b>	0.875 IN
<b>Shaft Ground Indicator</b>	Shaft Grounding
<b>Shaft Rotation</b>	Reversible
<b>Shaft Slinger Indicator</b>	No Slinger
<b>Speed Code</b>	Single Speed
<b>Starting Method</b>	INVERTER SPECIAL
<b>Thermal Device - Bearing</b>	None
<b>Thermal Device - Winding</b>	None
<b>Vibration Sensor Indicator</b>	No Vibration Sensor
<b>Winding Thermal 1</b>	None
<b>Winding Thermal 2</b>	None

**Nameplate**

<b>NP3968A01A01</b>									
<b>CAT.NO.</b>	ECS101M0H3DF4								
<b>SPEC.</b>	35E5203R000G1								
<b>FRAME</b>	145T		<b>ENCL.</b>	TEFC	<b>IP</b>	54			
<b>HP</b>	3	40	<b>C AMB</b>		<b>CONT</b>				
<b>NOM. EFF.</b>	91.4%	<b>PF</b>	96.1%	<b>SF</b>	1.5				
<b>VOLTS</b>	230/460		<b>FLA</b>	7.0/3.5					
<b>RPM</b>	1800		<b>RPM-MAX</b>	4000					
<b>HZ</b>	60		<b>PH.</b>	3	<b>CLASS</b>	F			
<b>BEMF (V)</b>	112/223		<b>RS (OHMS)</b>	1.51/6.02					
<b>LD (MH)</b>	17.6/70.2		<b>LQ (MH)</b>	57.3/229.2					
<b>VPWM</b>	<b>CHP</b>	60	<b>TO</b>	133					
<b>CT</b>	6	<b>TO</b>	60	<b>VT</b>	1	<b>TO</b>	60		
<b>MATCHED INV</b>	ACS380-04XX-07A8-1/04A0-4								
<b>DE</b>	6205		<b>ODE</b>	6203					
<b>SERIAL #</b>									

35LYE5203



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

REV. DESC: UPDATE DRAWING GRAPHICS

REV: G    VERSION: 07    REVISED: 09:53:50 02/09/2022    TDR: 000001185816

35LYE5203

MODEL NO. 35LYE5203  
BY: ENJEFD0

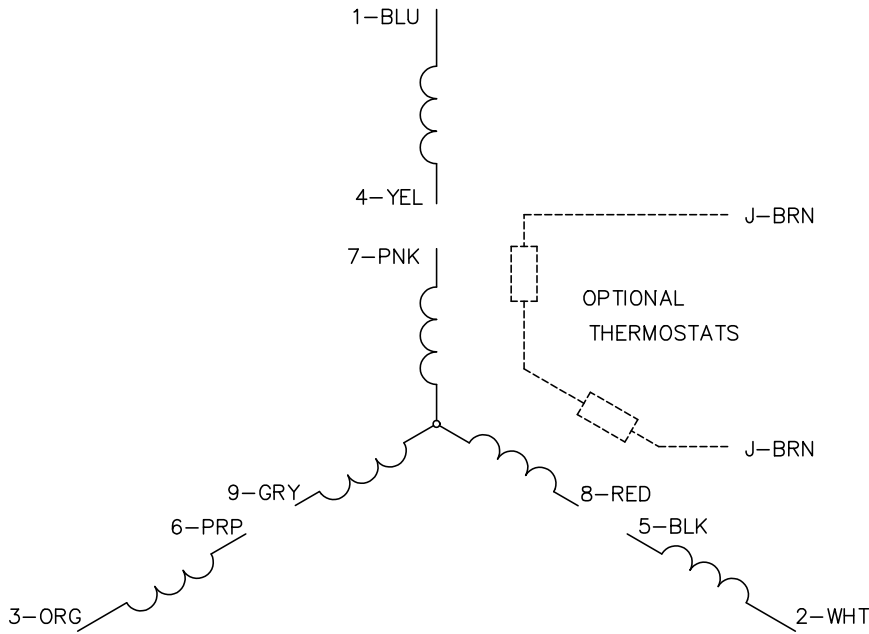
REF: -

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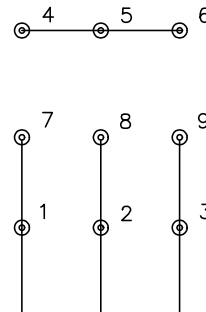
HOR 143-5T TEFC B INT SH GND ECS

35LYE5203

CD0005

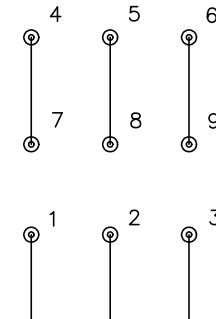


LOW VOLTAGE  
(2Y)



LINE

HIGH VOLTAGE  
(1Y)



LINE

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.

CD0005

REV. DESC: REVISE TO SHOW OPTIONAL COLORS			
REV. LTR: E	BY: JLP	REVISED: 01/19/99 10:15	TDR: 0171435
S00000		FILE: AAA00005140	MDL: -
		MTL: -	

**BALDOR ELECTRIC Co.**

3PH, DV, 9 LEADS