

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 444THFS9040
Catalog No: W607
125,1800,TEFC,444T,3/60/575
Severe Duty



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REGAL[®]



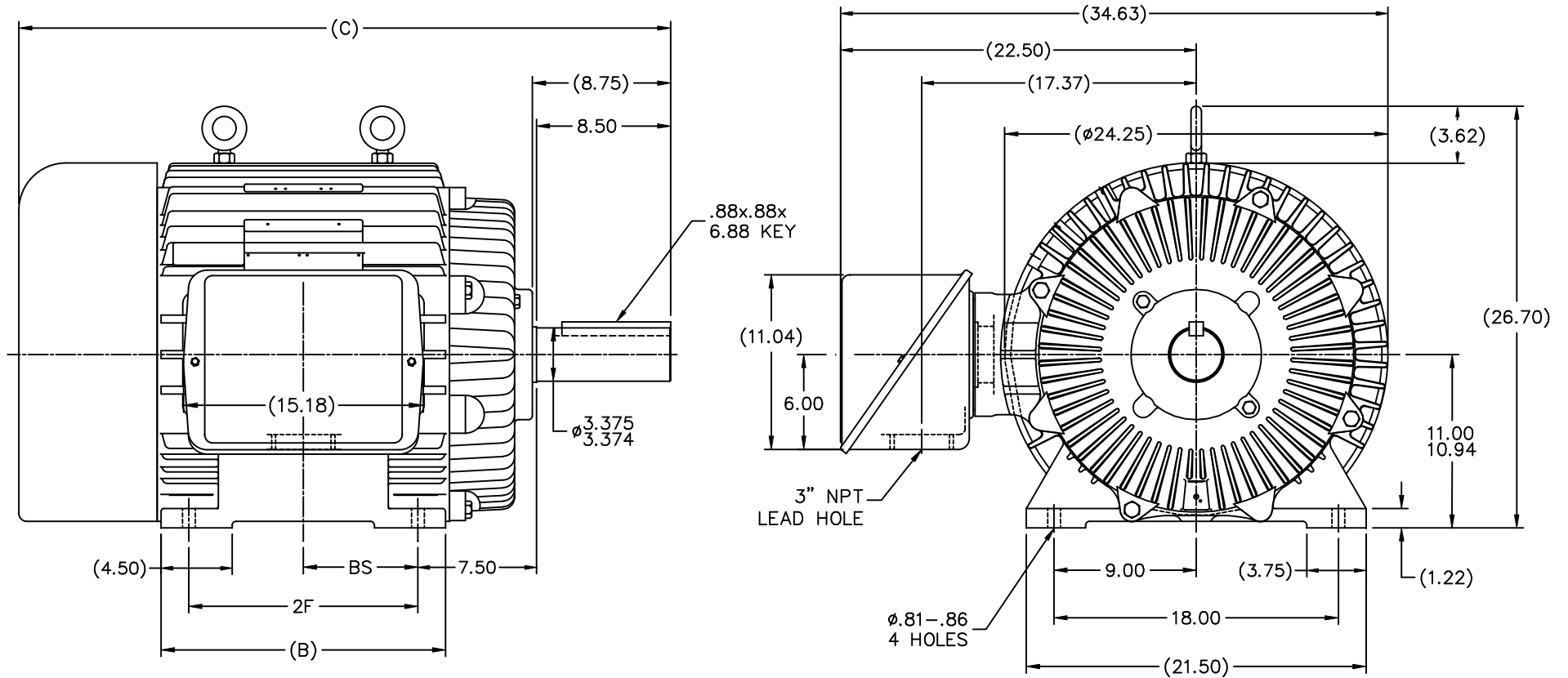
Nameplate Specifications

Output HP	125 Hp	Output KW	93.0 kW
Frequency	60 Hz	Voltage	575 V
Current	113.0 A	Speed	1780 rpm
Service Factor	1.15	Phase	3
Efficiency	95.4 %	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	G	Frame	444T
Enclosure	Totally Enclosed Fan Cooled	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6318
Opp Drive End Bearing Size	6316	UL	Recognized
CSA	Y	CE	Y
IP Code	56		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Mounting	Rigid base	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Cast Iron	Shaft Type	T
Overall Length	41.27 in	Frame Length	18.50 in
Shaft Diameter	3.375 in	Shaft Extension	8.5 in
Assembly/Box Mounting	F1/F2 Capable		
Outline Drawing	B-SS551837-1850	Connection Diagram	A-EE7300U

