



Customer information packet

CDRX36644T

60HP, 1780RPM, 3PH, 60HZ, 364TC, TEFC, F1

Class - CLI GP C,D

Division - Division I

Specifications

Enclosure	TEFC
Frame	364TC
Frame Material	Iron
Frequency	60.00 Hz
Haz Area Class and Group	CLI GP C,D
Haz Area Division	Division I
Motor Letter Type	Three Phase
Output @ Frequency	60.000 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	CCSAUSEEV CSA UL
Ambient Temperature	40 °C
Auxillary Box	No Auxillary Box
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Constant Torque Speed Range	6-60
Current @ Voltage	136.000 A @ 230.0 V 68.000 A @ 460.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	95.0 %
Feedback Device	NO FEEDBACK
Haz Area Temp Code	T3C
Heater Indicator	No Heater
High Voltage Full Load Amps	68.0 a
Insulation Class	F
Inverter Code	Inverter Ready

Part detail


Revision	-
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A36WG0261
Layout	611742-780
Eff. date	05-29-2019
CD Diagram	416820-002
Poles	04
Leads	3#4,6#6
Proprietary	False
Created date	05-21-2019

IP Rating	NONE
KVA Code	G
Lifting Lugs	Standard Lifting Lugs
Max Speed	3600 rpm
Motor Lead Quantity/Wire Size	3 @ 4 AWG
Motor Standards	NEMA
Motor Type	A36062M
Mounting Arrangement	F1
Number of Poles	4
Overall Length	33.45 IN
Power Factor	87
Product Family	General Industrial
Pulley End Bearing Type	Ball
Pulley Face Code	C-Face
Service Factor	1.00
Shaft Diameter	2.374 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	Shaft Slinger
Speed	1780 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	Normally Closed Thermostat

