

**BALDOR • RELIANCE**

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# Customer information packet

## CXT33004T-4

300HP, 1785RPM, 3PH, 60HZ, 449TC, A44160M, TEF

Class - CLI GP A,B,C,D

Division - Division II

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## Specifications

Enclosure	TEFC
Frame	449TC
Frame Material	Iron
Frequency	60.00 Hz
Haz Area Class and Group	CLI GP A,B,C,D
Haz Area Division	Division II
Motor Letter Type	Three Phase
Output @ Frequency	300.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage @ Frequency	460.0 V @ 60 HZ
Agency Approvals	CCSAUSEEV NEMA PREMIUM NEMA_PREMIUM UR
Ambient Temperature	40 °C
Auxillary Box	No Auxillary Box
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Constant Torque Speed Range	30-60
Current @ Voltage	334.000 A @ 460.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	96.2 %
Feedback Device	NO FEEDBACK
Haz Area Temp Code	T2C
Heater Indicator	No Heater
High Voltage Full Load Amps	334.0 a
Insulation Class	F
Inverter Code	Inverter Ready
IP Rating	NONE

## Part detail

Revision	D
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A44WG5202
Layout	617427-670
Eff. date	07-08-2024
CD Diagram	416820-036
Poles	04
Leads	3#1 (04 per group)
Proprietary	False
Created date	08-18-2020

<b>KVA Code</b>	G
<b>Max Speed</b>	2700 rpm
<b>Motor Lead Quantity/Wire Size</b>	12 @ 1 AWG
<b>Motor Standards</b>	NEMA
<b>Motor Type</b>	A44160M
<b>Mounting Arrangement</b>	F1
<b>Number of Poles</b>	4
<b>Overall Length</b>	53.47 IN
<b>Power Factor</b>	87
<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>	3.375 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**

**NP4152LUA**

<b>CAT #</b>	CXT33004T-4			<b>SER</b>				<b>CC</b>	0010A			
<b>SPEC</b>	A44-8419-5202			<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	460		334	1785	300	G	1.15	B	87 %	96.2 %		
									%		%	
<b>PH</b>	3	<b>CL</b>	F	<b>MAX RPM</b>	2700	<b>MAX CORR KVAR</b>	47					
<b>BRG</b>	<b>DE</b>	6318	<b>ODE</b>	6318	<b>ENCL</b>	TEFC	<b>FR</b>	449TC	<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>	230	<b>C</b>	
<b>INV READY</b>	<b>CT</b>	30-60	<b>HZ</b>	2:1	<b>VT</b>	0-60	<b>HZ</b>	1000:1	<b>CHP</b>	60-90	<b>HZ</b>	1.1.5
<b>INV TEMP CL</b>	T2C	<b>C</b>	<b>USABLE AT</b>	50HZ 250HP 380V 337A					1.0SF			



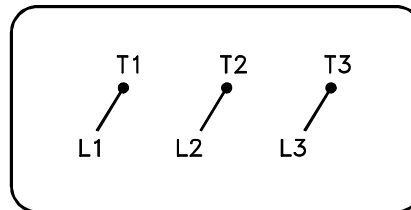






416820-036

A-C MOTOR  
CONNECTION DIAGRAM  
STANDARD 3 LEAD CONNECTED



(N.P. 1575-BA)

416820-036

REV. DESC: LOADED TO BUS, C/R 335225		
REV. LTR: -	VERSION: 00	TDR: 000000538207
FILE: \MGA\00000\682	REVISED: 11:54:06 04/30/2010	
MTL: -	BY: RAGRA	

**BALDOR**

CONN DIAG - STANDARD 3 LEAD  
SH 1 of 1