

PRODUCT INFORMATION PACKET

Model No: 213TTDBD8026

Catalog No: H955A

Special Voltage Motors, Drip Proof, 7.5 HP, 3 Ph, 50 Hz, 200/400 V, 1460 RPM, 213T Frame



Regal and are trademarks of Regal Rexnord Corporation or one of its affiliated companies.
©2022 Regal Rexnord Corporation, All Rights Reserved. MC017097E

Nameplate Specifications

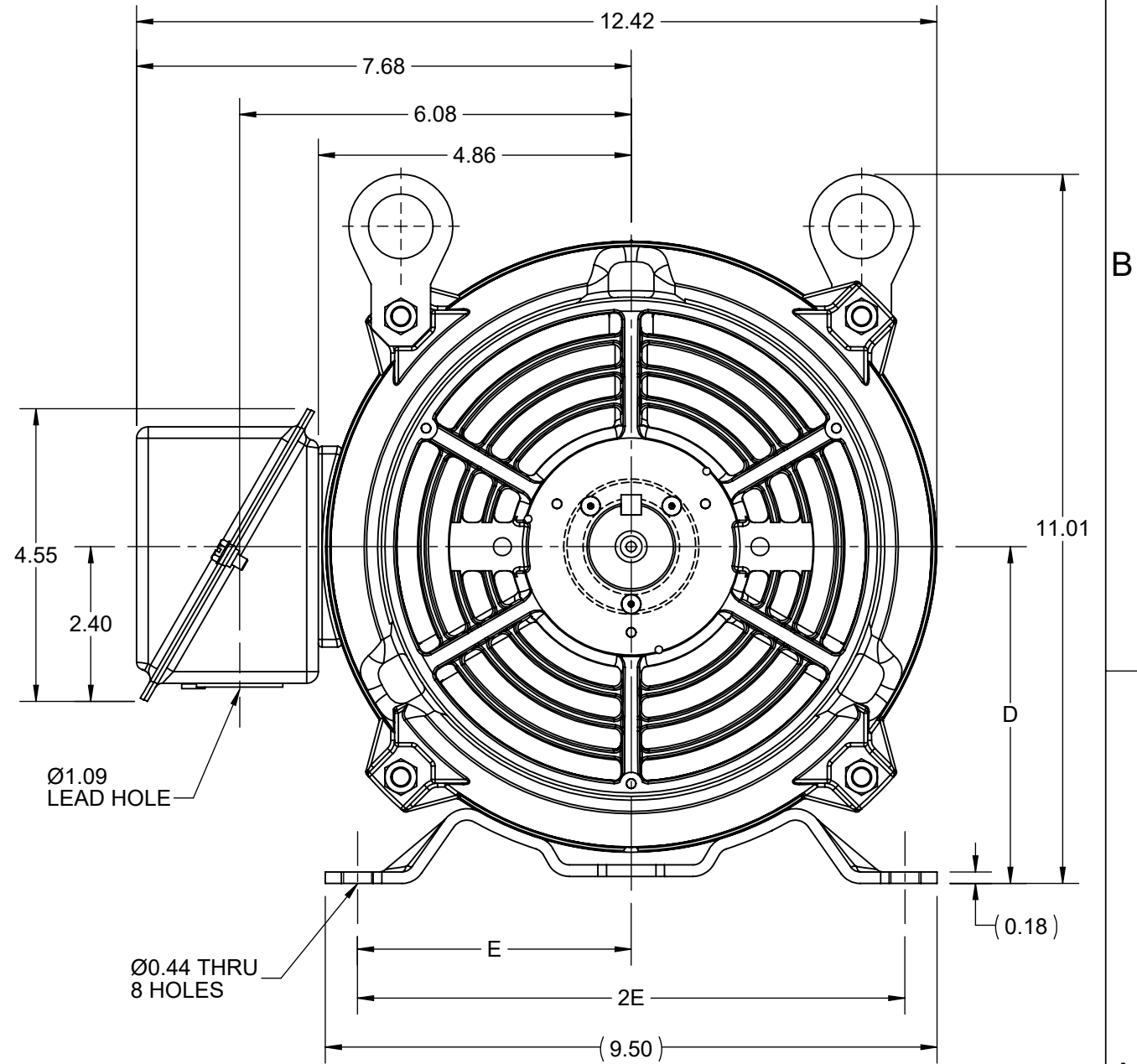
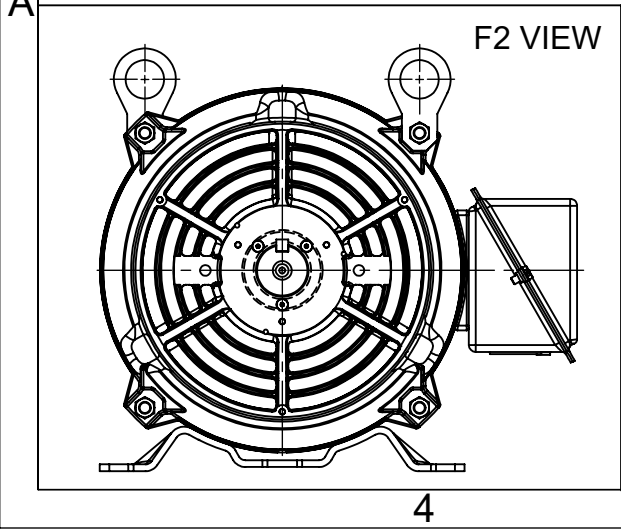
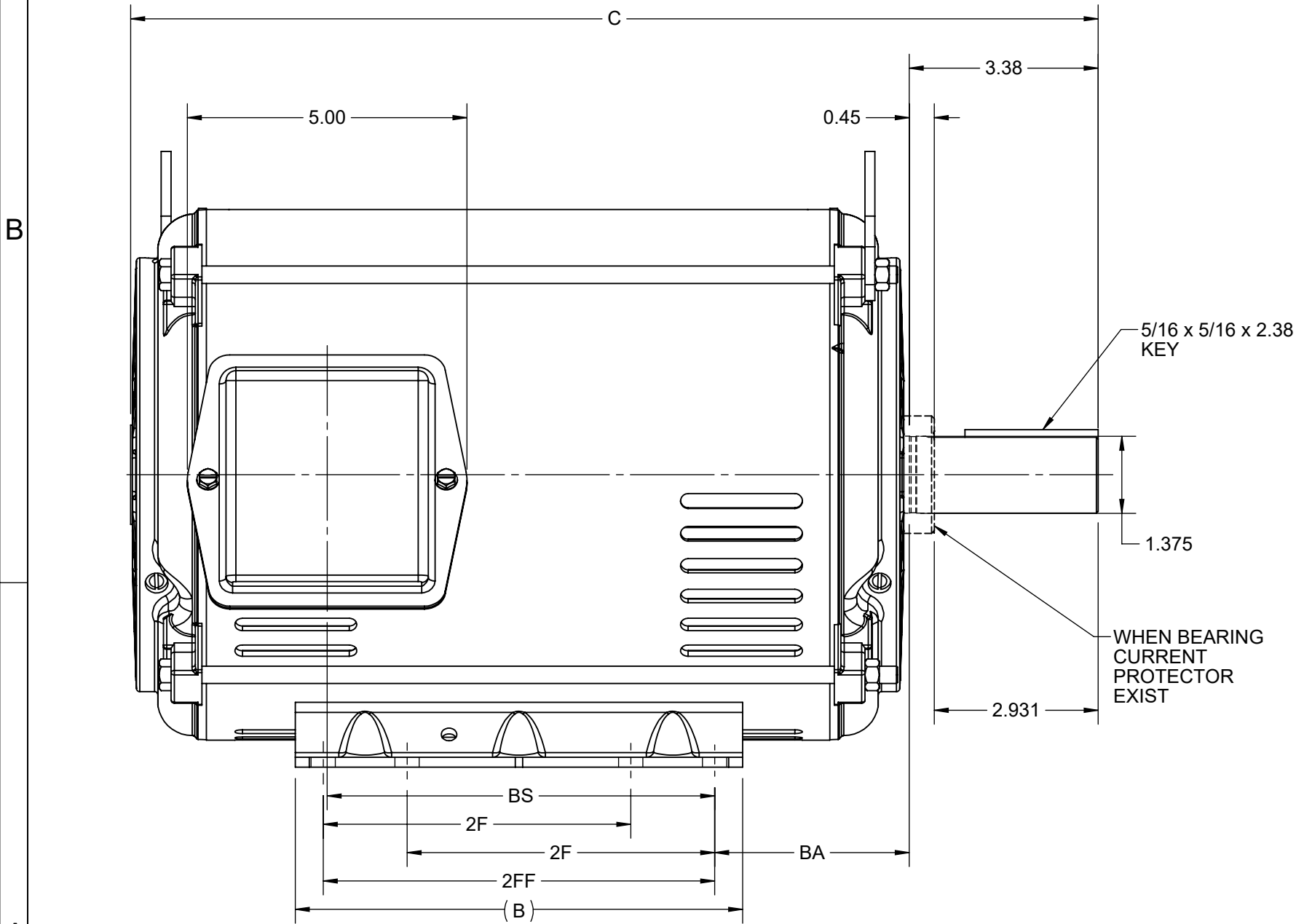
Output HP	7.50 Hp	Output KW	5.6 kW
Frequency	50 Hz	Voltage	200/400 V
Current	21.9/10.9 A	Speed	1460 rpm
Service Factor	1.15	Phase	3
Efficiency	87.5 %	Power Factor	85.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Frame	213T	Enclosure	Drip Proof
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6307	Opp Drive End Bearing Size	6206
UL	Recognized	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Part Wdg Start Low Volt Only & Wye Start Delta Run
Poles	4	Rotation	Reversible
Resistance Main	1.434 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Shaft Diameter	1.375 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Connection Drawing	EE7358	Outline Drawing	SS620684

