

PRODUCT INFORMATION PACKET



Model No: 286THFPA18582
Catalog No: 286THFPA18582
20,1200,TEBC,286TC,3/60/460

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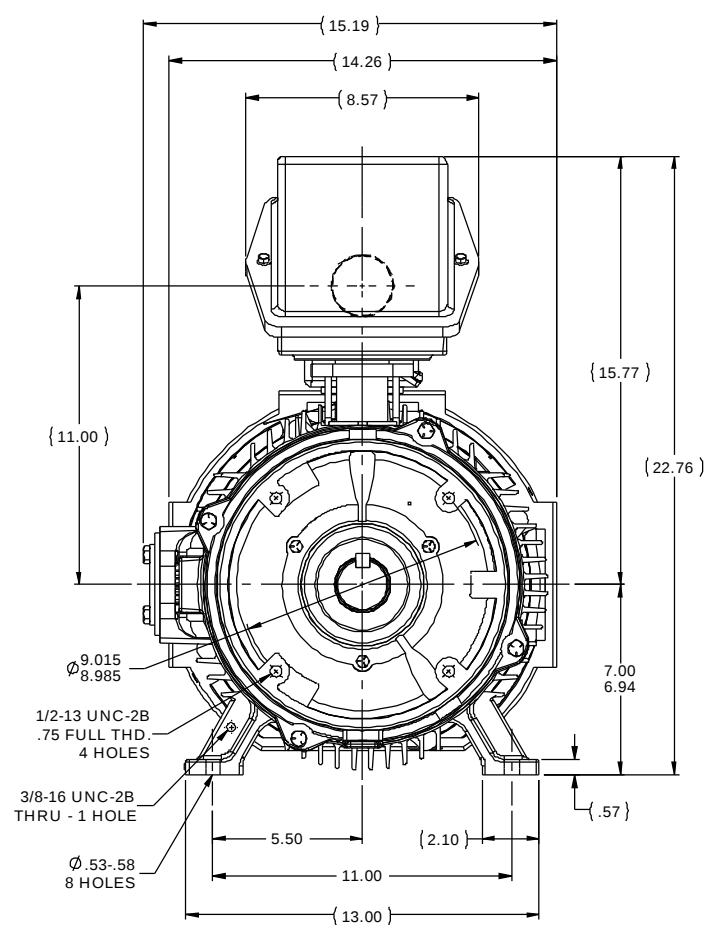
Nameplate Specifications

Phase	3	Output HP	20 Hp
Output KW	14.9 kW	Voltage	460 V
Speed	1160 rpm	Service Factor	1
Frame	286TC	Enclosure	Totally Enclosed Blower cooled - Axial
Thermal Protection	Thermostat	Efficiency	87.5 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	26.2 A	Power Factor	82
Duty	Continuous	Insulation Class	H
Design Code	INV	KVA Code	F
Drive End Bearing Size	6311	Opp Drive End Bearing Size	6210
UL	Recognized	CSA	Y
CE	Y	IP Code	56
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Duty	Starting Method	Inverter Only
Poles	6	Rotation	Reversible
Resistance Main	.58 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	F3
Outline Drawing	B-SS312525-1425	Connection Drawing	A-EE7300T

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1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS.
2. NAMEPLATE READ FROM C'BOX PAD SIDE OF MOTOR.

1425	286TC	39.31	34.93	13.00	9.50	11.00	.68
DASH	FRAME	C	AG	B	2F	2FF	BS

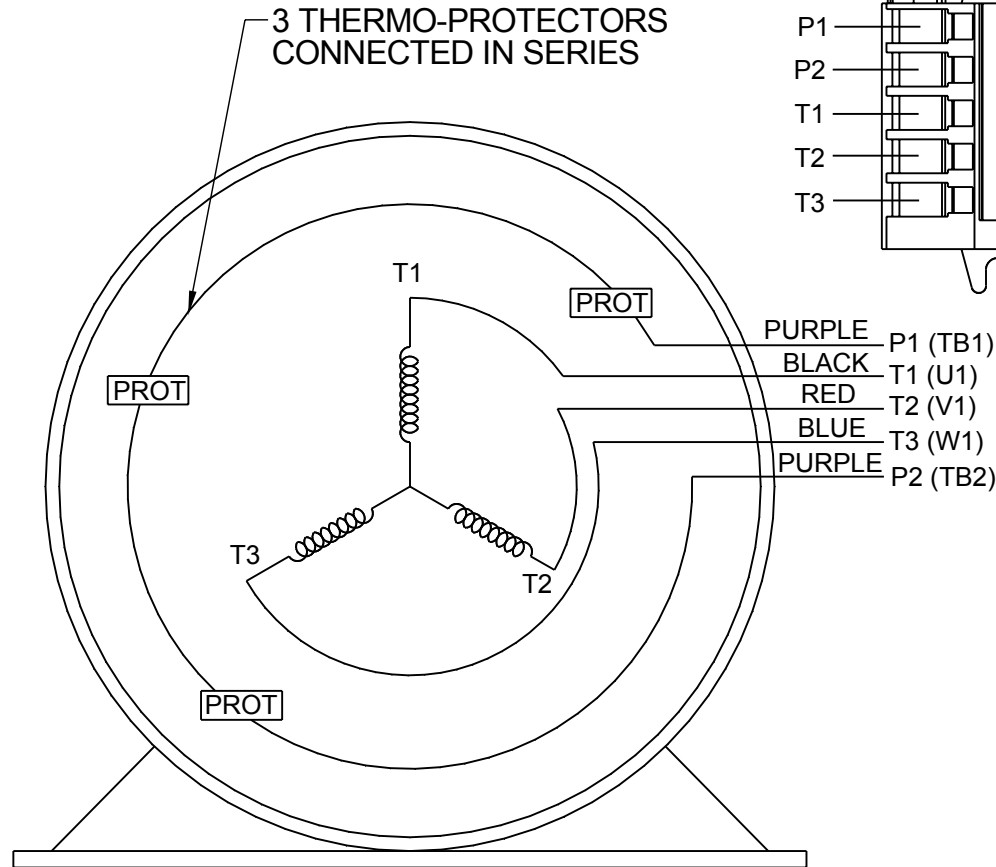
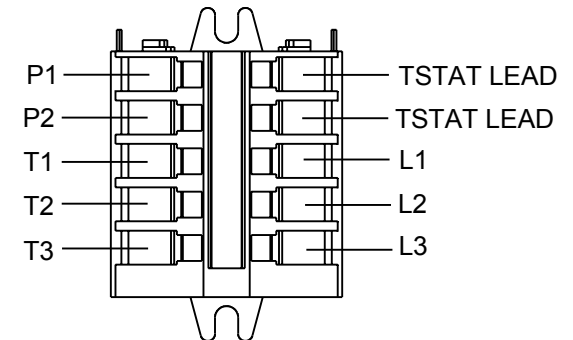
				TOLERANCES UNLESS SPECIFIED			DRAWN MSG 06-10-2013
			DEC INCHES				CHK DR 06-11-2013
			X ±.1				APPR TB 06-12-2013
			XX ±.03	TITLE OUTLINE - TEBC - C' FACE - INPRO SEALS			SCALE 7:32
			XXX ±.005	280TC FR. - DYNAPAR HSD38 ENCODER			REF
			XXXX ±.0005	MAT'L			FMF MU113620
NO	REVISION	BY & DATE	CHK ANG ±7'30"	FINISH		PAGE OF	
	THIRD ANGLE PROJECTION		RFP 06-12-2013	PREV	SZ B	DRAWING NO SS312525	REV
			NETWORK FILE NAME	SS312525			

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