PRODUCT INFORMATION PACKET

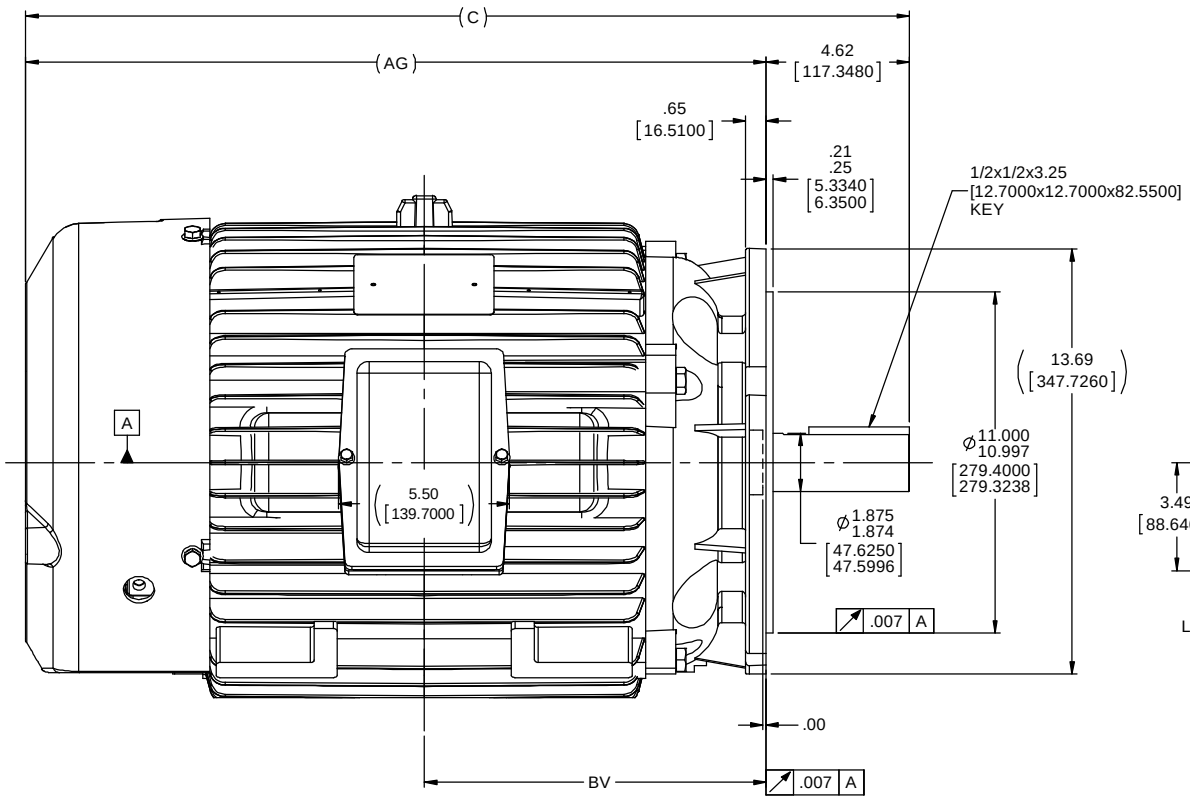
Model No: 286TTFNA16510
Catalog No: 286TTFNA16510
30,3600,TEFC,286TD,3/60/575

