

PRODUCT INFORMATION PACKET



Model No: 445TSTFN16517
Catalog No: 445TSTFN16517
150,3000,TEFC,445TSCV,3/50/400

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Nameplate Specifications

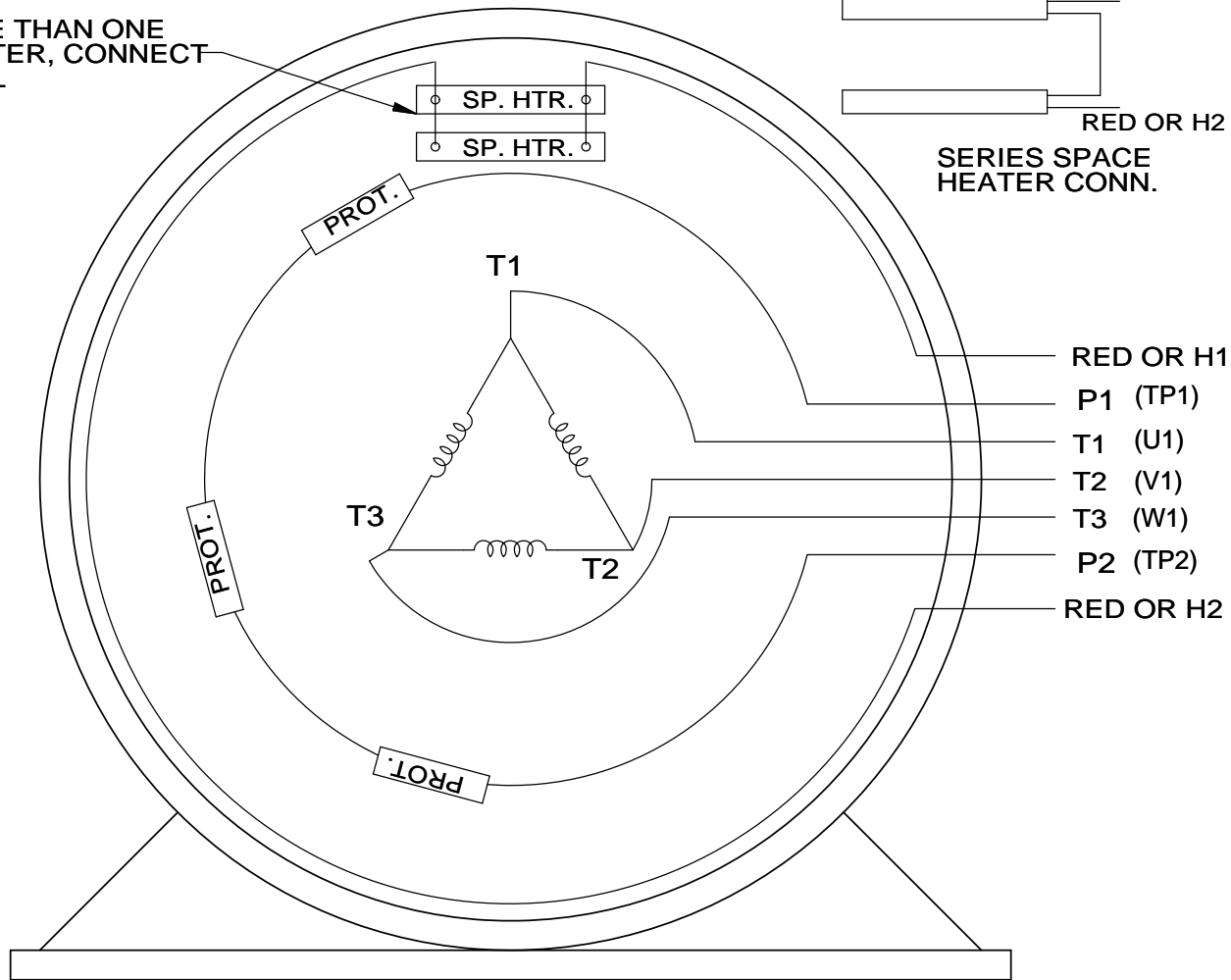
Phase	3	Output HP	150 Hp
Output KW	112.0 kW	Voltage	400 V
Speed	2975 rpm	Service Factor	1
Frame	445TSCV	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	95.4 %
Ambient Temperature	50 °C	Frequency	50 Hz
Current	192.0 A	Power Factor	88
Duty	Continuous (S1)	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6313	Opp Drive End Bearing Size	6313
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	.0135 Ohms	Mounting	Round
Motor Orientation	Shaft Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	TS	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	B-SS552658-2025	Connection Drawing	A-EE7300AP

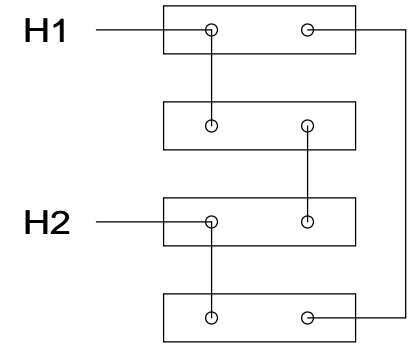
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WHEN MORE THAN ONE
SPACE HEATER, CONNECT
IN PARALLEL

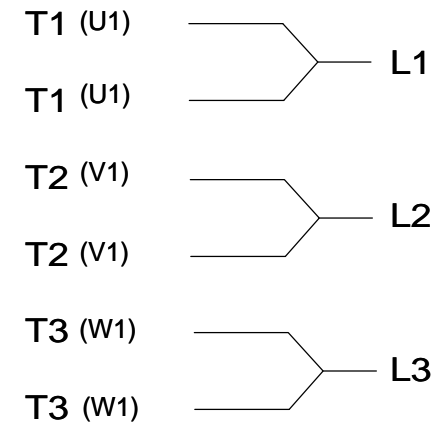


SERIES SPACE
HEATER CONN.

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		

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		PROCESS/FINISH	
SIZE A	DRAWING NUMBER EE7300AP	SHEET 1 OF 1	