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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. NAMEPLATES TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

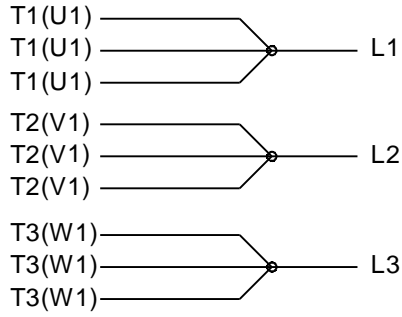
						TOLERANCES UNLESS SPECIFIED				DRAWN RJW 04-13-2006					
						DEC.	INCHES			CHK	ML 04-17-2006				
						.X	±.1	TITLE OUTLINE		APPD	TB 04-17-2006				
						.XX	±.03	440T FR. - TEFC - TFS - OVERSIZE C'BOX		SCALE	5-32				
						.XXX	±.005	FINISH		REF					
						.XXXX	±.0005	MATL		FMF	CH40156				
						NO.	REVISION	BY & DATE		PREV					
						THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT									
DASH	FRAME	B	C	2F	BS	CHK	ANG	±7'30"	CAD FILE SS551837		SIZE	DRAWING NO.	PAGE	OF	REV.
1850	444T	18.00	41.25	14.50	7.25	RFP	04-17-2006				B	SS551837			
2050	445T	20.00	43.25	16.50	8.25	DIST	WA								

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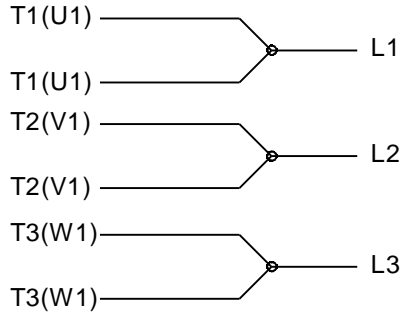
STACK:

245 /ocircumflex
244 /oacute
243 /ograve
242 /ntilde
241 /eth
240 /idieresis
239 /icircumflex
238 /iacute
237 /igrave
236 /edieresis
235 /ecircumflex
234 /eacute
233 /egrave
232 /ccedilla
231 /ae
230 /aring
229 /adieresis
228 /atilde
227 /acircumflex
226 /aacute
225 /agrave
224 /germandbls
223 /Thorn
222 /Yacute
221 /Udieresis
220 /Ucircumflex
219 /Uacute
218 /Ugrave
217 /Oslash
216 /multiply
215 /Odieresis
214 /Otilde
213 /Ocircumflex
212 /Oacute

