

PRODUCT INFORMATION PACKET



Model No: 286THFPA18537
Catalog No: 286THFPA18537
30,1800,TEFC,286T,3/60/460

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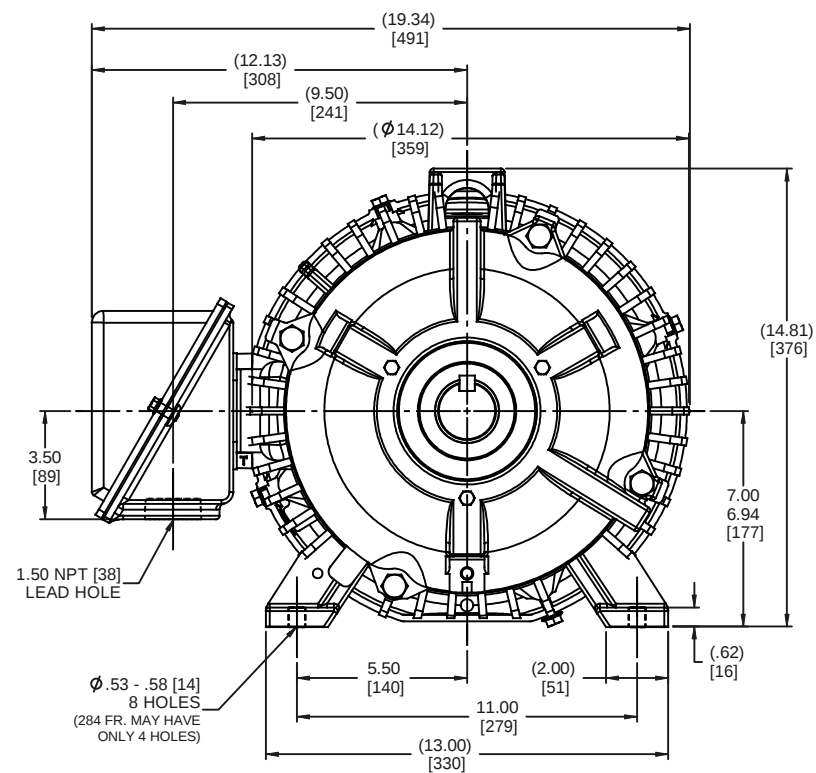
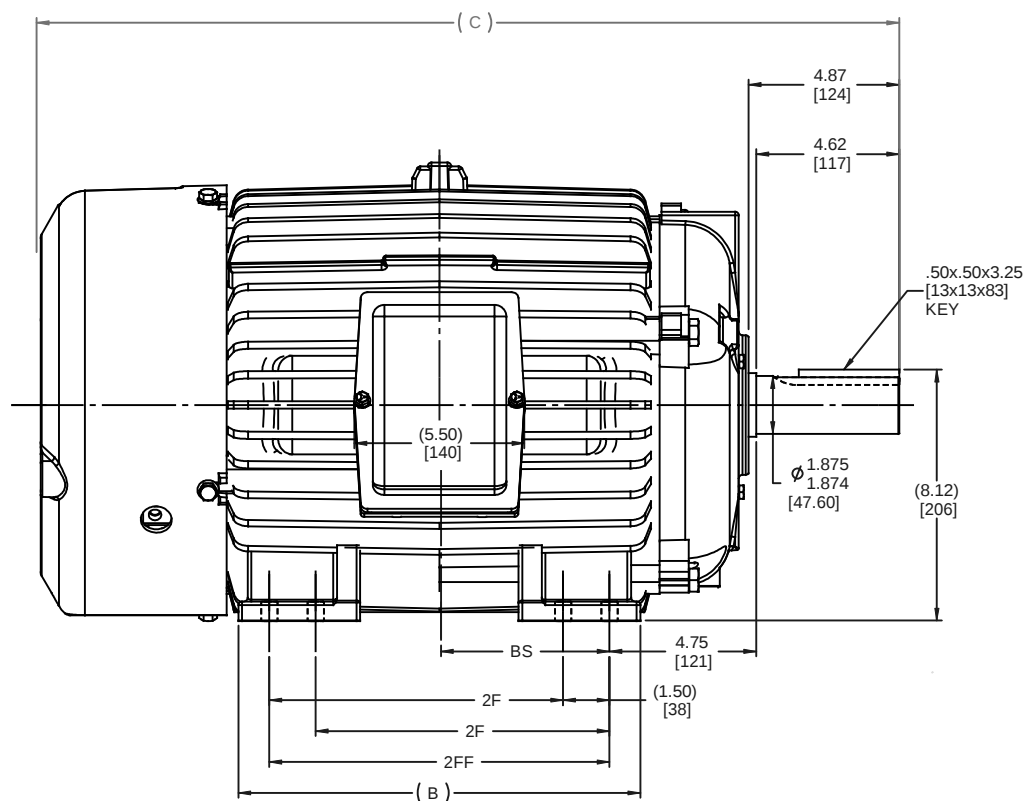
Nameplate Specifications

