

**BALDOR • RELIANCE**

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# Customer information packet

## CXT3752TS

75HP, 3555RPM, 3PH, 60HZ, 365TSC, A36068M, TEF

Class - None

Division - Division II

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## Specifications

Enclosure	TEFC
Frame	365TSC
Frame Material	Iron
Frequency	60.00 Hz
Motor Letter Type	Three Phase
Output @ Frequency	75.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	3600 RPM @ 60 HZ
Voltage @ Frequency	230.0 V @ 60 HZ 460.0 V @ 60 HZ
XP Class and Group	None
XP Division	Division II
Agency Approvals	CCSA US CSA EEV NEMA PREMIUM UR
Ambient Temperature	40 °C
Auxillary Box	No Auxillary Box
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Current @ Voltage	81.800 A @ 460.0 V 182.000 A @ 208.0 V 164.000 A @ 230.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	93.6 %
Feedback Device	NO FEEDBACK
Heater Indicator	No Heater
High Voltage Full Load Amps	81.8 a
Insulation Class	F
Inverter Code	Inverter Ready

## Part detail

Revision	D
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A36WG0026
Layout	617436-590
Eff. date	09-29-2021
CD Diagram	416820-002
Poles	02
Leads	3#2,6#4
Proprietary	False
Created date	11-16-2020

<b>IP Rating</b>	NONE
<b>KVA Code</b>	F
<b>Lifting Lugs</b>	Standard Lifting Lugs
<b>Max Speed</b>	4500 rpm
<b>Motor Lead Quantity/Wire Size</b>	3 @ 2 AWG
<b>Motor Standards</b>	NEMA
<b>Motor Type</b>	A36068M
<b>Mounting Arrangement</b>	F1
<b>Number of Poles</b>	2
<b>Overall Length</b>	31.35 IN
<b>Power Factor</b>	92
<b>Product Family</b>	General Industrial
<b>Pulley End Bearing Type</b>	Ball
<b>Pulley Face Code</b>	C-Face
<b>Service Factor</b>	1.15
<b>Shaft Diameter</b>	1.875 IN
<b>Shaft Ground Indicator</b>	No Shaft Grounding
<b>Shaft Rotation</b>	Reversible
<b>Shaft Slinger Indicator</b>	Shaft Slinger
<b>Speed</b>	3555 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**