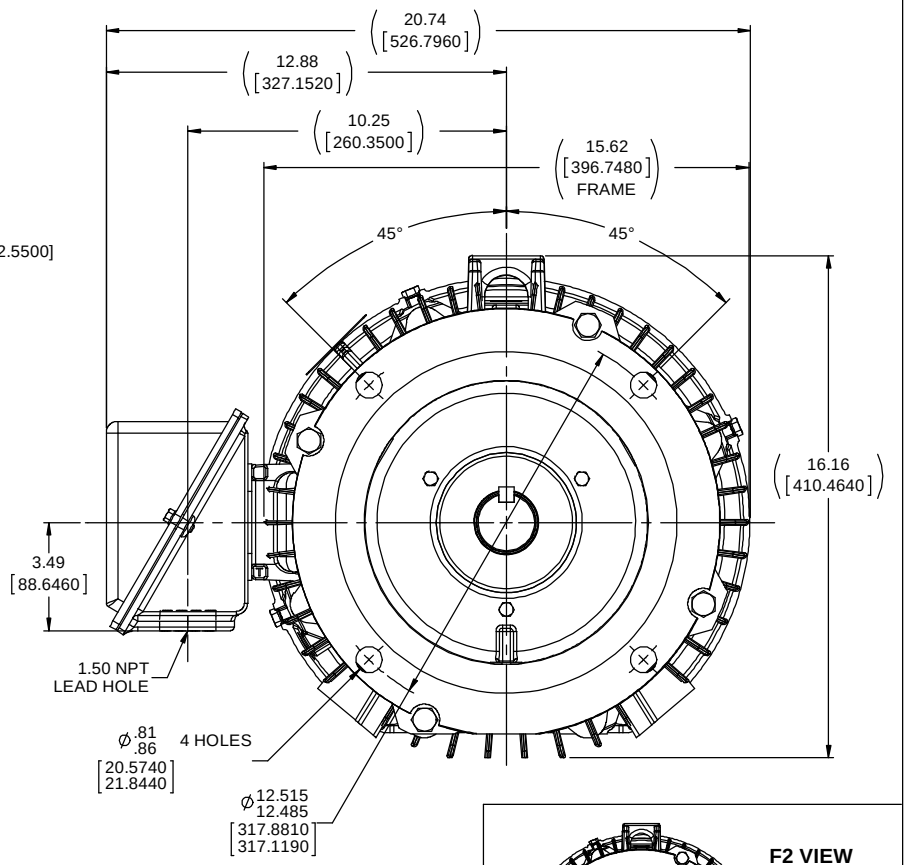
Nameplate Specifications

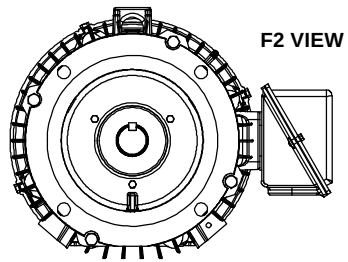
Phase	3	Output HP	30 Hp
Output KW	22.4 kW	Voltage	575 V
Speed	3555 rpm	Service Factor	1.15
Frame	286TD	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	93 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	26.8 A	Power Factor	89.5
Duty	Continuous	Insulation Class	F
Design 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	2	Rotation	Reversible
Resistance Main	.3 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-SS311820-1425	Connection Drawing	A-EE7300







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. NAMEPLATES TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.
4. DIMENSIONS IN [ ] ARE MILLIMETERS.

