

# ABB BALDOR RELIANCE III

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## Customer information packet CECR9604T

60HP, 1785RPM, 3PH, 60HZ, 364TC, A3662M, TEFC

Class - None

Division - Not Applicable

**Specifications**

<b>Enclosure</b>	TEFC
<b>Frame</b>	364TC
<b>Frame Material</b>	Iron
<b>Frequency</b>	60.00 Hz
<b>Haz Area Class and Group</b>	None
<b>Haz Area Division</b>	Not Applicable
<b>Motor Letter Type</b>	Three Phase
<b>Output @ Frequency</b>	60.000 HP @ 60 HZ
<b>Phase</b>	3
<b>Synchronous Speed @ Frequency</b>	1800 RPM @ 60 HZ
<b>Voltage @ Frequency</b>	230.0 V @ 60 HZ 460.0 V @ 60 HZ
<b>Agency Approvals</b>	NEMA PREMIUM CURUSEEV
<b>Ambient Temperature</b>	40 °C
<b>Auxiliary Box</b>	NO AUXILLARY BOX
<b>Base Indicator</b>	Rigid
<b>Bearing Grease Type</b>	Polyrex EM (-20F +300F)
<b>Current @ Voltage</b>	142.000 A @ 230.0 V 71.000 A @ 460.0 V
<b>Design Code</b>	A
<b>Drip Cover</b>	No Drip Cover
<b>Duty Rating</b>	CONT
<b>Efficiency @ 100% Load</b>	95.0 %
<b>Feedback Device</b>	NO FEEDBACK
<b>Heater Indicator</b>	No Heater
<b>High Voltage Full Load Amps</b>	71.0 a
<b>Insulation Class</b>	F
<b>Inverter Code</b>	Inverter Ready
<b>KVA Code</b>	H
<b>Lifting Lugs</b>	Standard Lifting Lugs
<b>Max Speed</b>	2700 rpm

**Part Detail**

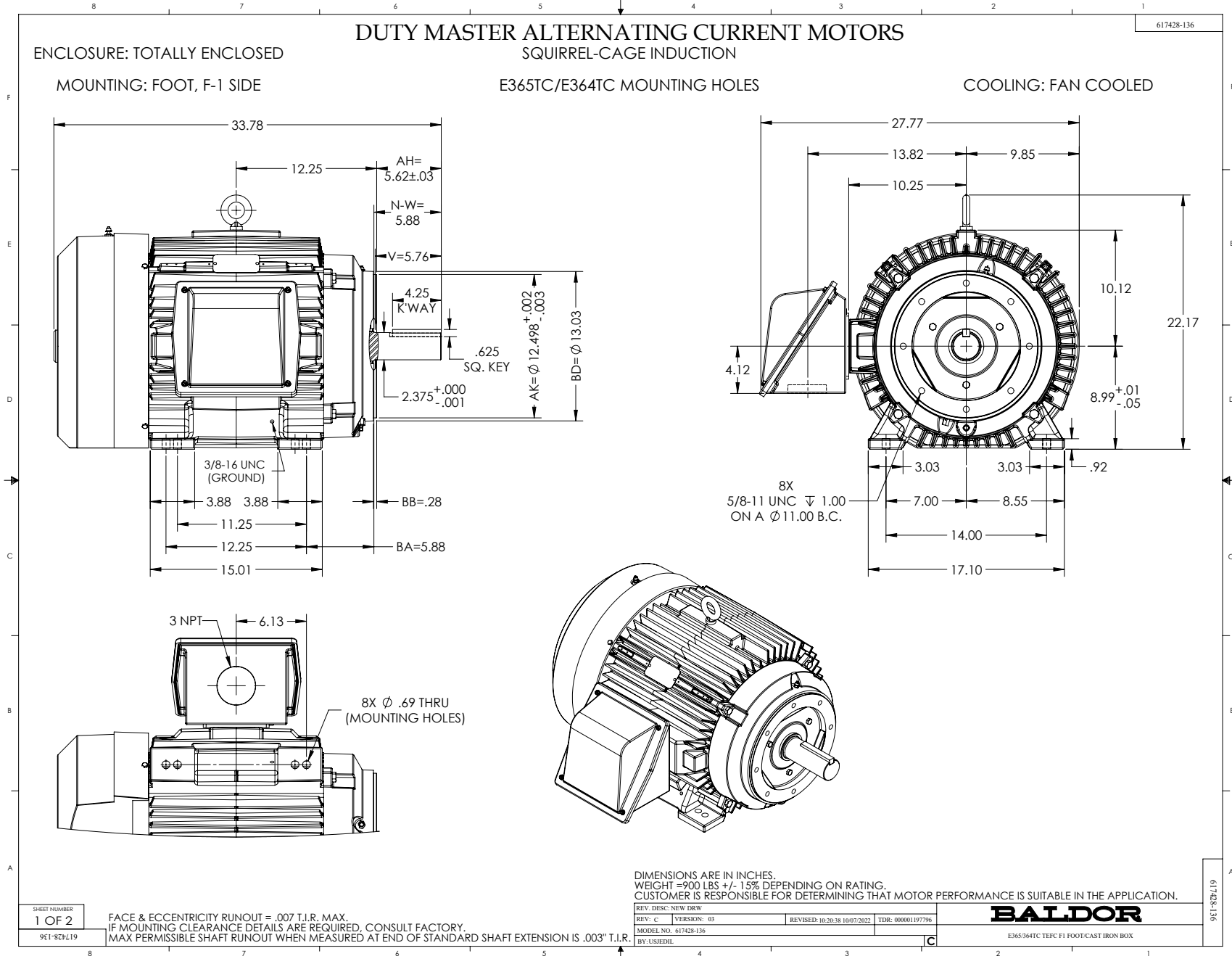
<b>Revision</b>	-
<b>Type</b>	AC
<b>Mech. spec.</b>	
<b>Base</b>	
<b>Status</b>	PRD/A
<b>Elec. spec.</b>	A36WG4074
<b>Layout</b>	617428-136
<b>Eff. date</b>	07-24-2025
<b>CD Diagram</b>	416820-002
<b>Poles</b>	04
<b>Leads</b>	3#4,6#6
<b>Proprietary</b>	False
<b>Created date</b>	07-23-2025

