

PRODUCT INFORMATION PACKET



Model No: 284THFNA19010
Catalog No: 284THFNA19010
25,3600,TEFC,284TC,3/60/460

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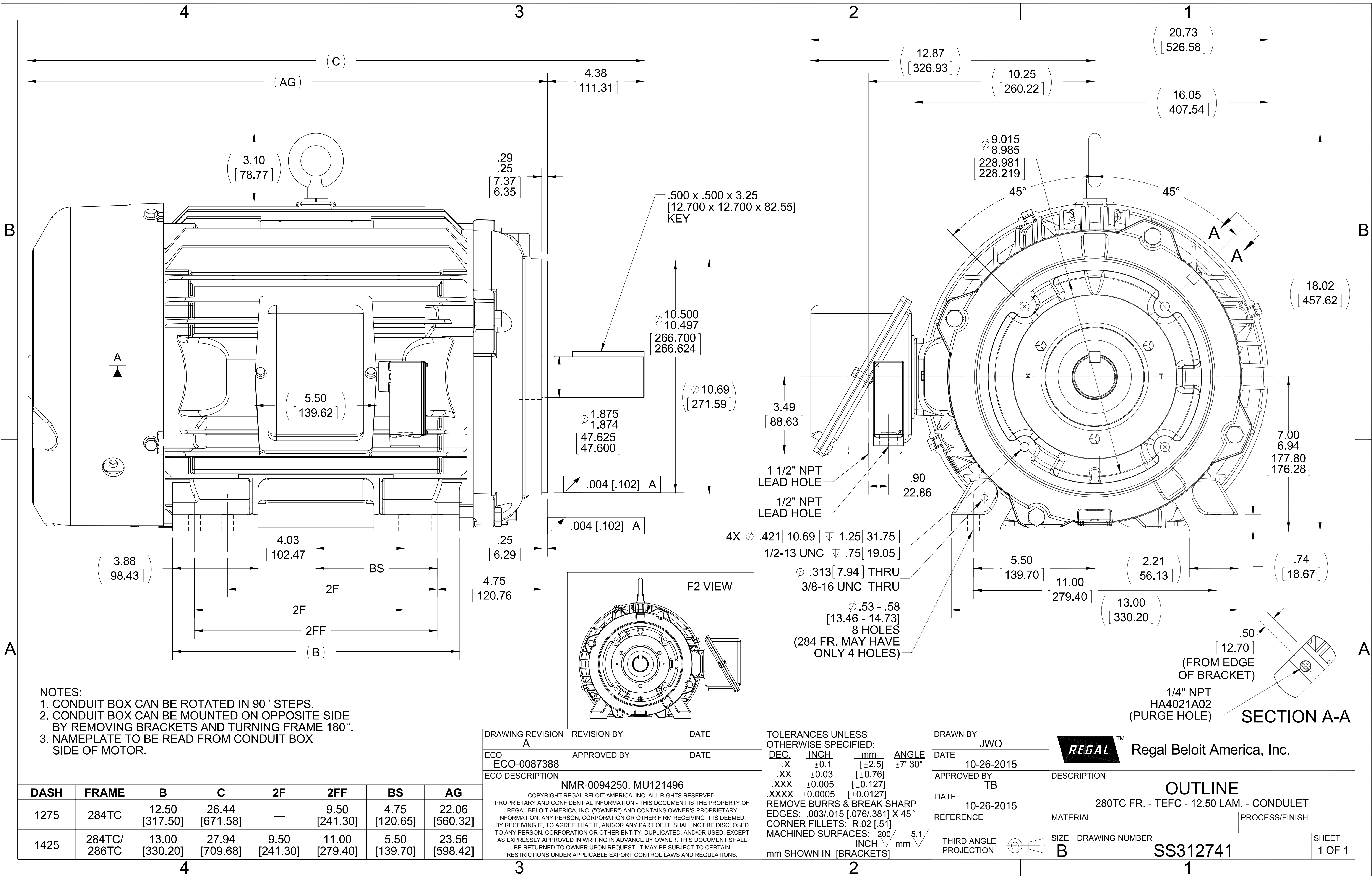
Nameplate Specifications

