

PRODUCT INFORMATION PACKET



Model No: 284TTTNA16032
Catalog No: 284TTTNA16032
25,1800,TEAO,284T,3/60/460

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Nameplate Specifications

Phase	3	Output HP	25 Hp
Output KW	18.7 kW	Voltage	460 V
Speed	1775 r/min	Service Factor	1.15
Frame	284T	Enclosure	Totally Enclosed Air Over
Thermal Protection	No Protection	Efficiency	93.6 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	31.0 A	Power Factor	81
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	311	Opp Drive End Bearing Size	210
UL	Recognized	CSA	Y
CE	N	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	.251 O	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
Connection Drawing	A-EE7300X	Outline Drawing	B-SS311162-1425

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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 ROTATING FRAME 180°.
3. NAMEPLATE READ FROM CONDUIT BOX SIDE OF MOTOR.



DASH	FRAME	B	C	BS	2F	2FF
1275	284T	12.50	23.68	4.75	---	9.50
1425	284/286T	13.00	25.24	5.50	9.50	11.00

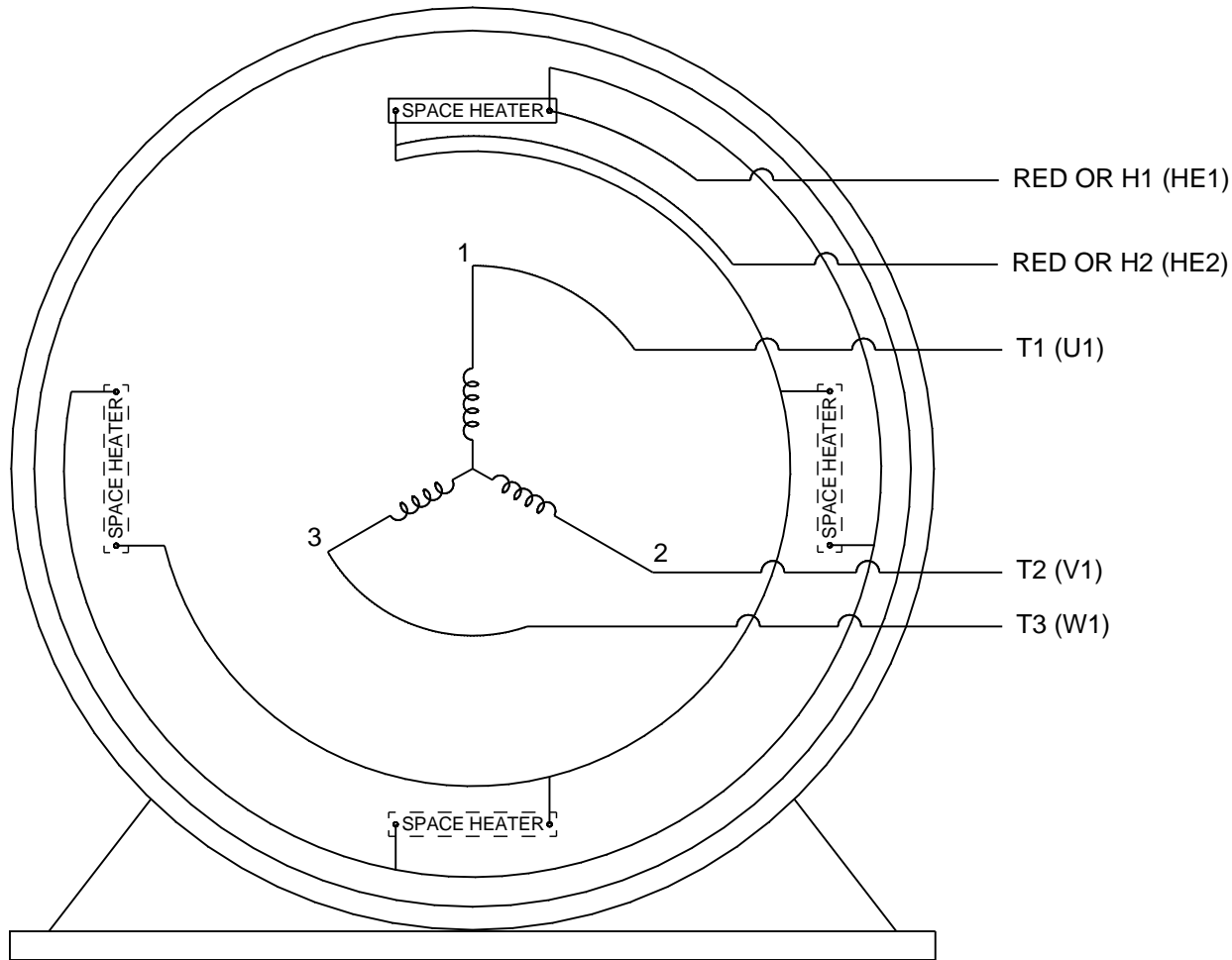
DRAWING REVISION H	REVISION BY BBR	REV DATE/© DATE 12/6/2023
REQUEST NUMBER CR-0015545	APPROVED BY ST	DATE 12/6/2023
REQUEST NUMBER DESCRIPTION OUTLINE UPDATED WITH FRAME		
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TOLERANCES (EXCEPT AS NOTED):