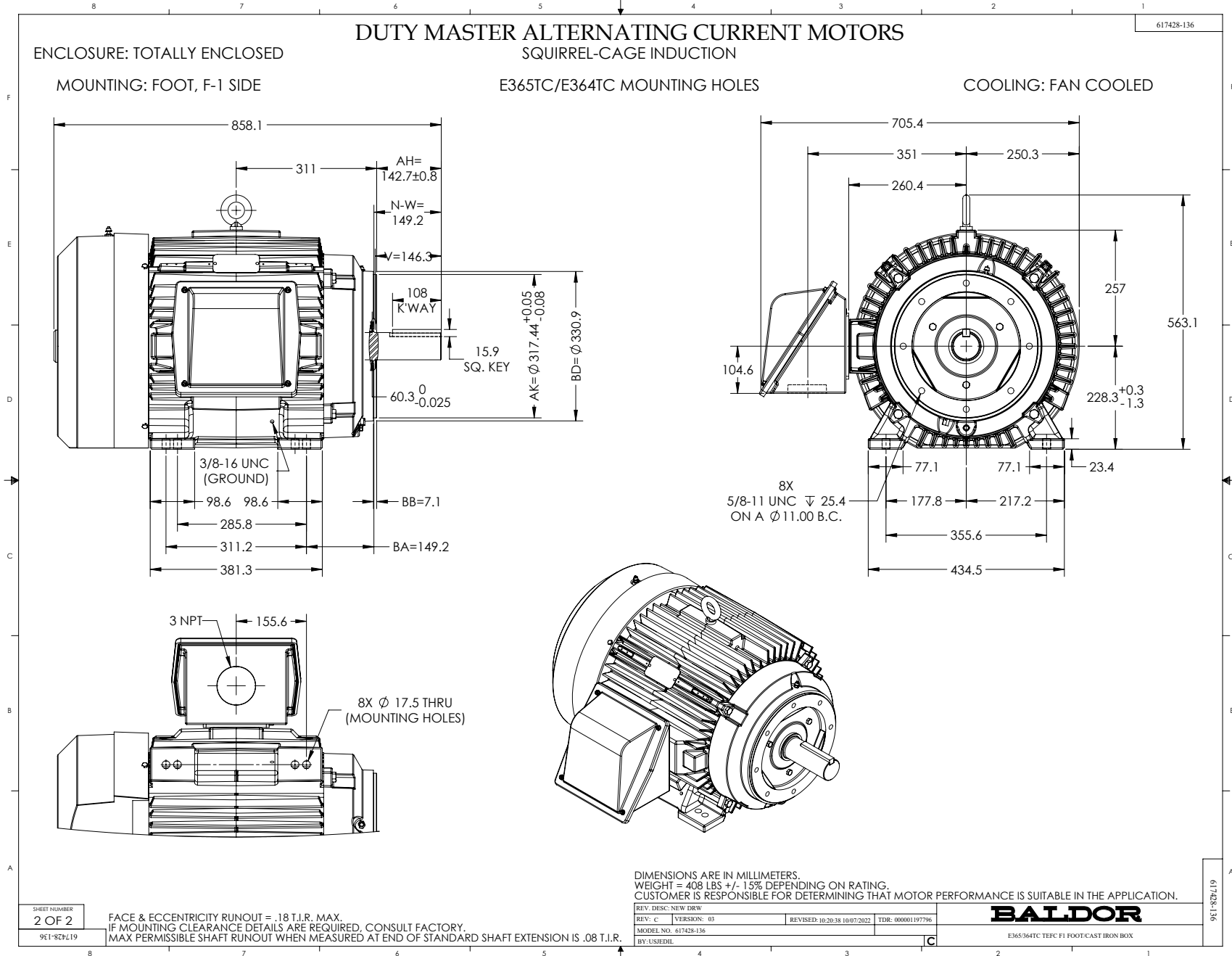
<b>Motor Lead Quantity/Wire Size</b>	3 @ 4 AWG
<b>Motor Standards</b>	NEMA
<b>Motor Type</b>	A3662M
<b>Mounting Arrangement</b>	F1
<b>Number of Poles</b>	4
<b>Overall Length</b>	33.48 IN
<b>Power Factor</b>	83
<b>Product Family</b>	Crusher Duty
<b>Pulley End Bearing Type</b>	Ball
<b>Pulley Face Code</b>	C-Face
<b>Service Factor</b>	1.25
<b>Shaft Diameter</b>	2.374 IN
<b>Shaft Ground Indicator</b>	No Shaft Grounding
<b>Shaft Rotation</b>	Reversible
<b>Shaft Slinger Indicator</b>	Shaft Slinger
<b>Speed</b>	1785 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**