Phase	3	Output HP	30 Hp
Output KW	22.4 kW	Voltage	460 V
Speed	1760 rpm	Service Factor	1
Frame	286T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Thermostat	Efficiency	91.7 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	37.0 A	Power Factor	82
Duty	Continuous	Insulation Class	H
Design Code	INV	KVA Code	G
Drive End Bearing Size	311	Opp Drive End Bearing Size	210
UL	Recognized	CSA	Y
CE	Y	IP Code	55
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Duty	Starting Method	Inverter Only
Poles	4	Rotation	Reversible
Resistance Main	.27 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	B-SS312163-1425	Connection Drawing	A-EE7300T

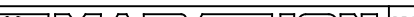
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NOTES:

- 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- NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.
- 4- ALL DIMENSIONS IN BRACKETS [] ARE METRIC.

DASH	FRAME	B	C	2F	2FF	BS
1275	284T	11.50 [292]	26.39 [670]	9.50 [241]	-- --	4.75 [121]
1425	286T	13.00 [330]	27.89 [708]	9.50 [241]	11.00 [279]	5.50 [140]

					TOLERANCES UNLESS SPECIFIED		DRAWN RWR 03-02-2009	
				DEC INCHES	CHK BW 04-21-2009			
			X ±.1		APPR TB 03-02-2009			
			.XX ±.03	TITLE OUTLINE - TEFC - TTPA	SCALE 1:4			
			.XXX ±.005	280T FR. - STD - 11.00 LAM - CAST C'BOX	REF SS311037			
			.XXXX ±.0005	MAT'L	FMF MU90222			
NO	REVISION	BY & DATE	CHK ANG #7°30"	FINISH	PREV			
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				DIST JR				

THREE PHASE - SINGLE VOLTAGE
MOTOR - CONDUIT BOX @ 'A'

TO REVERSE ROTATION:
INTERCHANGE ANY TWO LINE
LEAD CONNECTIONS

NOTE FOR FACTORY USE ONLY:
TO SURGE TEST:
FOR 3 LEAD COMMON CONNECT:
CONNECT P1 TO T1 THEN P2 TO L1
FOR 6 LEAD COMMON CONNECT:
CONNECT P1 TO BOTH T1
THEN P2 TO L1

TERMINAL BLOCK WHEN SPECIFIED



VIEW OF TERMINAL END

IF MOTOR HAS MULTIPLE
T'S PER LEAD CONNECT
TOGETHER LIKE T'S



A-9806 DECAL

T2BM
T6AW
T6AL
T6Z
T4EG
T4BF
T8A
T6H
T6A
T4AX
T4A
T2A
T2F

DRAWING REVISION AB	REVISION BY AJW	DATE 07-17-2015
ECO ECO-0081632	APPROVED BY T.VUE	DATE 07-17-2015
ECO DESCRIPTION REV'D IEC MARKINGS PER IEC-60034-8		
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DRAWN BY LZ	DATE 01-04-1994
APPROVED BY GK	DATE 01-20-1994
REFERENCE	THIRD ANGLE PROJECTION

 Regal Beloit America, Inc.		
DESCRIPTION CONN DIAGRAM-EXTERNAL 3Ø-SINGLE VOLT-MOTOR WITH PROTECTOR		
MATERIAL	PROCESS/FINISH	
SIZE A	DRAWING NUMBER EE7300T	SHEET 1 OF 1