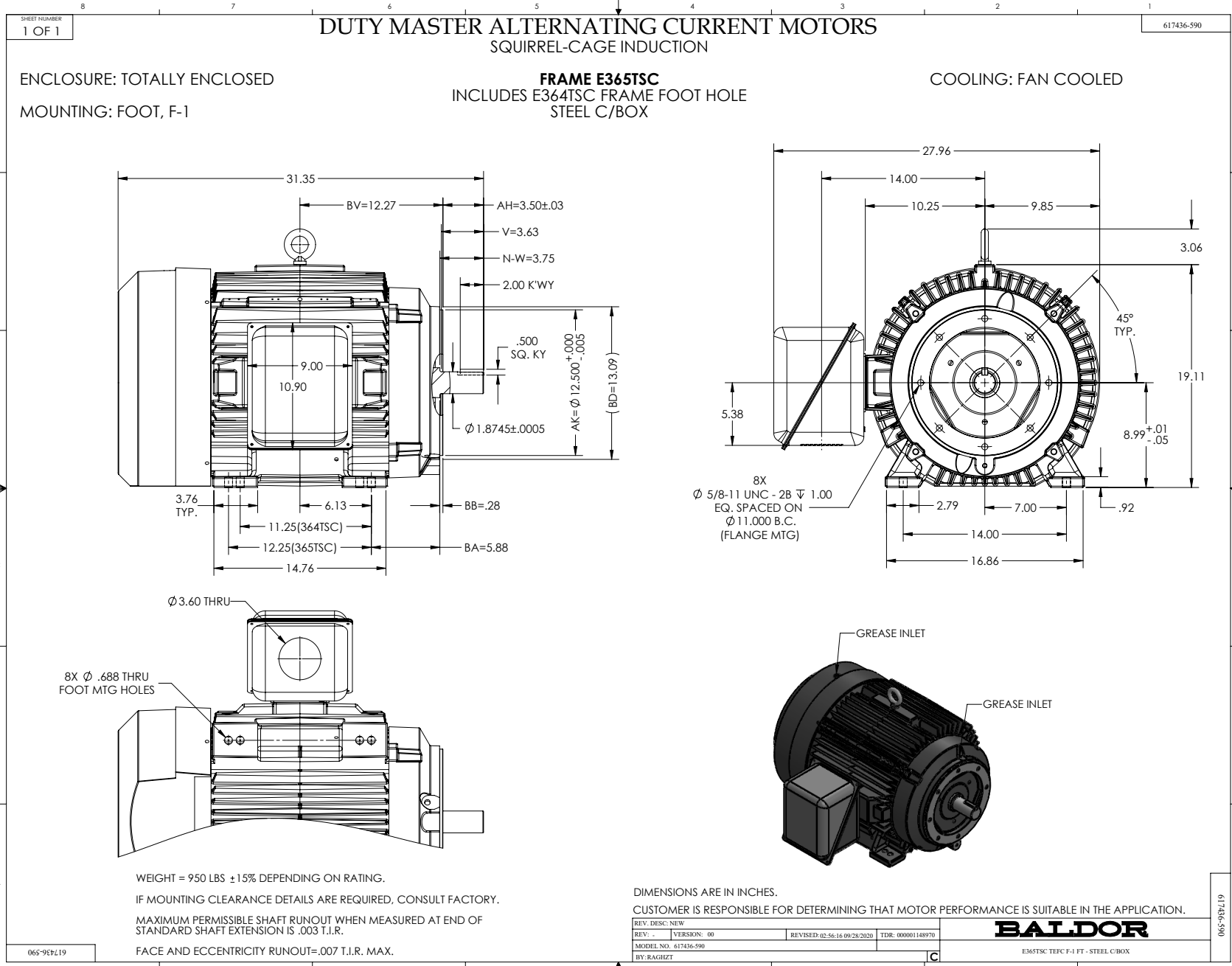
**NP4152LUA**

<b>CAT #</b>	CXT3752TS			<b>SER</b>				<b>CC</b>	010A			
<b>SPEC</b>	A36-5006-0026			<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		164/81.8		3555	75	F	1.15	B	92 %	93.6 %	
										%		%
<b>PH</b>	3	<b>CL</b>	F	<b>MAX RPM</b>	4500	<b>MAX CORR KVAR</b>	5	<b>USABLE AT 208V</b>			182	A
<b>BRG</b>	<b>DE</b>	6313	<b>ODE</b>	6313	<b>ENCL</b>	TEFC	<b>FR</b>	365TSC	<b>IP</b>	54		
<b>GREASE</b>	POLYREX EM						<b>MTR WT</b>			<b>LBS</b>		
<b>CL I DIV 2 GRPS A,B,C,D</b>				<b>CL I ZONE 2 GRPS</b>				<b>IIA,IIB,IIC</b>		<b>TEMP T</b>	200	C
<b>INV READY</b>	<b>CT</b>	10-60	<b>HZ</b>	6:1	<b>VT</b>	0-60	<b>HZ</b>	1000:1	<b>CHP</b>	60-75	<b>HZ</b>	1:1.25
<b>INV TEMP CL</b>	T3	C	<b>USABLE AT</b>	50 HZ 60HP 190/380V 160/80.2A						1.0SF		
SFA 191/95.5												

## Parts list

Part number	Description	Quantity
SA387835	SA A36-5006-0026	1.000 ea
RA378176	RA A36-5006-0026	1.000 ea
421948032	LABEL, MYLAR	1.000 ea
000692000VD	LABEL WARNING	1.000 ea
LB1449	DIV-2/NEC WARNING LABEL	1.000 ea
NP4152LUA	SS CP XT CLI DIV2 UR CSA-C US-EEV NEMA P	1.000 ea
085922073B	BRKT 360 085922072WCC KB	1.000 ea
415072001B	CLAMP	1.000 ea
078559001A	+FANCV - 360	1.000 ea
034180012DA	KEY 1X4X1/4X1-1/2 L	1.000 ea
412118006A	DRAIN	1.000 ea
702676001C	FAN 360	1.000 ea
004824015A	GREASE POLYREX EM	0.540 lb
032018012DK	HHCS 1/2-13X1-1/2 PLTD. 032018012DR	4.000 ea
032018008AK	HHCS 1/4-20X1 PLATED	4.000 ea
032018024CK	HHCS 3/8-16X3 PLTD.	3.000 ea
415096002A	CPLG 1/8 HEX TYPE	1.000 ea
415045002E	SLGR	1.000 ea
410700004F	WSHR	1.000 ea
035000001G	GREASE RELIEF FITTING, ALEMITE 317400	1.000 ea
034530052AB	P/NIP 1/8X6-1/2 Zinc	1.000 ea
034600001AA	BUSH 1/4TO1/8 BLACK	1.000 ea
034600001AA	BUSH 1/4TO1/8 BLACK	1.000 ea
085922070H	E360 C FACE BRKT 6313 BRG 085922069WCA	1.000 ea
032018012DK	HHCS 1/2-13X1-1/2 PLTD. 032018012DR	4.000 ea
032018024CK	HHCS 3/8-16X3 PLTD.	3.000 ea
415045002E	SLGR	1.000 ea
412118006A	DRAIN	1.000 ea
035000001G	GREASE RELIEF FITTING, ALEMITE 317400	1.000 ea
077176000L	C/BOX, PAINTED 440	1.000 ea
077176001A	CBOXC, PAINTED 360-400	1.000 ea

043292000AJ	GASK 320-400	1.000 ea
402731001A	GASK 360-440	1.000 ea
418150003A	GREASE FITTING CAP	1.000 ea
032018005AK	HHCS 1/4-20X5/8 PLATED	4.000 ea
032018008CK	HHCS 3/8-16X1L PLATED	4.000 ea
035000001A	ALFTG 1/8" 1610-BL	1.000 ea
415000115H	T/LUG #2AWG-4/0AWG	1.000 ea
406099000A	PLUG - FAN COVER 320-440	1.000 ea
032018005DL	1/2-13 X 5/8 SILICON BRONZE HHCS	1.000 ea
035000001A	ALFTG 1/8" 1610-BL	1.000 ea
418150003A	GREASE FITTING CAP	1.000 ea
MG1025L14	WILKOFAS, 776.14, GRUNDFOS BLACK	0.250 ga
033775004EA	DRSCR #6-1/4 304 S.S.	4.000 ea
034180016GA	KEY 1/2X1/2X2 L	1.000 ea
14PA1000	PACKAGING 314 GROUP COMBINED PRINT	1.000 ea
HW1000A32	5/16 FL WASHER WIDE, ID=.344, OD=1.125	3.000 ea
032509020C	CARRIAGE BOLT - 360	3.000 ea



416820-002

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



(N.P. 1575-B)

416820-002

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CONN DIAG - STANDARD 9 LEAD, DELTA-CONNECTED

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