Nameplate

NP2496L	
MOBIL POLYREX EM	

000692000FX

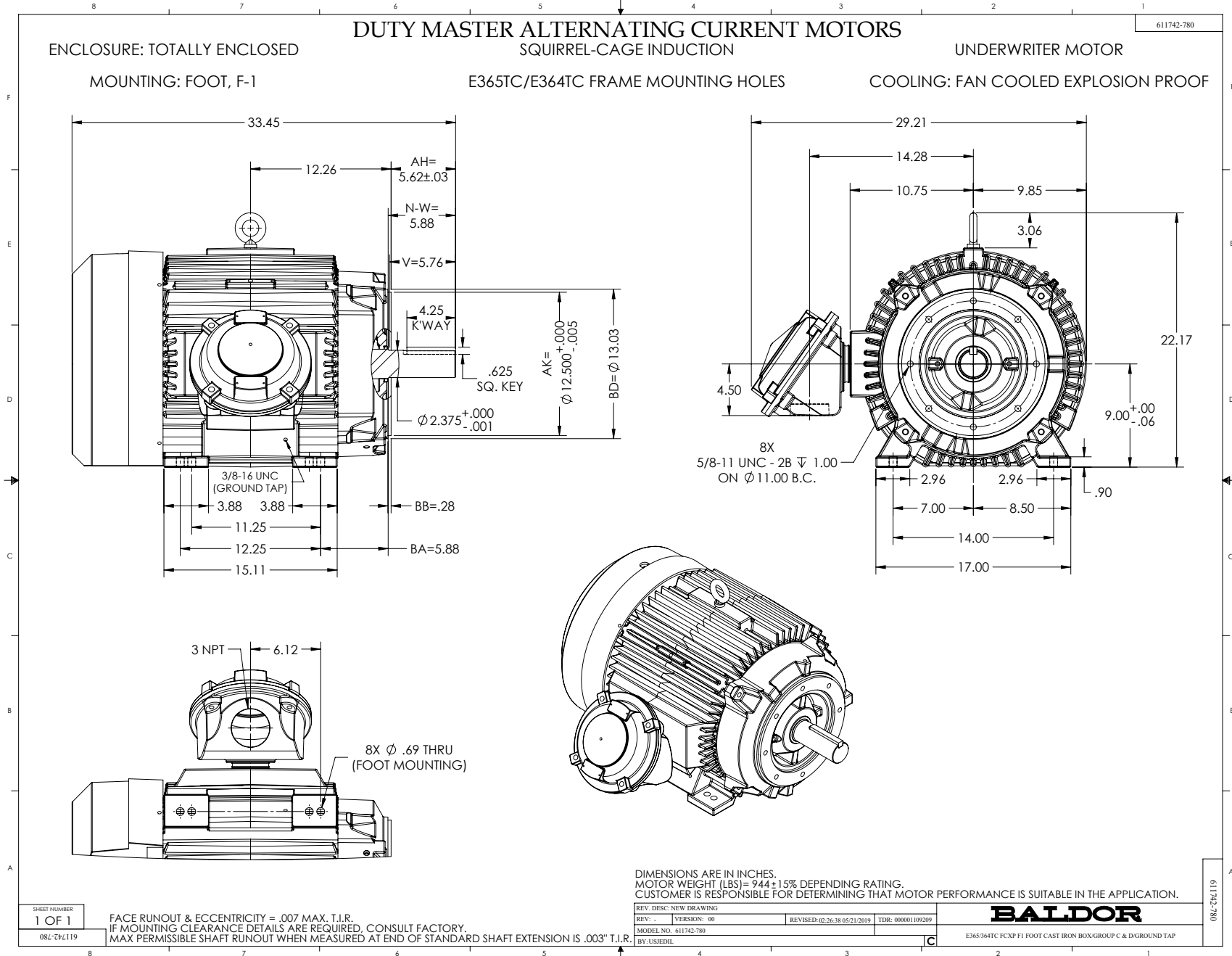


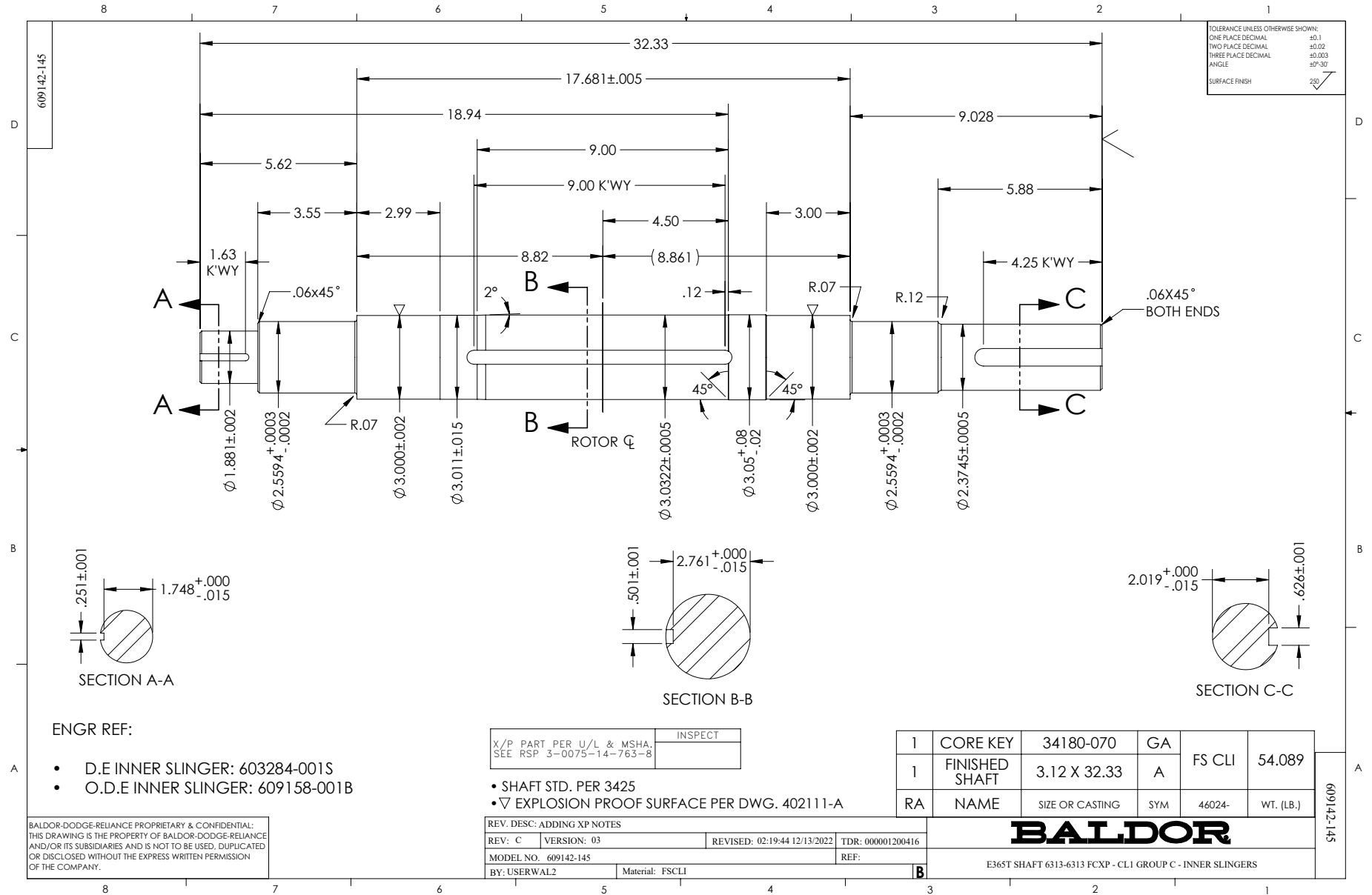
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CLASS I GROUP C D X **NO.****CLASS II GROUP** X X X**OPERATING TEMP CODE** T3C