<u>DEC.</u>	<u>INCH</u>	<u>mm</u>	<u>ANGLE</u>
.X	±0.1	[±3]	±7° 30"
.XX	±0.03	[±0.8]	
.XXX	±0.005	[±0.13]	
.XXXX	±0.0005	[±0.013]	

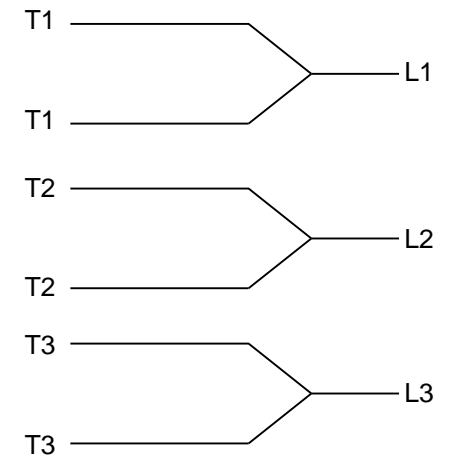
REMOVE BURRS & BREAK SHARP
EDGES: .003/.015 [.08/.38] X 45°
CORNER FILLETS: R.02 [.5]
MACHINED SURFACES: $\frac{200}{\text{INCH}} \sqrt{\frac{5.1}{\text{mm}}}$
mm DIMENSIONS IN [BRACKETS]
ARE FOR REFERENCE ONLY

DRAWN BY DAH		 Regal Beloit America, Inc.	
DATE 05-08-2001			
APPROVED BY BW		DESCRIPTION <div style="text-align: center;"> OUTLINE 280T FR. - TEAO - STD - 12.50 LAM </div>	
DATE 05-10-2001			
REFERENCE	MATERIAL	PROCESS/FINISH	
THIRD ANGLE PROJECTION 	SIZE B	DRAWING NUMBER <div style="text-align: center; font-size: 1.5em;">SS311162</div>	SHEET 1 OF 1



NOTES:

1. WHEN MORE THAN ONE HEATER IS USED, HEATERS MUST BE CONNECTED IN PARALLEL.
2. RED LEADS CONNECTED TO SPACE HEATER CIRCUIT,
3. THREE PHASE MOTOR CONDUIT BOX AT "A" SINGLE VOLTAGE.

IF MOTOR HAS
6 LEADS

A-9806 DECAL

DRAWING REVISION K	REVISION BY T. VUE	DATE 09-15-2016
ECO ECO-0109385	APPROVED BY T. BROWN	DATE 09-15-2016
ECO DESCRIPTION ADDED HEATER IEC NOTATIONS		
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DRAWN BY PGK
DATE 09-18-1996
APPROVED BY ML
DATE 10-01-1996
REFERENCE
THIRD ANGLE PROJECTION



Regal Beloit America, Inc.

DESCRIPTION

CONN DIAGRAM-INTERNAL
3Ø - SINGLE VOLTAGE

MATERIAL

PROCESS/FINISH

SIZE
A

DRAWING NUMBER

EE7300X

SHEET
1 OF 1