1425	286TD	28.46 [722.8840]	23.84 [605.5360]	11.00 [279.4000]
DASH	**FRAME**	**C**	**AG**	**BV**

NO	REVISION	BY & DATE	CHK

TOLERANCES UNLESS SPECIFIED
DEC INCHES
.X ±.1
.XX ±.03
.XXX ±.005
.XXXX ±.0005
ANG ±7'30"
FINISH

THIRD ANGLE PROJECTION

RFP 03-29-2012
NETWORK FILE NAME SS311820H
PREV

marathon electric

TITLE OUTLINE - TEFC - 'D' FLANGE
280TD FR. - IEC - 12.50 LAM.
MAT'L
SIZE B
DRAWING NO SS311820H
REV

DRAWN MSG 03-28-2012
CHK DJK 03-29-2012
APPR DR 03-29-2012
SCALE 1:4
REF
FMF MU106971
PAGE OF

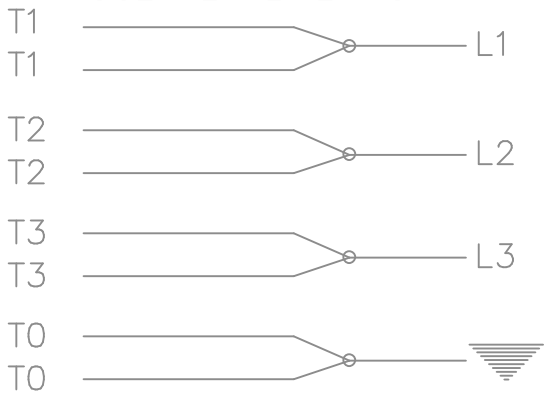
EE7300HU

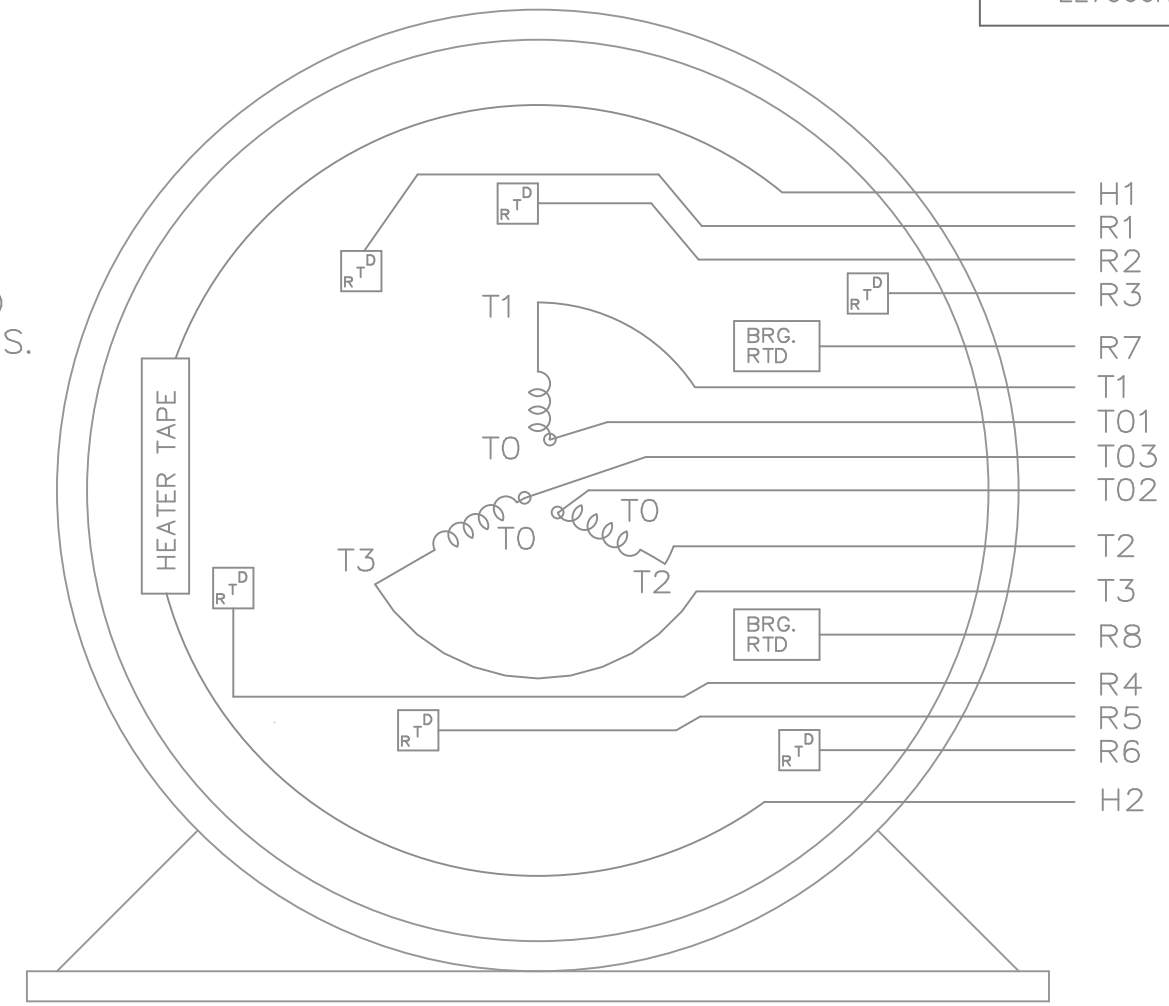
THREE PHASE – SINGLE VOLTAGE
MOTOR OR INDUCTION GENERATOR
WITH 6 STATOR RTD'S MARKED R1
THRU R6, 2 BRG. RTD'S MARKED
R7 AND R8, AND 2 HEATER LEADS
MARKED H1 AND H2

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

RFP	CAD FILE ee7300hu	SIZE	DRAWING NO. PAGE OF	REV.
DIST		A	EE7300HU	2

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