

**BALDOR • RELIANCE**

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# Customer information packet

## ECTM4403T-G

60HP, 1185RPM, 3PH, 60HZ, 405T, A40064M, TEFC

Class - None

Division - Not Applicable

## Specifications

Enclosure	TEFC
Frame	405T
Frame Material	Iron
Frequency	60.00 Hz
Motor Letter Type	Three Phase
Output @ Frequency	60.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1200 RPM @ 60 HZ
Voltage @ Frequency	230.0 V @ 60 HZ 460.0 V @ 60 HZ
XP Class and Group	None
XP Division	Not Applicable
Agency Approvals	CCSAUSEEV
Ambient Temperature	40 °C
Auxillary Box	No Auxillary Box
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Current @ Voltage	138.000 A @ 230.0 V 152.000 A @ 208.0 V 69.000 A @ 460.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	95.0 %
Feedback Device	NO FEEDBACK
Heater Indicator	Heater Included, Special
High Voltage Full Load Amps	69.0 a
Insulation Class	F
Inverter Code	Inverter Ready
KVA Code	G
Lifting Lugs	Standard Lifting Lugs
Motor Lead Quantity/Wire Size	3 @ 4 AWG

## Part detail

Revision	A
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A40WG0108
Layout	617433-750
Eff. date	06-06-2023
CD Diagram	416820-002
Poles	06
Leads	3#4,6#6
Proprietary	False
Created date	04-07-2022

<b>Motor Standards</b>	NEMA
<b>Motor Type</b>	A40064M
<b>Mounting Arrangement</b>	F1
<b>Number of Poles</b>	6
<b>Overall Length</b>	38.19 IN
<b>Power Factor</b>	86
<b>Product Family</b>	Cooling Tower
<b>Pulley End Bearing Type</b>	Ball
<b>Pulley Face Code</b>	Standard
<b>Service Factor</b>	1.15
<b>Shaft Diameter</b>	2.875 IN
<b>Shaft Ground Indicator</b>	Shaft Grounding
<b>Shaft Rotation</b>	Reversible
<b>Shaft Slinger Indicator</b>	Shaft Slinger
<b>Speed</b>	1185 rpm
<b>Speed Code</b>	Single Speed
<b>Starting Method</b>	Direct on line
<b>Thermal Device - Bearing</b>	None
<b>Thermal Device - Winding</b>	None

**Nameplate**

**000613007EW**

<b>CAT.NO.</b>	ECTM4403T-G		<b>SPEC NO.</b>	A40-0001-0108					
<b>HP</b>	60HP	<b>AMPS</b>	138/69	<b>VOLTS</b>	230/460	<b>DESIGN</b>	B		
<b>FRAME</b>	405T	<b>RPM</b>	1185	<b>HZ</b>	60	<b>AMB</b>	40	<b>SF</b>	1.15
<b>DRIVE END BEARING</b>	80BC03J30X		<b>PH</b>	3	<b>DUTY</b>	CONT	<b>INSUL.CLASS</b>	F	
<b>OPP D.E. BEARING</b>	80BC03J30X		<b>TYPE</b>	P	<b>ENCL</b>	TEFC	<b>CODE</b>	G	
<b>D.E.BRG.DATA</b>	6316		<b>POWER FACTOR</b>	86		<b>NEMA NOM EFFICIENCY</b>	95		
<b>O.D.E.BRG.DATA</b>	6316		<b>MAX CORR KVAR</b>	12.50		<b>GUARANTEED EFFICIENCY</b>	94.1		
<b>3/4 LOAD EFF.</b>	95		<b>NEMA NOM/CSA QUOTED EFF</b>						
<b>SER.NO.</b>			<b>MOTOR WEIGHT</b>						

