

BALDOR • RELIANCE

Customer information packet

ECS101M0H10FB4

10HP, 1800RPM, 3PH, 60HZ, 215TC, TEFC, N

Class - None

Division - Not Applicable

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Specifications

Enclosure	TEFC
Frame	215TC
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	10.000 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	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Blower	None
Constant Torque Speed Range	6
Current @ Voltage	11.000 A @ 460.0 V 22.000 A @ 230.0 V
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	94.8 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Heater Indicator	No Heater
High Voltage Full Load Amps	11.0 a
Insulation Class	F
Inverter Code	Inverter Duty

Part detail

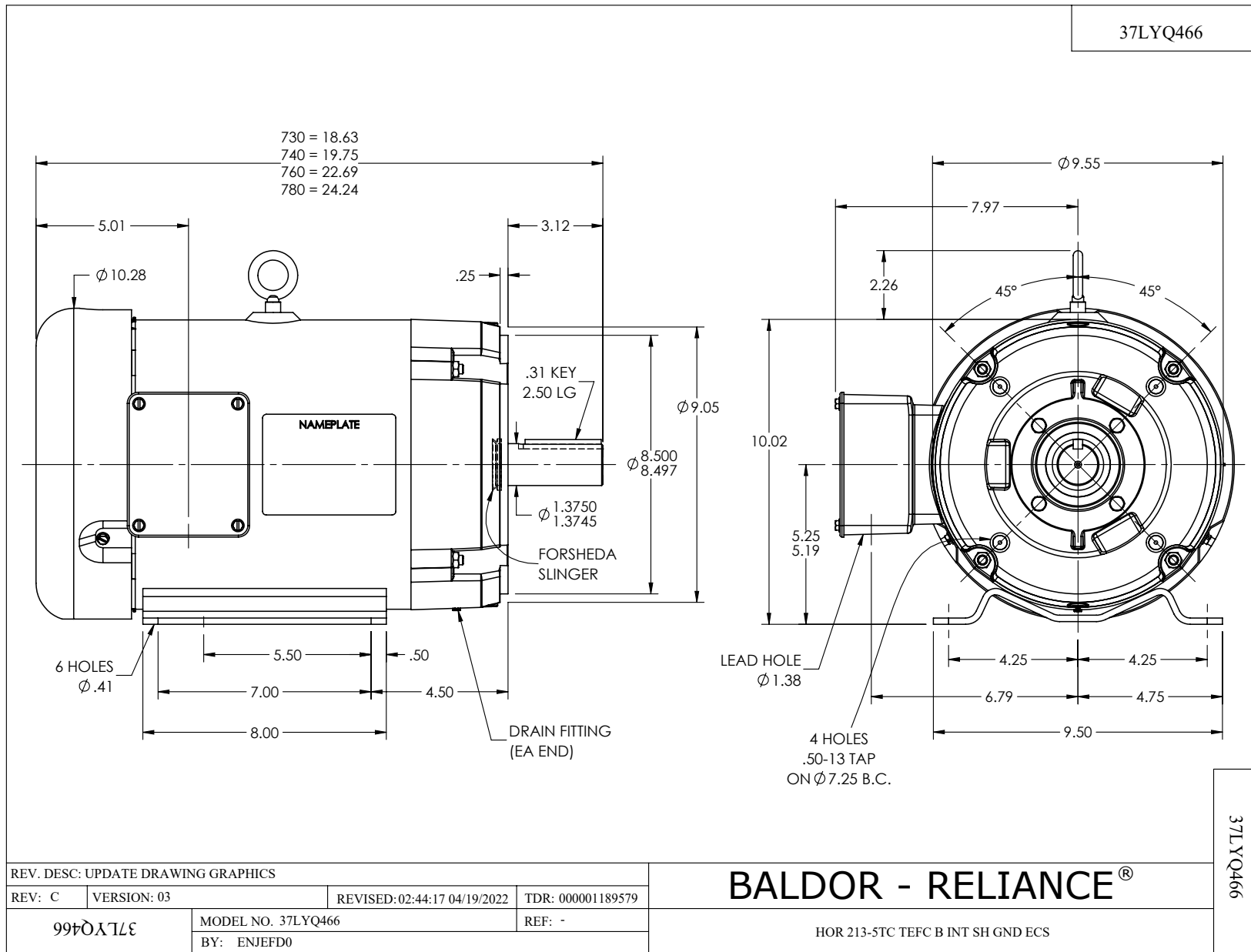
Revision	C
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	37WGA0017
Layout	37LYQ466
Eff. date	06-06-2024
CD Diagram	CD0005A25
Poles	04
Leads	9#12
Proprietary	False
Created date	09-21-2020