NP3140L

SPEC NO.	A36-7647-0261		CAT.NO.	CDRX36644T			FRAME	364TC		
HP	60	VOLTS	230/460		PHASE	3	DESIGN	B	TYPE	P
RPM	1780	AMPS	136/68		HZ	60	AMB	40	SF	1.00
DRIVE END BEARING	65BC03J30X		DUTY	CONT		INSUL.CLASS	F			
OPP D.E. BEARING	65BC03J30X		ENCL	TEFC		CODE	G			
SF	1.15	WK2	14.524	MAG CUR	20.1		RPM MAX	3600		
CT HZ	6-60	VT HZ	0-60	CHP HZ	60-90		NEMA-NOM-EFF	95		
	SUIT FOR 55C AMB AT 1.00 SF					IP55				
SER.NO.				MOTOR WEIGHT	1037					





ENGR REF:

- D.E INNER SLINGER: 603284-001S
- O.D.E INNER SLINGER: 609158-001B

X/P PART PER U/L & MSHA. SEE RSP 3-0075-14-763-8	INSPECT
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- SHAFT STD. PER 3425
- ▽ EXPLOSION PROOF SURFACE PER DWG. 402111-A

1	CORE KEY	34180-070	GA	FS CLI	54.089
1	FINISHED SHAFT	3.12 X 32.33	A		
RA	NAME	SIZE OR CASTING	SYM	46024-	WT. (LB.)

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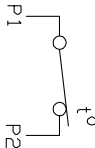
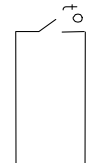
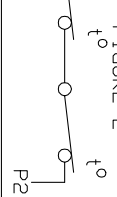
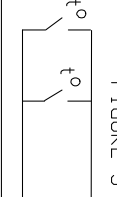
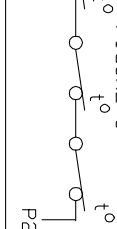
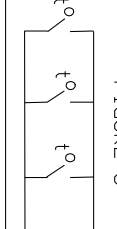
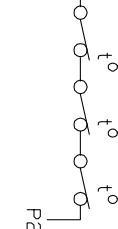
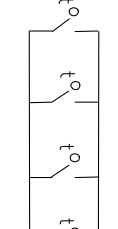
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MODEL NO. 609142-145		REF:			
BY: USERWAL2	Material: FSCLI				

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E365T SHAFT 6313-6313 FCXP - CL1 GROUP C - INNER SLINGERS

CONNECTION DIAGRAM ACCESSORIES

MOTOR WINDING THERMOSTATS	
CONTACTS _____ @ _____ °C	
FIGURE NUMBER _____	
CONTACT RATING	
VOLTS	CONTINUOUS AMPERES
110-120	3.0
220-240	1.5
440-480	0.75
550-600	0.60
	INRUSH AMPERES
	30
	15
	7.5
	6.0

NORMALLY CLOSED	THERMOSTATS	NORMALLY OPEN
 <p>FIGURE 1</p>		 <p>FIGURE 4</p>
 <p>FIGURE 2</p>		 <p>FIGURE 5</p>
 <p>FIGURE 3</p>		 <p>FIGURE 6</p>
 <p>FIGURE 7</p>		 <p>FIGURE 8</p>

CUSTOMER _____ CUSTOMER ORDER NO. _____ S.O. NO. _____

418174-006

418174-006

REV. DESC: LOADED TO BUS		
REV. LTR: A	VERSION: 01	TDR: 000000570390
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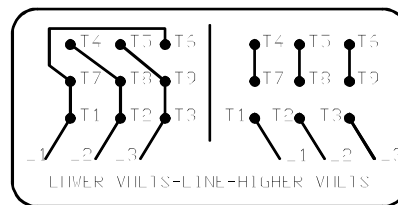
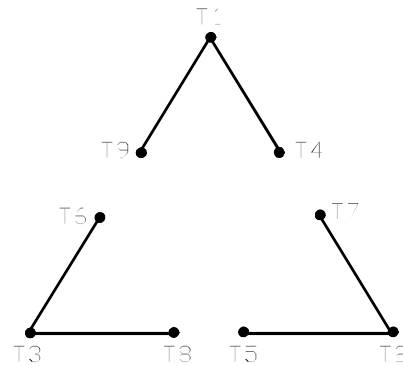
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A-C MOTOR CONNECTION ACCESSORIES

SH 1 of 1

416820-002

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



(N.P. 1575-B)

416820-002

REV. DESC: FONT CHANGE FOR PDF SEARCHABLE		
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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