**NP3980LUA**

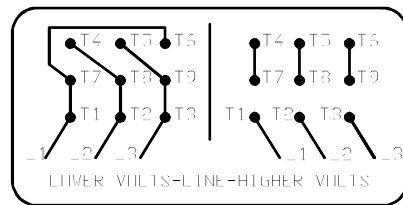
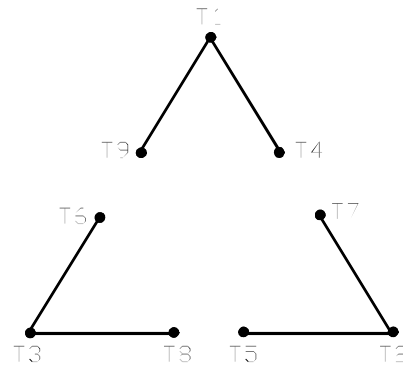
<b>CAT #</b>	CECR9604T		<b>SER</b>			<b>CC</b>	010A						
<b>SPEC</b>	A36-9187-4074		<b>RATING</b>	40C AMB-CONT									
<b>HZ</b>	<b>VOLTS</b>		<b>AMPS</b>	<b>RPM</b>	<b>HP</b>	<b>CODE</b>	<b>SF</b>	<b>DES</b>	<b>PF</b>	<b>NEMA NOM. EFF</b>			
60	230/460		142/71	1785	60	H	1.25	A	83 %	95 %	%		
	-								%		%		
<b>PH</b>	3	<b>CL</b>	F	<b>MAX CORR KVAR</b>	17								
<b>BRG</b>	<b>DE</b>	6313	<b>ODE</b>	6313	<b>ENCL</b>	TEFC	<b>FR</b>	364TC	55				
<b>GREASE</b>	POLYREX EM				<b>MTR WT</b>	910	<b>LBS</b>						
<b>USABLE AT</b>	50HZ 50HP 190/380V 144/72A					<b>SF1.0</b>							
<b>INV READY</b>	<b>1.0 SF VPWM</b>	<b>CT</b>	10-60	<b>HZ</b>	6:1	<b>VT</b>	0-60	<b>HZ</b>	1000:1	<b>CHP</b>	60-90	<b>HZ</b>	1.5:1
<b>MAX RPM</b>	2700	<b>SFA</b>	178/89										





416820-002

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



(N.P. 1575-B)

416820-002

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

**BALDOR - RELIANCE®**

CONN DIAG - STANDARD 9 LEAD, DELTA-CONNECTED

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