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:07/18/2022

4					3				
B	C	D	E	2E	2F	2FF	BA	BS	MOUNTING
8.00	17.30	5.25	4.25	8.50	5.50	7.00	3.50	6.93	F1 OR F2



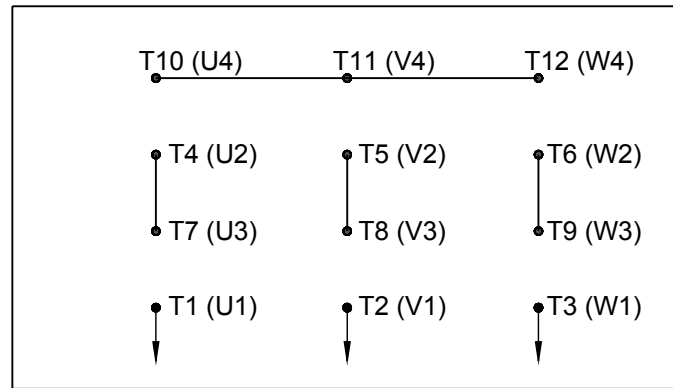
DRAWING REVISION F	REVISION BY GOPI J	REV DATE/© DATE 09/05/2022
REQUEST NUMBER CR-0008840	APPROVED BY GNK	DATE 09/05/2022
REQUEST NUMBER DESCRIPTION FRAME AND CONDUIT BOX PART # UPDATED AS PER CR		
COPYRIGHT (PER REVISION DATE) REGAL BELOIT AMERICA, INC. ALL RIGHTS RESERVED. PROPRIETARY AND CONFIDENTIAL INFORMATION - THIS DOCUMENT IS THE PROPERTY OF REGAL BELOIT AMERICA, INC. ("OWNER") AND CONTAINS OWNER'S PROPRIETARY INFORMATION. ANY PERSON, CORPORATION OR OTHER FIRM RECEIVING IT IS DEEMED, BY RECEIVING IT, TO AGREE THAT IT, AND/OR ANY PART OF IT, SHALL NOT BE DISCLOSED TO ANY PERSON, CORPORATION OR OTHER ENTITY, DUPLICATED, AND/OR USED, EXCEPT AS EXPRESSLY APPROVED IN WRITING IN ADVANCE BY OWNER. THIS DOCUMENT SHALL BE RETURNED TO OWNER UPON REQUEST. IT MAY BE SUBJECT TO CERTAIN RESTRICTIONS UNDER APPLICABLE EXPORT CONTROL LAWS AND REGULATIONS.		

