

PRODUCT INFORMATION PACKET



Model No: 286TTFNA16937
Catalog No: 286TTFNA16937
30,1800,TEFC,286TD,3/60/480

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Nameplate Specifications

Phase	3	Output HP	30 Hp
Output KW	22.4 kW	Voltage	480 V
Speed	1773 rpm	Service Factor	1.15
Frame	286TD	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	94.1 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	35.0 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 Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.205 Ohms	Mounting	Round
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-SS311820H-1425	Connection Drawing	A-EE7300

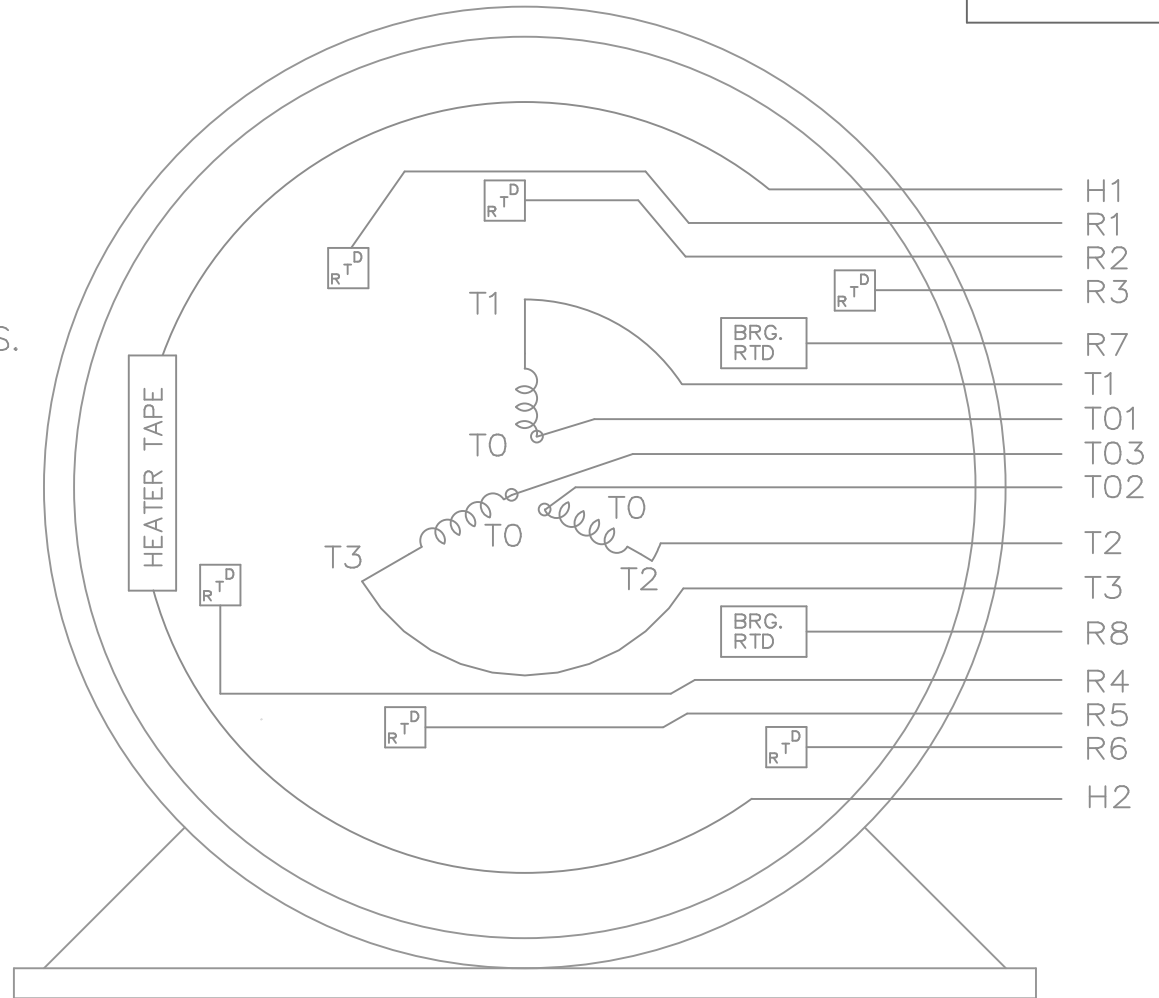
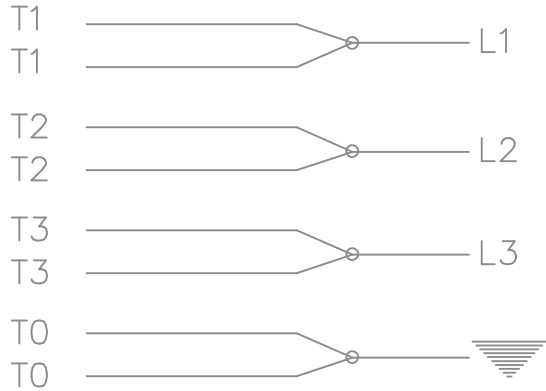
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THREE PHASE – SINGLE VOLTAGE
MOTOR OR INDUCTION GENERATOR
WITH 6 STATOR RTD'S MARKED R1
THRU R6, 2 BRG. RTD'S MARKED
R7 AND R8, AND 2 HEATER LEADS
MARKED H1 AND H2


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					
				.XXX	±.005		REF					
2	REDRAWN IN AUTOCAD	TAT 08-02-2004	ML	.XXX	±.005	TITLE CONNECTION DIAGRAM – EXTERNAL				FMF		
1	NEW DRAWING	MU38688	KL 10-09-2001		.XXXX	±.0005	MAT'L.				PREV	
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH				REV.		
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