

PRODUCT INFORMATION PACKET



Model No: 324TSTFPA14504
Catalog No: 324TSTFPA14504
25,3600,TEFC,324TSCV,3/60/460

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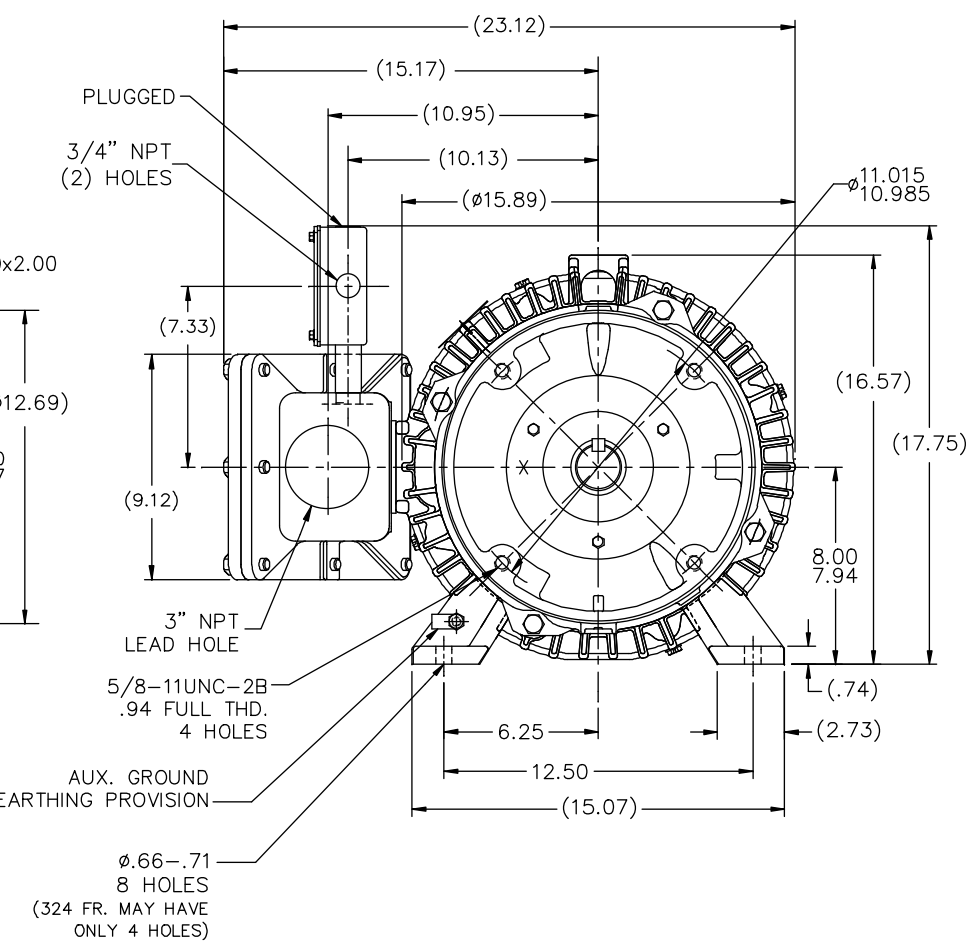
Nameplate Specifications

Phase	3	Output HP	25 Hp
Output KW	18.7 kW	Voltage	460 V
Speed	3560 rpm	Service Factor	1
Frame	324TSCV	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	91 %
Ambient Temperature	-40 °C	Frequency	60 Hz
Current	28.5 A	Power Factor	89
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	312	Opp Drive End Bearing Size	311
UL	No	CSA	Y
CE	Y	IP Code	56
Number of Speeds	1	Hazardous Location	ATEX ZONE 2

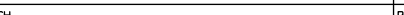
Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	.356 Ohms	Mounting	Rigid Base
Motor Orientation	Shaft Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	TS	Assembly/Box Mounting	W6
Outline Drawing	B-SS312011-1625	Connection Drawing	A-EE7300AP