PRIMARY DIMENSIONS ARE INCH
mm DIMENSIONS IN [BRACKETS]
ARE FOR REFERENCE ONLY

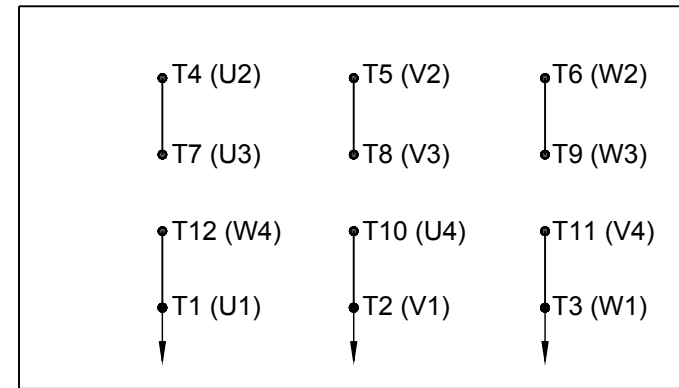
DRAWN BY ZXW	 Regal Beloit America, Inc.	
DATE 16/04/2015		
APPROVED BY ZL	DESCRIPTION OUTLINE 213/215T FR NEMA ODP RS	
DATE 16/04/2015		
REFERENCE	MATERIAL	PROCESS/FINISH
THIRD ANGLE PROJECTION 	SIZE B	DRAWING NUMBER SS620684
		SHEET 1 OF 1

