

PRODUCT INFORMATION PACKET

Model No: 286THFNA19050
Catalog No: 286THFNA19050
30,1800,TEFC,286T,3/60/460

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Nameplate Specifications

Output HP	30 Hp	Output KW	22.4 kW
Frequency	60 Hz	Voltage	460 V
Current	36.5 A	Speed	1773 rpm
Service Factor	1.15	Phase	3
Efficiency	94.1 %	Power Factor	82
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Frame	286TV	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	311	Opp Drive End Bearing Size	210
UL	Recognized	CSA	Y
CE	Y	IP Code	56
Hazardous Location	DIVISION 2	Number of Speeds	1

Technical Specifications


Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.205 Ohms	Mounting	Rigid Base
Motor Orientation	Shaft Up	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Assembly/Box Mounting	W8
Inverter Load	CONSTANT 10:1		
Outline Drawing	B-SS311057-1425	Connection Drawing	A-EE7300R


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DRAWING REVISION E	REVISION BY VS	REV DATE/© DATE 14th-June-2022
REQUEST NUMBER NMR-0214673	APPROVED BY VS	DATE 14th-June-2022
REQUEST NUMBER DESCRIPTION RIB PLUG ADDED		
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DRAWN BY		CAV
DATE		10-18-2000
APPROVED BY		BW
DATE		10-18-2000
REFERENCE		
THIRD ANGLE PROJECTION		

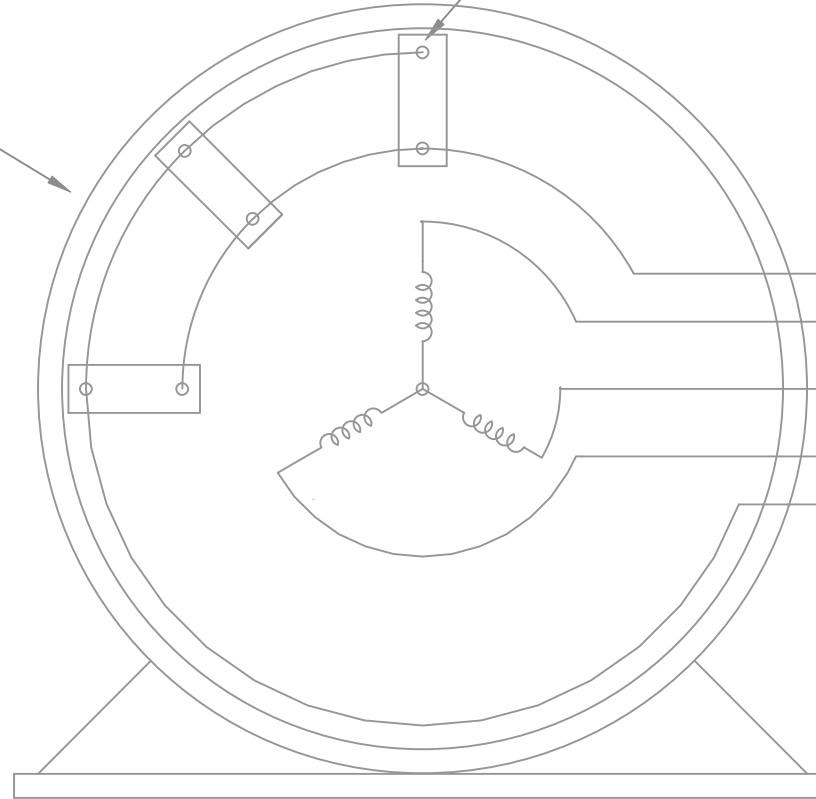
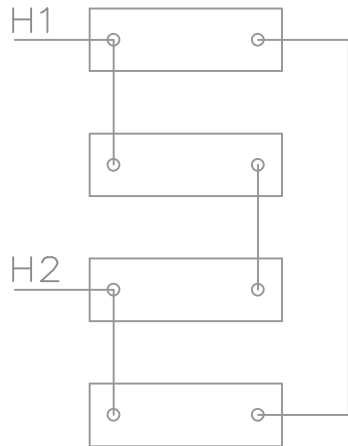
		Regal Beloit America, Inc.	
DESCRIPTION		OUTLINE 280T FR. - BB - STD 12.50 LAM	
MATERIAL		PROCESS/FINISH	
SIZE B	DRAWING NUMBER SS311057		SHEET 1 OF 1

SINGLE VOLTAGE THREE PHASE
MOTOR WITH 2 LEADS OUT FROM
SPACE HEATERS.

SPACE HEATER

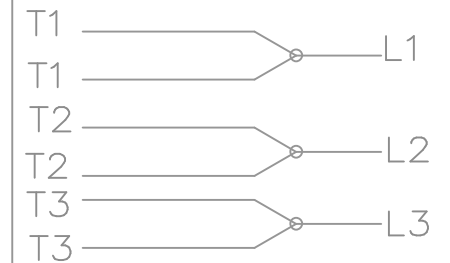
SPACE HEATERS
CONNECTED IN PARALLEL


SPACE HEATERS CONNECTED
IN SERIES PARALLEL



VIEW OF TERMINAL END

IF MOTOR HAS
6 LEADS



				TOLERANCES UNLESS SPECIFIED		REGAL-BELOIT 		DRAWN PGK 08-06-1996				
				DEC.	INCHES			CHK	ML	08-07-1996		
				.X	±.1			APPD	TB	08-07-1996		
				.XX	±.02			SCALE 1=1				
7	REVISED T1,T2,T3 PER MU65991	CTO 06-08-2005	DD	.XXX	±.005	TITLE CONNECTION DIAGRAM 3ø – SINGLE VOLTAGE				REF		
6	REDRAWN ON CAD CN 22509	PGK 08-07-1996		.XXXX	±.0005	MAT'L.				FMF		
NO.	REVISION	BY & DATE	CHK	ANG	±'30"	FINISH				PREV		
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