Phase	3	Output HP	25 Hp
Output KW	18.7 kW	Voltage	460 V
Speed	3560 rpm	Service Factor	1.15
Frame	284TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	93.6 %
Ambient Temperature	45 °C	Frequency	60 Hz
Current	28.0 A	Power Factor	88
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
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 Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	.316 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	F1/F2 CAPABLE
Outline Drawing	B-SS312741-1275	Connection Drawing	A-EE7300V

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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 TURNING FRAME 180°.
3. NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

DASH	FRAME	B	C	2F	2FF	BS	AG
1275	284TC	12.50 [317.50]	26.44 [671.58]	---	9.50 [241.30]	4.75 [120.65]	22.06 [560.32]
1425	284TC/ 286TC	13.00 [330.20]	27.94 [709.68]	9.50 [241.30]	11.00 [279.40]	5.50 [139.70]	23.56 [598.42]

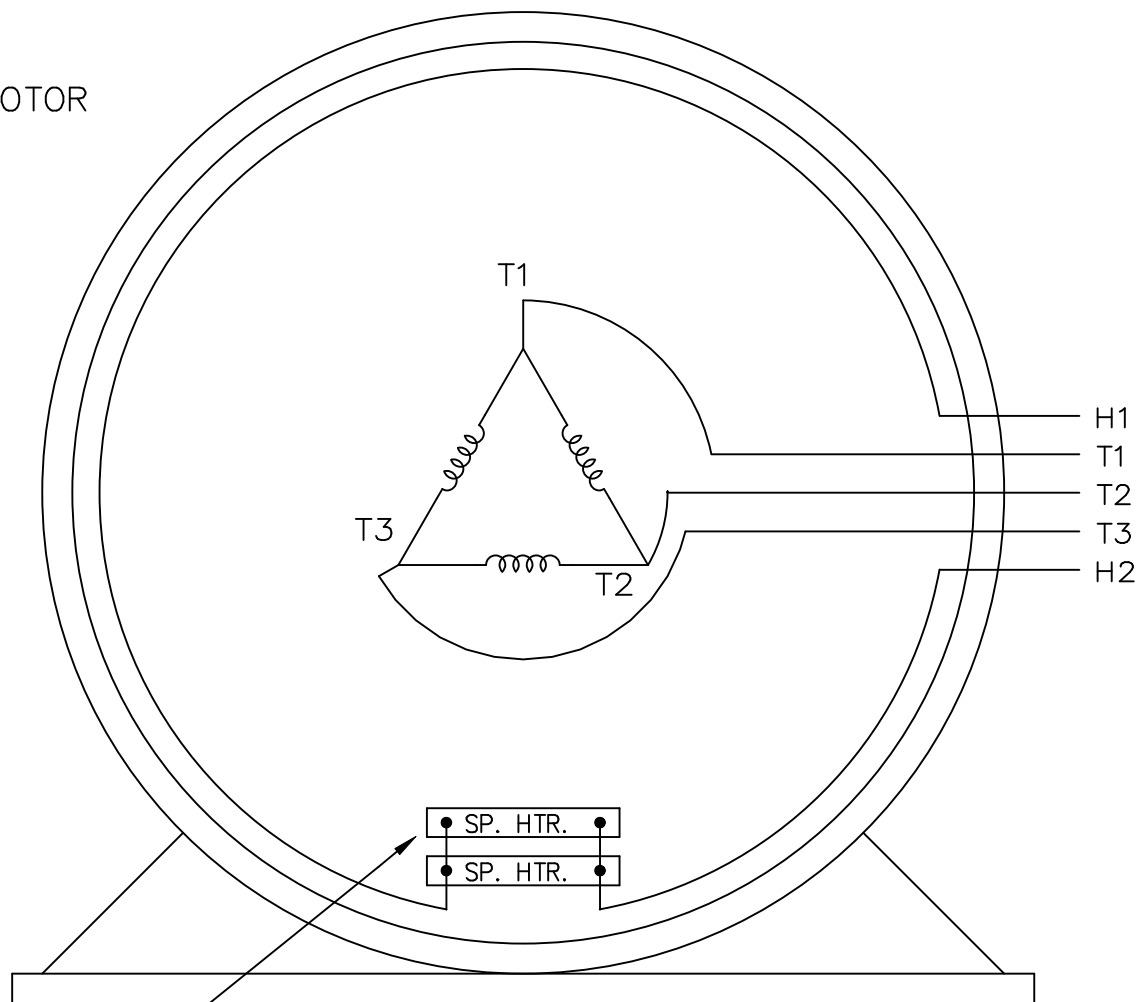
DRAWING REVISION A	REVISION BY	DATE
ECO ECO-0087388	APPROVED BY	DATE
ECO DESCRIPTION NMR-0094250, MU121496		
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TOLERANCES UNLESS OTHERWISE SPECIFIED:			
DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±7° 30"
.XX	±0.03	[±0.76]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	
REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [0.076/.381] X 45°			
CORNER FILLETS: R.02 [51]			
MACHINED SURFACES: 200 INCH mm			
mm SHOWN IN [BRACKETS]			