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000901002AAA

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INV DUTY 20:1 VT


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617433-750

# DUTY MASTER ALTERNATING CURRENT MOTORS

## SQUIRREL-CAGE INDUCTION

ENCLOSURE: TOTALLY ENCLOSED

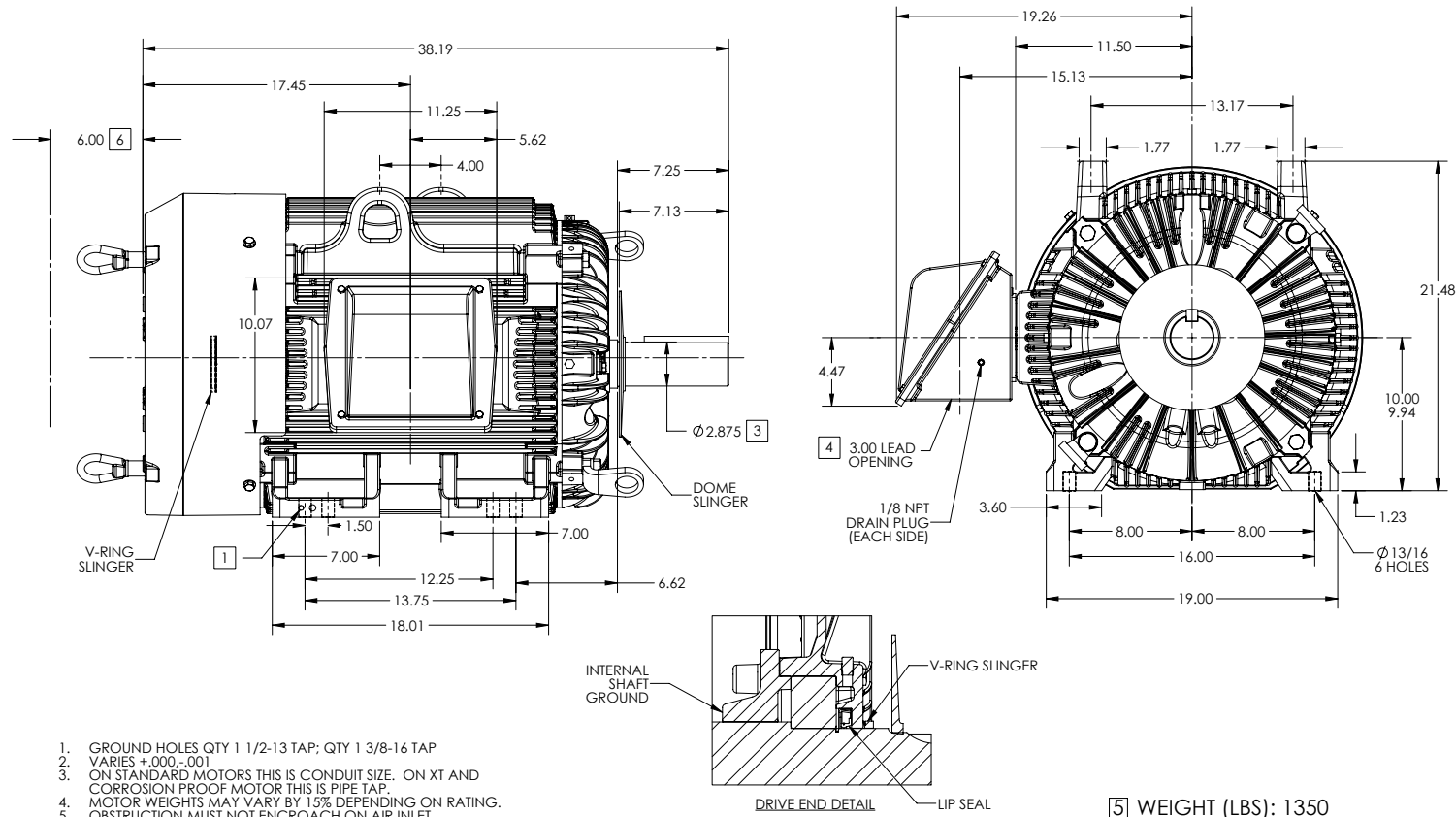
FRAME G405T ABOVE NEMA RATINGS

COOLING: FAN COOLED

MOUNTING: FOOT

INCLUDES 404T FRAME MOUNTING HOLES

STANDARD INDUSTRIAL ENCLOSURE



CONDUIT BOX LOCATED ON OPPOSITE SIDE WHEN F-1. IF MOUNTING CLEARANCE DETAILS ARE REQUIRED, CONSULT FACTORY. MAXIMUM PERMISSIBLE SHAFT RUNOUT WHEN MEASURED AT END OF STANDARD SHAFT EXTENSION IS .003" T.I.R. TO 5 INCH DIA.

DIMENSIONS ARE IN INCHES

CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT MOTOR PERFORMANCE IS SUITABLE IN THE APPLICATION.

SHEET NUMBER  
**1 OF 1**  
 052-337219

REV. DESC: NEW	VERSION: 00	REVISED: 02-16-38 04/26/2022	TDR: 000001187873
MODEL NO. 617433-750	REF:		
BY: USBUFRA	Material:		

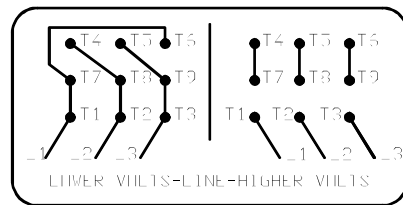
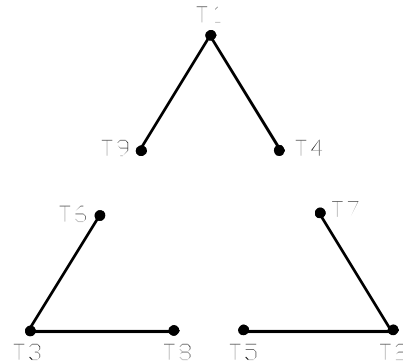
**BALDOR**

G405T-404T STD - FOOTED - STD ENCL F1 LIPSEAL/V-SLG D.E.

617433-750

416820-002

A-C MOTOR  
 CONNECTION DIAGRAM  
 STANDARD 9 LEAD DELTA-CONNECTED



LOWER VOLTS-LINE-HIGHER VOLTS

(N.P. 1575-B)

416820-002

REV. DESC: FONT CHANGE FOR PDF SEARCHABLE		
REV. LTR: A	VERSION: 01	TDR: 000001009382
FILE: \MGA\00000\661	REVISED: 02:46:19 02/13/2020	BY: MGHMTT
MTL: -	© □	

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CONN DIAG - STANDARD 9 LEAD, DELTA-CONNECTED

SH 1 of 1