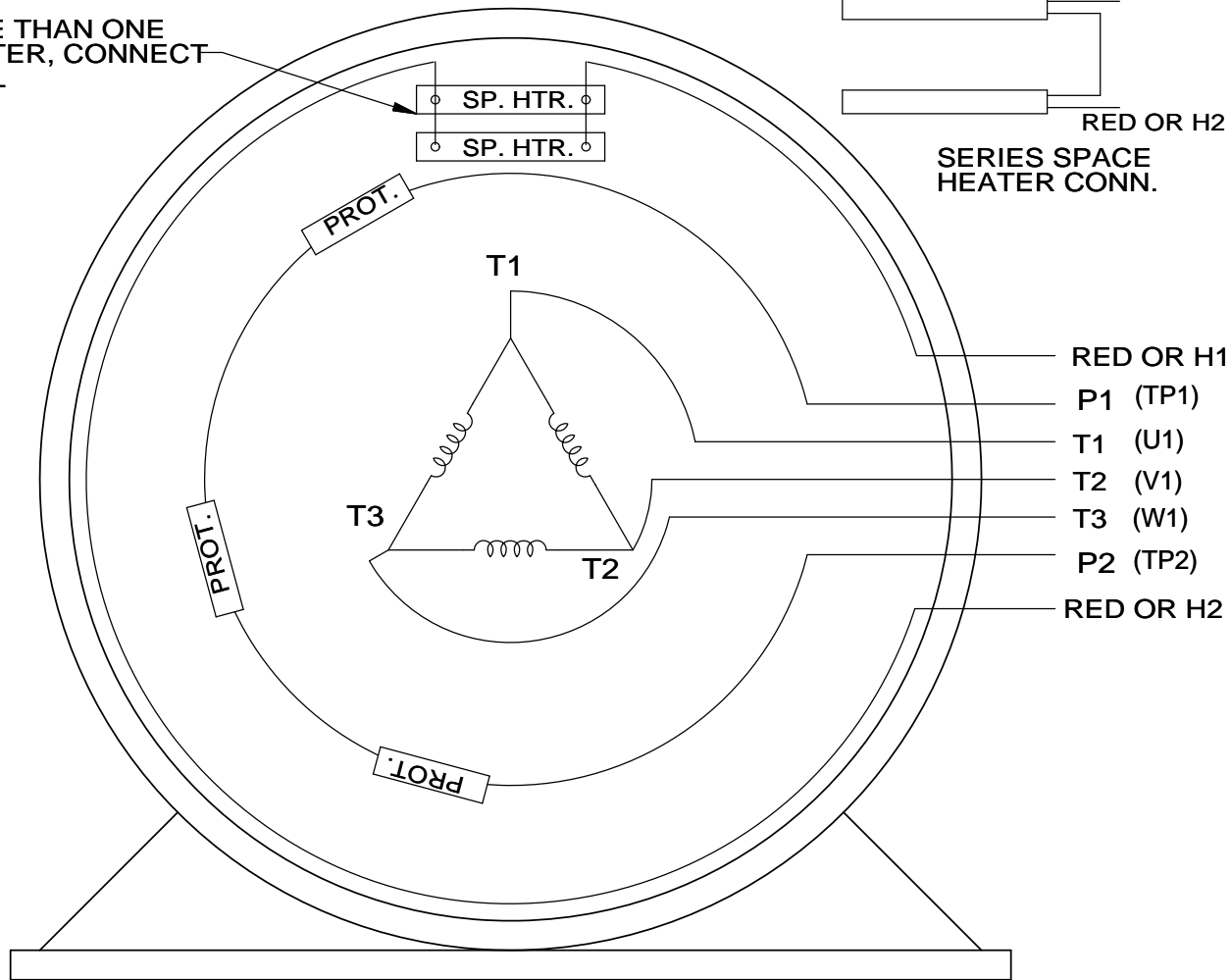
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1. BOX CAN ONLY BE ROTATED CLOCKWISE UP TO 270° FROM ITS ORIGINAL POSITION.
2. NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

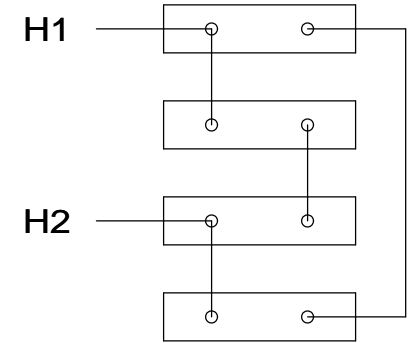
				TOLERANCES UNLESS SPECIFIED			DRAWN JJB 08-23-2007
				DEC. INCHES			CHK ML 08-23-2007
			.X ±.1				APPD SW 09-06-2007
			.XX ±.03				SCALE 1=5
			.XXX ±.005		TITLE OUTLINE - TEFC - TTFPA - AUX. C-BOX 320TSC FR. - BB - STD - 12.50 LAM		REF
1	REV. C'BOX HOLE SIZE FROM 2" NPT PER CN41860	RWR 05-13-2008	ML .XXXX ±.0005	MATL.			FMF MUB1088
NO.	REVISION	BY & DATE	CHK ANG ±7°30"	FINISH			PREV
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				DIST LB			

WHEN MORE THAN ONE
SPACE HEATER, CONNECT
IN PARALLEL

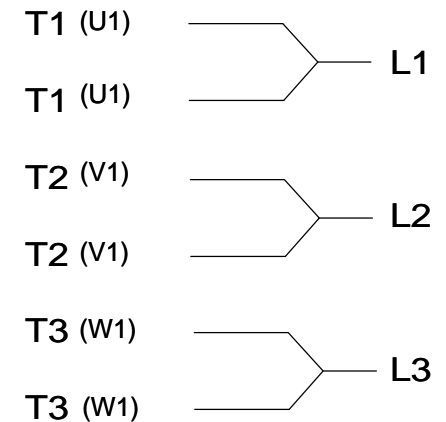


SERIES SPACE
HEATER CONN.

SPACE HEATERS
CONNECTED IN
SERIES PARALLEL



IF MOTOR OR GEN.
HAS 6 LEADS



NOTE:
THERMO-PROTECTORS
CONNECTED IN SERIES

VIEW OF TERMINAL END

DRAWING REVISION J	REVISION BY JHA	DATE 03-06-2017
ECO ECO-0119314	APPROVED BY DJK	DATE 03-06-2017

ECO DESCRIPTION

UPDATED TO SOLIDWORKS

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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] X 45° CORNER FILLETS: R.02 [.51] MACHINED SURFACES: 200 INCH 5.1/mm			
mm SHOWN IN [BRACKETS]			

DRAWN BY
KL

DATE
10-08-1993

APPROVED BY
TB

DATE
10-12-1993

REFERENCE

THIRD ANGLE
PROJECTION



Regal Beloit America, Inc.

DESCRIPTION

CONN DIAGRAM-EXTERNAL

3 PHASE - SINGLE VOLTAGE - WITH SPACE HEATERS

MATERIAL

PROCESS/FINISH

SIZE
A

DRAWING NUMBER

EE7300AP

SHEET
1 OF 1