

PRODUCT INFORMATION PACKET

Model No: 284THTNA18596
Catalog No: 284THTNA18596
10,1200,TENV,284TCV,3/60/460

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Nameplate Specifications

Output HP	10 Hp	Output KW	7.5 kW
Frequency	60 Hz	Voltage	460 V
Current	14.5 A	Speed	1185 rpm
Service Factor	1	Phase	3
Efficiency	90.2 %	Power Factor	72
Duty	60 Minute	Insulation Class	F
Design Code	INV	KVA Code	L
Frame	284TCV	Enclosure	Totally Enclosed Non Ventilated
Thermal Protection	Thermostat	Ambient Temperature	40 °C
Drive End Bearing Size	6311	Opp Drive End Bearing Size	6311
UL	Recognized	CSA	Y
CE	Y	IP Code	54
Number of Speeds	1		


Technical Specifications

Electrical Type	Squirrel Cage Inverter Duty	Starting Method	Inverter Only
Poles	6	Rotation	Reversible
Resistance Main	.508 Ohms	Mounting	Rigid Base
Motor Orientation	Shaft Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Assembly/Box Mounting	W7
Inverter Load	CONSTANT 2000:1		
Connection Drawing	A-EE7300AK	Outline Drawing	B-SS311575A-1275

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DRAWING REVISION A	REVISION BY	DATE
ECO ECO-0132982	APPROVED BY	DATE
ECO DESCRIPTION		
MU126358 / NMR-0130518		
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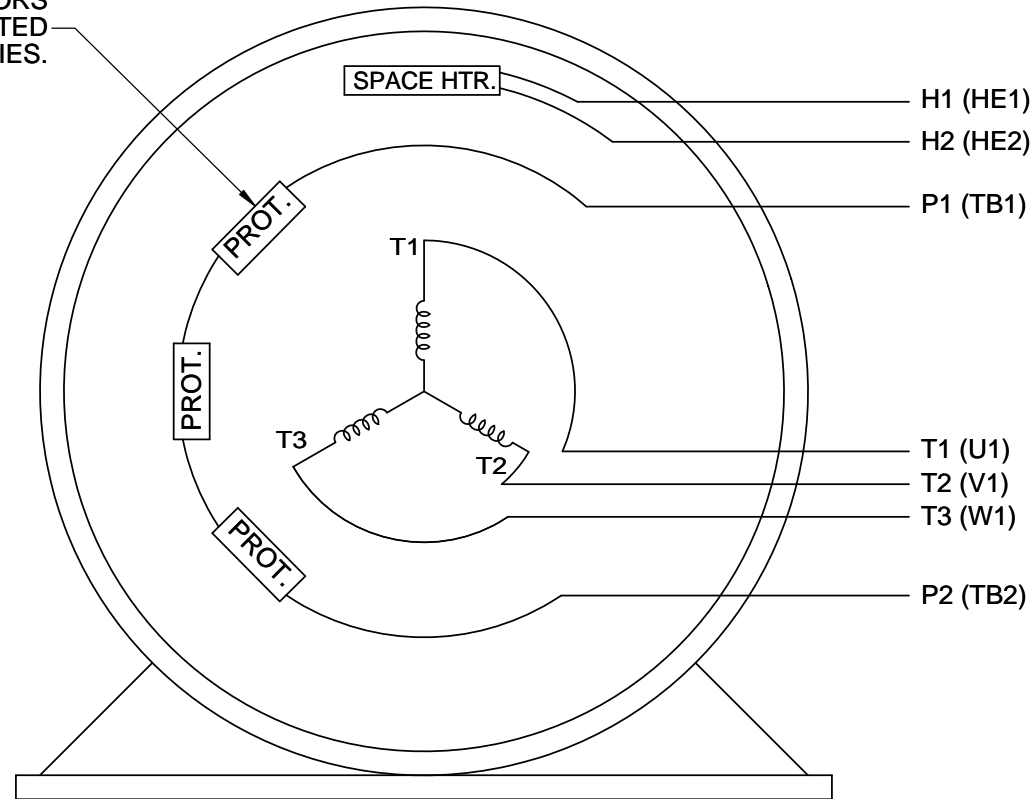
DRAWN BY	T. VUE
DATE	04-12-2017
APPROVED BY	T. BROWN
DATE	04-12-2017
REFERENCE	
THIRD ANGLE PROJECTION	

		Regal Beloit America, Inc.	
DESCRIPTION		OUTLINE 280TC FR. - 12.50 LAM. - STEARNS BRAKE - F2 ONLY	
MATERIAL		PROCESS/FINISH	
SIZE B	DRAWING NUMBER SS311575A		SHEET 1 OF 1

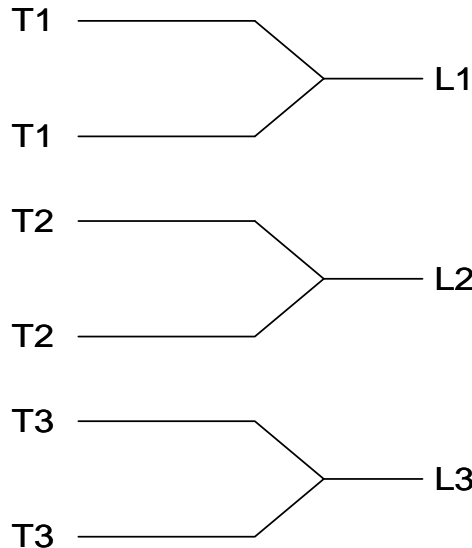
P1 AND P2 PROTECTORS TO VOLTAGE CONTROL

TO REVERSE ROTATION:
INTERCHANGE ANY TWO
LINE LEAD CONNECTIONS.

PROTECTORS
CONNECTED
IN SERIES.



IF MOTOR OR GENERATOR
HAS 6 LEADS



A-9806 DECAL

DRAWING REVISION J	REVISION BY J. OTTO	DATE 04-13-2017
ECO ECO-0121568	APPROVED BY T. VUE	DATE 04-18-2017
ECO DESCRIPTION		

ADDED IEC NOTATIONS

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TOLERANCES UNLESS OTHERWISE SPECIFIED:			
DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±7' 30"
.XX	±0.02	[±0.51]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	
REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.076/.381] CORNER FILLETS: .02 [.51] MACHINED SURFACES: 200 INCH 5.1/mm			
mm SHOWN IN [BRACKETS]			

DRAWN BY MJD	DATE 06-24-2014
APPROVED BY TB	DATE 07-06-1998
REFERENCE	THIRD ANGLE PROJECTION



Regal Beloit America, Inc.

DESCRIPTION
CONN DIAGRAM-INTERNAL
SINGLE VOLT-3Ø MOTOR

MATERIAL	PROCESS/FINISH
SIZE A	DRAWING NUMBER EE7300AK
SHEET 1 OF 1	