

PRODUCT INFORMATION PACKET

Model No: 286THTPA18545
Catalog No: 286THTPA18545
30,1800,TENV,286TC,3/60/460

Nameplate Specifications

Technical Specifications

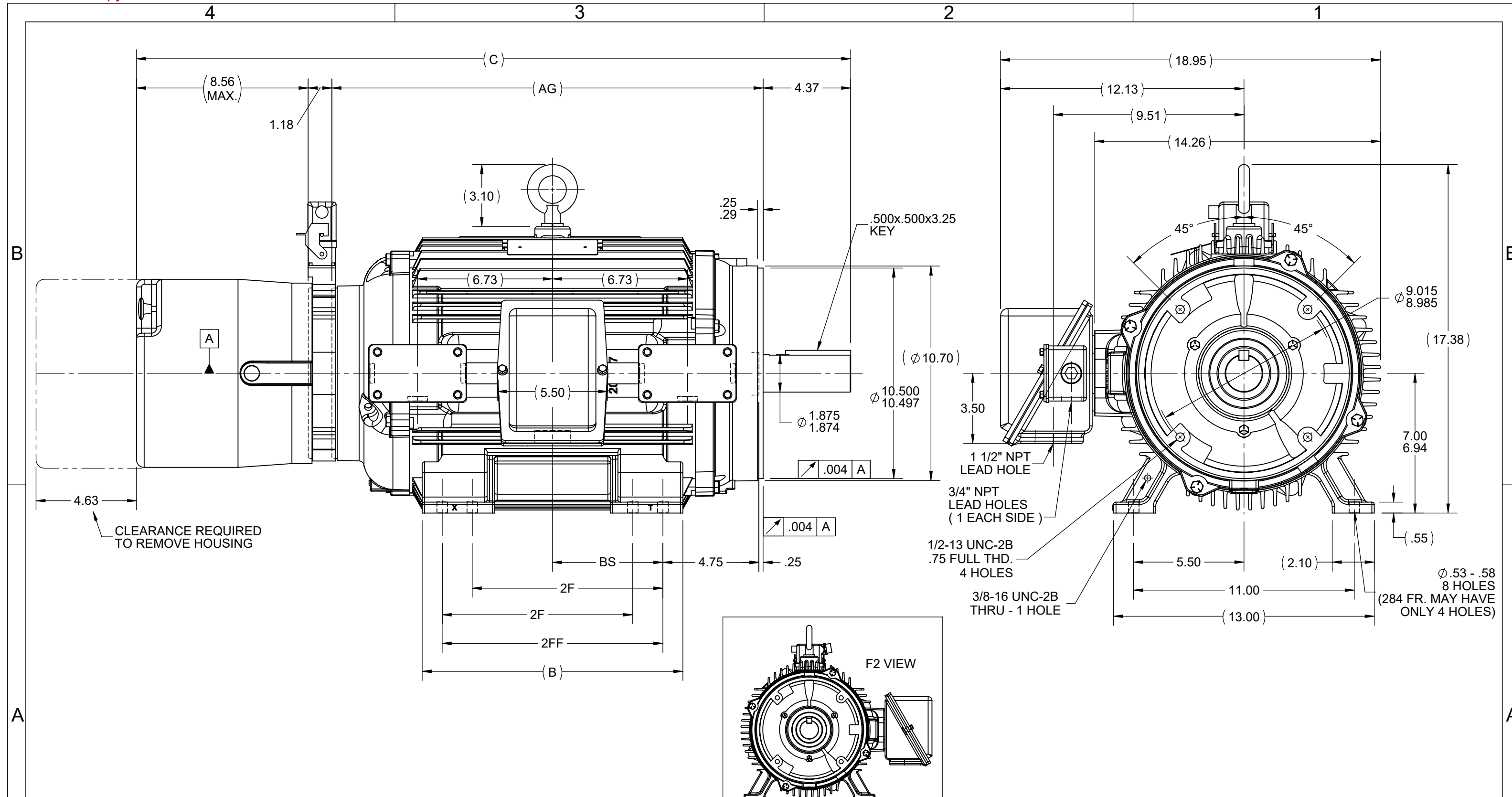
Connection Drawing

EE7300CA

Outline Drawing

SS312900A-1425

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:03/08/2023



NOTES:
 1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS.
 2. CONDUIT BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°.
 3. NAMEPLATES TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

DASH	FRAME	C	AG	B	2F	2FF	BS
1275	284TC	34.11	20.00	11.50	---	9.50	4.75
1425	286TC	35.61	21.50	13.00	9.50	11.00	5.50

DRAWING REVISION A	REVISION BY	DATE
ECO NMR-0216119	APPROVED BY	DATE
ECO DESCRIPTION NEW DRAWING		
<small>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.</small>		

