

# PRODUCT INFORMATION PACKET



Model No: 286TTFNA16841  
Catalog No: 286TTFNA16841  
30,1800,TEFC,286TDV,3/60/460

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**Nameplate Specifications**

Phase	3	Output HP	30 Hp
Output KW	22.4 kW	Voltage	460 V
Speed	1773 rpm	Service Factor	1
Frame	286TDV	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	93.6 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	36.5 A	Power Factor	82
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	54
Number of Speeds	1		

**Technical Specifications**

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	.205 Ohms	Mounting	Round
Motor Orientation	Shaft Up	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-SS311820H-1425	Connection Drawing	A-EE7300

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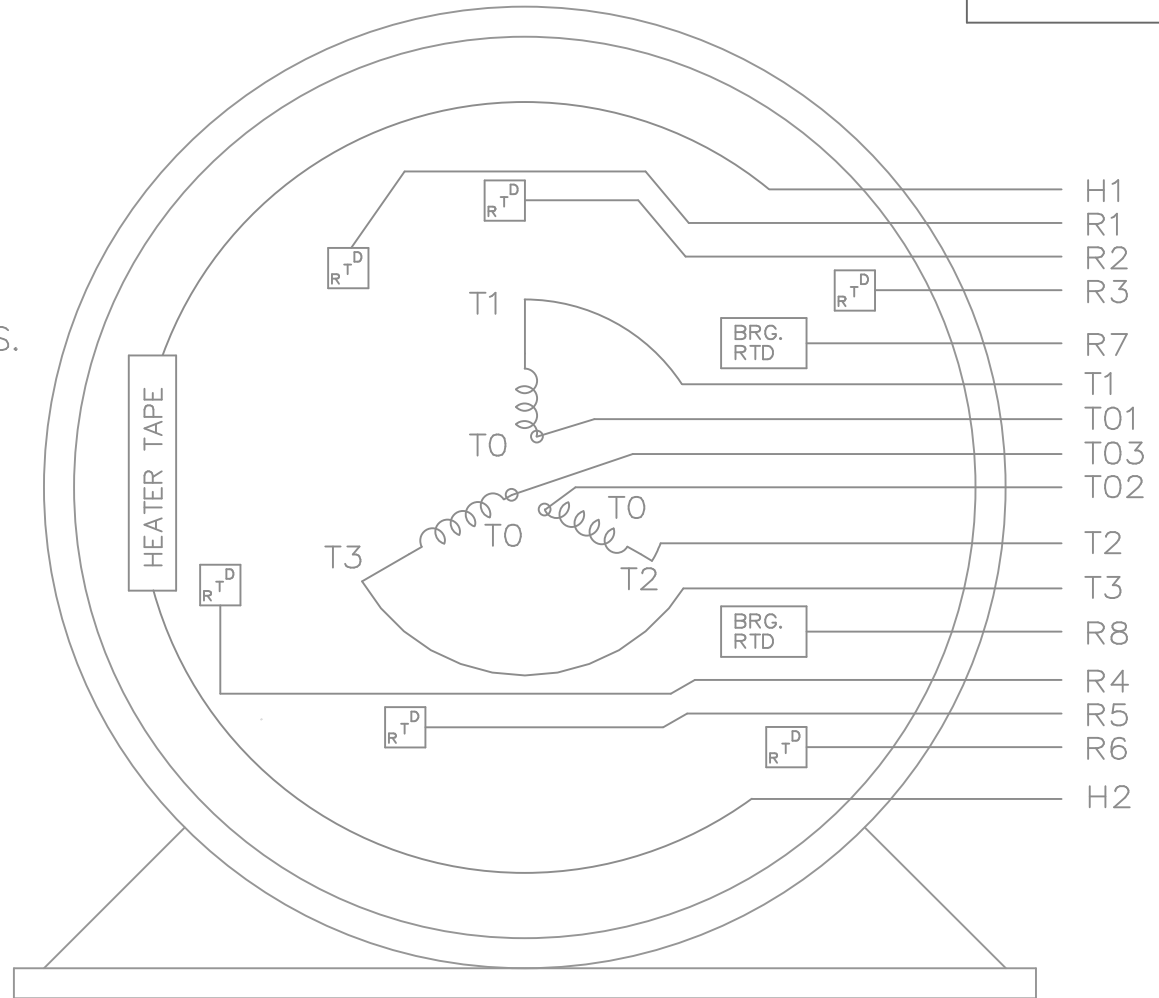
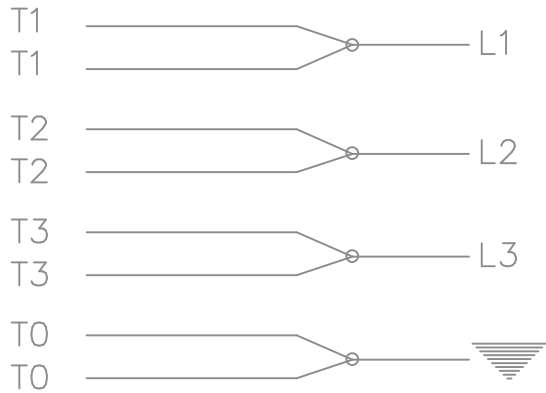


THREE PHASE – SINGLE VOLTAGE  
MOTOR OR INDUCTION GENERATOR  
WITH 6 STATOR RTD'S MARKED R1  
THRU R6, 2 BRG. RTD'S MARKED  
R7 AND R8, AND 2 HEATER LEADS  
MARKED H1 AND H2


NOTE:  
WHEN MORE THAN ONE HEATER IS USED  
HEATERS MUST BE CONNECTED IN SERIES.

TO REVERSE ROTATION:  
INTERCHANGE ANY TWO LINE  
LEAD CONNECTIONS

IF MOTOR HAS MULTIPLE  
T'S PER LEAD CONNECT  
TOGETHER LIKE T'S



VIEW OF TERMINAL END

				TOLERANCES UNLESS SPECIFIED				DRAWN KL 10-09-2001				
				DEC.	INCHES			CHK DJK 10-09-2001				
				.X	±.1			APPD EAB 10-09-2001				
				.XX	±.02			SCALE 1=1				
2	REDRAWN IN AUTOCAD	TAT 08-02-2004	ML	.XXX	±.005	TITLE CONNECTION DIAGRAM – EXTERNAL			REF			
1	NEW DRAWING MU38688	KL 10-09-2001		.XXXX	±.0005				MAT'L.			FMF
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH			PREV			
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