HIGH VOLTAGE

WYE START

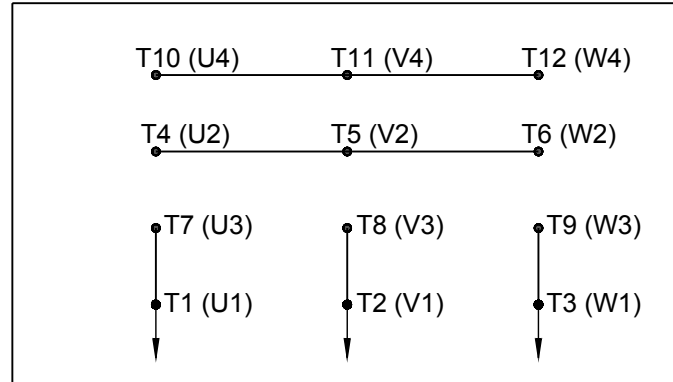


DELTA RUN

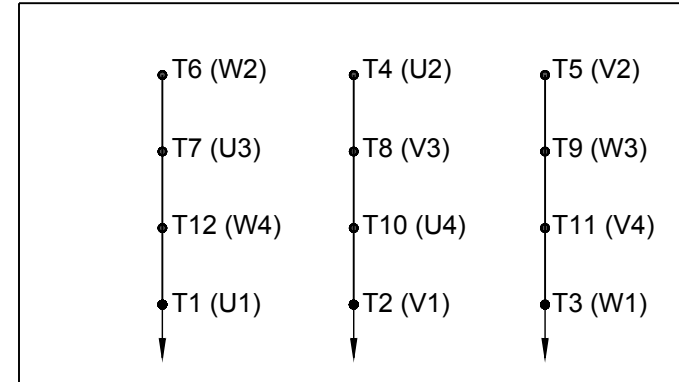


LOW VOLTAGE

WYE START



DELTA RUN

4/2 CKTY $\triangle$

DRAWING REVISION D	REVISION BY JWO	DATE 01-26-2016		DRAWN BY BLR	 Regal Beloit America, Inc.			
ECO ECO-0092547	APPROVED BY TB	DATE 01-26-2016		DATE 03-09-1998	DESCRIPTION CONN DIAGRAM-EXTERNAL 12 LEAD - DUAL VOLT. - WYE START - DELTA RUN			
ECO DESCRIPTION ADDED IEC MARKINGS				APPROVED BY GK				
COPYRIGHT REGAL BELOIT AMERICA, INC. ALL RIGHTS RESERVED. PROPRIETARY AND CONFIDENTIAL INFORMATION - THIS DOCUMENT IS THE PROPERTY OF REGAL BELOIT AMERICA, INC. ("OWNER") AND CONTAINS OWNER'S PROPRIETARY INFORMATION. ANY PERSON, CORPORATION OR OTHER FIRM RECEIVING IT IS DEEMED, BY RECEIVING IT, TO AGREE THAT IT, AND/OR ANY PART OF IT, SHALL NOT BE DISCLOSED TO ANY PERSON, CORPORATION OR OTHER ENTITY, DUPLICATED, AND/OR USED, EXCEPT AS EXPRESSLY APPROVED IN WRITING IN ADVANCE BY OWNER. THIS DOCUMENT SHALL BE RETURNED TO OWNER UPON REQUEST. IT MAY BE SUBJECT TO CERTAIN RESTRICTIONS UNDER APPLICABLE EXPORT CONTROL LAWS AND REGULATIONS.				DATE 03-23-1998				
				REFERENCE	MATERIAL		PROCESS/FINISH	
				THIRD ANGLE PROJECTION		SIZE A	DRAWING NUMBER EE7358	



P.O. BOX 8003
WAUSAU, WI 54401-8003
PH. 715-675-3311

DATA VOLTS: 400

CERTIFICATION DATA SHEET

CUSTOMER:

ORDER #:

CONN. DIAGRAM:

OUTLINE:

WINDING:

SPEED:

EE7358
SS620684

HA31324020 NONE 2

CUSTOMER P.O. #:

REFERENCE MODEL #: 213TTDBD8026

CAT #: H955A

CUSTOMER PART #:

MOUNTING: F1/F2 CAPABLE

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC RPM	FL RPM	FRAME	ENCLOSURE	TYPE	KVA CODE	DESIGN
7.5	5.6	1500	1460	213T	DP	TDB	G	B

PH	HZ	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB	ELEV.
3	50	200/400	21.9/10.9	PWS (LV ONLY) & YDRUN	CONT	F	1.15	40	3300

F.L. EFF	87.5	3/4 LD EFF	89.2	1/2 LD EFF	89.2	GTD EFF	ELECT. TYPE
F.L. PF	85.5	3/4 LD PF	83.0	1/2 LD PF	74.8	87.2	SQ CAGE IND RUN

F.L. TORQUE	LR AMPS @ 460 V	L.R. TORQUE	B.D. TORQUE	F.L. RISE (° C)
27.0 LB-FT	64.6	60.0 LB-FT	222% 65.0 LB-FT	241% 60

SOUND PRESSURE @ 3 FT.	SOUND	POWER	ROTOR WK ²	MAX. LOAD WK ²	SAFE STALL TIME	STARTS/HOUR	APPROX.	MOTOR WGT
0 dBA	9 dBA		0.883 LB-FT ²	0 LB-FT ²	0 SEC.	0	0	LB.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	MOTOR ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RIGID	HORIZONTAL	NO	NONE	YES	NONE	BLUE (ENAMEL)

BEARINGS	GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT	MATERIAL	FRAME MATERIAL
DE ODE							
BALL BALL	POLYREX EM	T	NONE	NONE	1045 HOT ROLLED (C-204)		ROLLED STEEL
6307 6206							

THERMOSTATS	PROTECTORS	WDG RTD's	BRG RTD's	THERMISTORS	CONTROL	SPACE	HEATERS
NONE	NOT	NONE	NONE	NONE	FALSE		NA

R1 (ohms/ph)	R2 (ohms/ph)	X1 (ohms/ph)	X2 (ohms/ph)	Xm (ohms/ph)	VIBRATION (in/sec)	FLOAT
1.04598338	0.60166205	3.105817175	3.770637119	74.97396122	0.150	ODE

* N O T E s					INVERTER TORQUE: NONE
					INV. HP SPEED RANGE: NONE
					ENCODER: NONE
					NONE
					NONE PPR
PREPARED BY: CHANDANA DESU					BRAKE: NONE
DATE: 6/20/2022					NONE NONE
					FT-LB: NA
					VOLTAGE: NONE HZ:
FORM: 3531 REV_4 2/27/06					UL: V - LI ME-INS.CONST UL REC