TOLERANCES UNLESS OTHERWISE SPECIFIED:

DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±7° 30"
.XX	±0.03	[±0.76]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	

REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [0.076/.381] X 45°
 CORNER FILLETS: R.02 [.51]
 MACHINED SURFACES: 200 INCH/mm 5.1

mm SHOWN IN [BRACKETS]

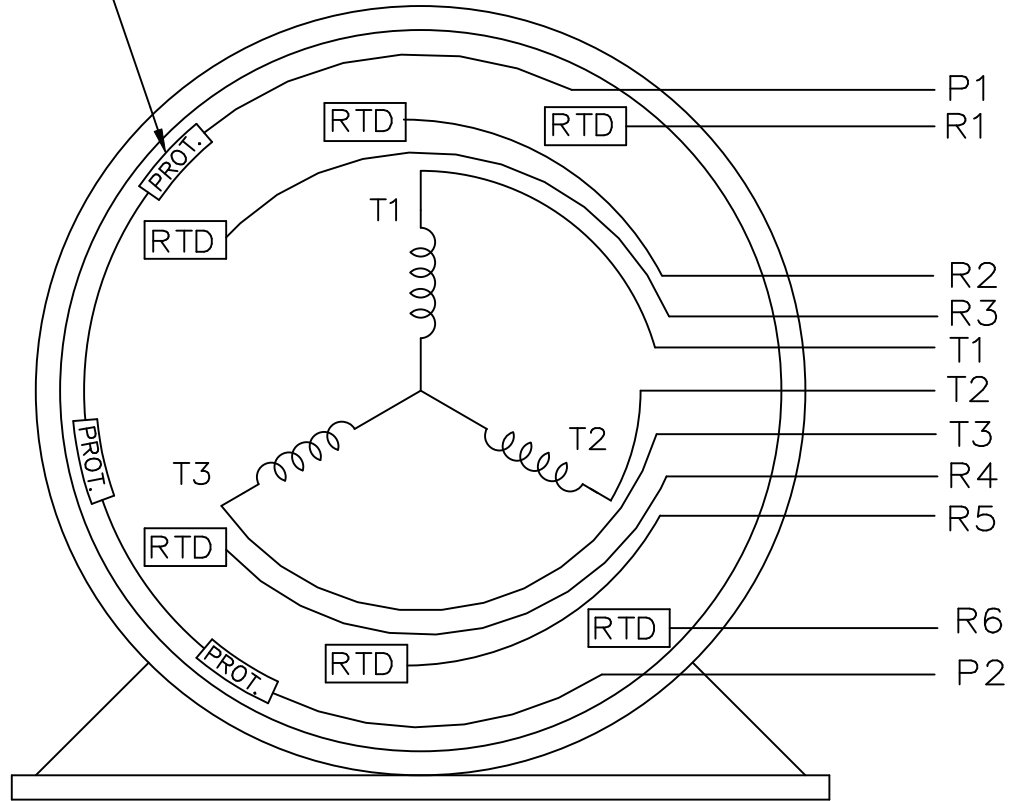
DRAWN BY NIV
DATE 09-09-2022
APPROVED BY NIV
DATE 09-09-2022
REFERENCE
THIRD ANGLE PROJECTION

REGAL ™ Regal Beloit America, Inc.	
DESCRIPTION OUTLINE	
280TC FR. - TENV - AV85 TACH - STEARNS BRAKE	
MATERIAL	PROCESS/FINISH
SIZE B	DRAWING NUMBER SS312900A
SHEET 1 OF 1	


THREE PHASE – SINGLE VOLTAGE
 MOTOR OR INDUCTION GENERATOR
 WITH 6 RTD'S, 2 PER PHASE MARKED
 R1 THRU R6. 2 PROTECTOR
 LEADS MARKED P1 AND P2

TO REVERSE ROTATION:
 INTERCHANGE ANY TWO LINE
 LEAD CONNECTIONS

THERMO – PROTECTORS
 CONNECTED IN SERIES



VIEW OF TERMINAL END

		TOLERANCES UNLESS SPECIFIED				DRAWN TJB 02-16-2001		
		DEC.	INCHES			CHK	ML 02-16-2001	
		.X	± -	TITLE CONNECTION DIAGRAM SINGLE VOLT – 3φ MOTOR		APPD	GK 02-16-2001	
		.XX	± -			SCALE	1=1	
		.XXX	± -			REF		
2	REDRAWN ON CADD	TJB	02-16-2001	.XXXX	± -	MAT'L.	FMF	
NO.	REVISION	BY & DATE	CHK	ANG	± -	FINISH	PREV	
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT – DO NOT SCALE THIS PRINT				RFP	CAD FILE ee7300ca	SIZE	DRAWING NO. PAGE OF	REV.
				DIST LB-WP		A	EE7300CA	2