IP Rating	NONE
Lifting Lugs	Standard Lifting Lugs
Locked Bearing Indicator	Locked Bearing
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	3740B
Mounting Arrangement	F1
Number of Poles	4
Overall Length	19.75 IN
Power Factor	94
Product Family	General Purpose
Pulley Face Code	C-Face
Rodent Screen	None
RoHS Status	ROHS COMPLIANT
Service Factor	1.50
Shaft Diameter	1.375 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

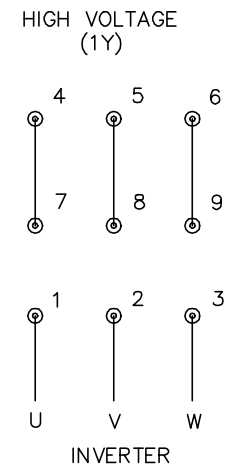
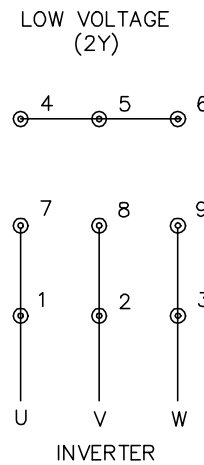
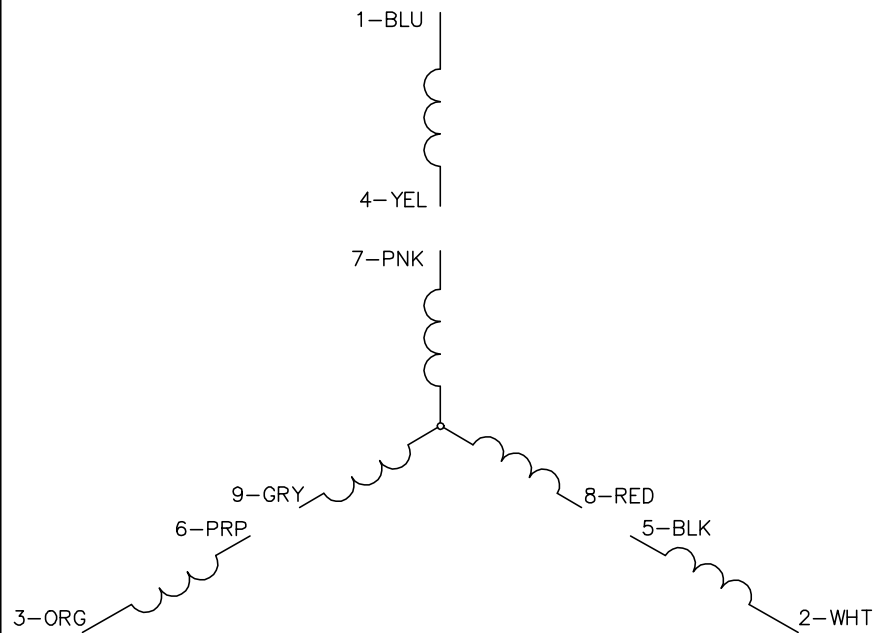
Nameplate

NP3968A01A01									
CAT.NO.	ECS101M0H10FB4								
SPEC.	37-0000-0294								
FRAME	215TC		ENCL.	TEFC	IP	54			
HP	10	40	C AMB		CONT				
NOM. EFF.	94.8	PF	94	SF	1.5				
VOLTS	230/460		FLA	22.4/11.2					
RPM	1800		RPM-MAX	3000					
HZ	60	PH.	3	CLASS	F				
BEMF (V)	116/231		RS (OHMS)	0.23/0.93					
LD (MH)	5.8/23.2		LQ (MH)	19.6/78.2					
VPWM	CHP	60	TO	100					
CT	6	TO	60	VT	1	TO	100		
MATCHED INV	ACS380-04XX-[N/A]/17A0-4								
DE	6307		ODE	6206					
SERIAL #									

37LYQ466



CD0005A25



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. 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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