DRAWN BY JWO	DATE 10-26-2015
APPROVED BY TB	DATE 10-26-2015
REFERENCE	
THIRD ANGLE PROJECTION	

REGAL™ Regal Beloit America, Inc.	
DESCRIPTION 280TC FR. - TEFC - 12.50 LAM. - CONDULET	
MATERIAL	PROCESS/FINISH
SIZE B	DRAWING NUMBER SS312741
SHEET 1 OF 1	

SINGLE VOLTAGE THREE PHASE MOTOR

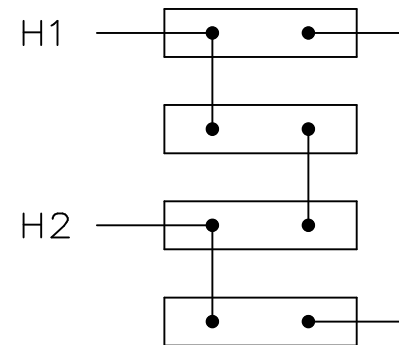


WHEN MORE THAN ONE
SPACE HEATER, CONNECT
IN PARALLEL

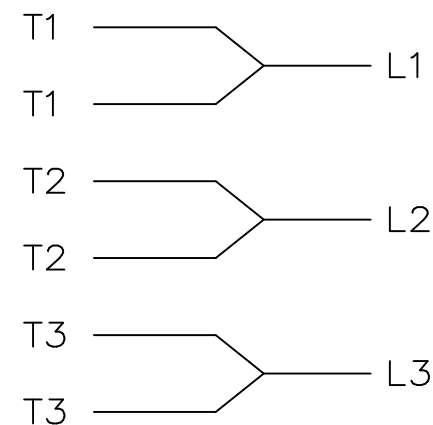
VIEW OF TERMINAL END

EE7300V-LN

SPACE HEATERS
CONNECTED IN
SERIES PARALLEL



IF MOTOR OR GEN.
HAS 6 LEADS



				TOLERANCES UNLESS SPECIFIED			DRAWN MSG 09-28-2004						
				DEC.	INCHES		CHK	ML	09-28-2004				
				.X	±.1		APPD	GK	09-28-2004				
				.XX	±.02		TITLE CONNECTION DIAGRAM 3Ø-SINGLE VOLTAGE-WITH SPACE HEATERS				SCALE	1=1	
				.XXX	±.005						REF		
				.XXXX	±.0005	MAT'L.				FMF			
NO.	REVISION		BY & DATE	CHK	ANG	± 7'30"	FINISH				PREV		
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