IF MOTOR HAS 9 LEADS

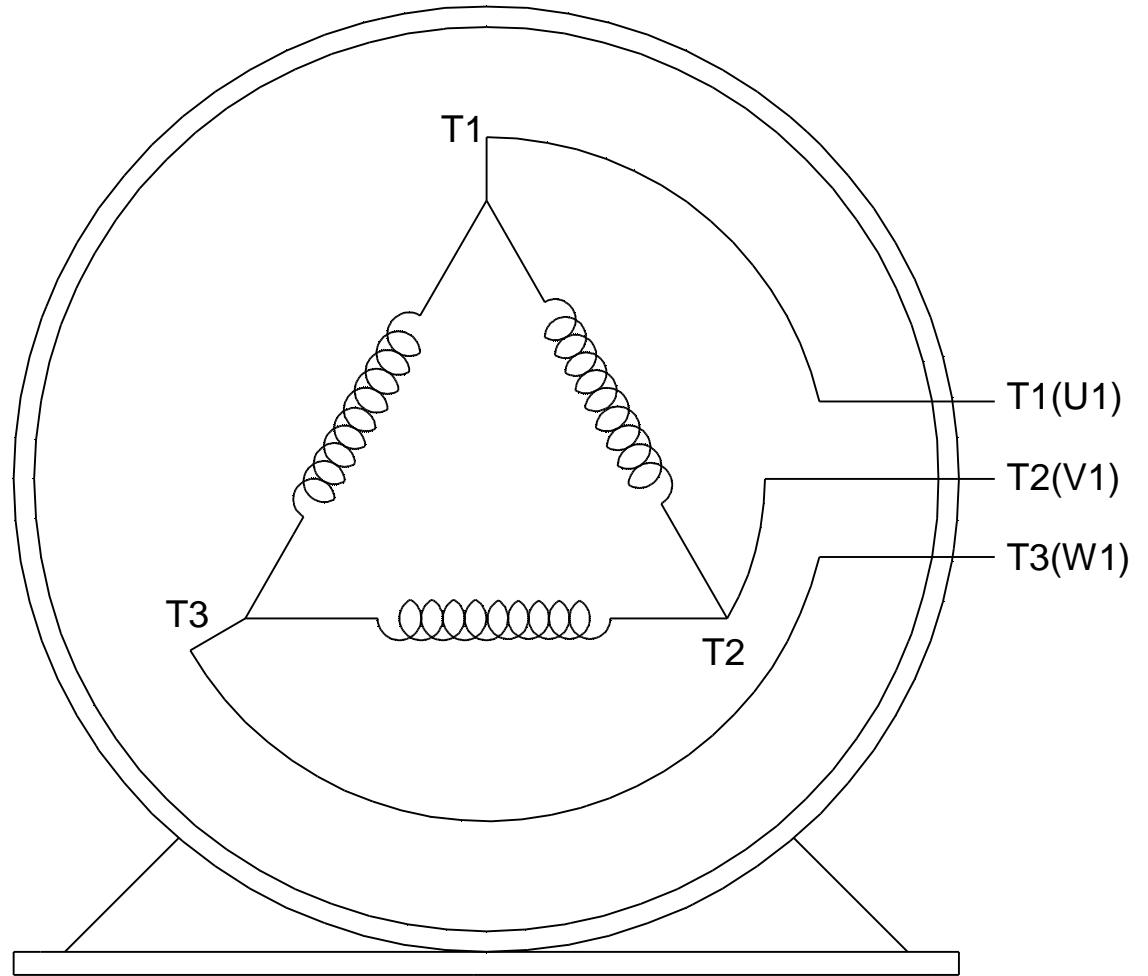
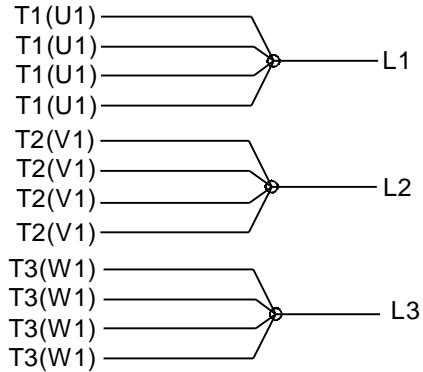


IF MOTOR HAS 6 LEADS



A-9806 DECAL IF CALLED FOR

IF MOTOR HAS 12 LEADS



VIEW OF TERMINAL END

DRAWING REVISION L	REVISION BY AJW	DATE 05-04-2015	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DRAWN BY DRS	Regal Beloit America, Inc.																					
ECO ECO-0077067	APPROVED BY EWH	DATE 05-05-2015	<table style="font-size: small; border-collapse: collapse;"> <tr> <td><u>DEC.</u></td> <td><u>INCH</u></td> <td><u>mm</u></td> <td><u>ANGLE</u></td> </tr> <tr> <td>.X</td> <td>±0.1</td> <td>[±2.5]</td> <td>±7° 30"</td> </tr> <tr> <td>.XX</td> <td>±0.02</td> <td>[±0.51]</td> <td></td> </tr> <tr> <td>.XXX</td> <td>±0.005</td> <td>[±0.127]</td> <td></td> </tr> <tr> <td>.XXXX</td> <td>±0.0005</td> <td>[±0.0127]</td> <td></td> </tr> </table>	<u>DEC.</u>			<u>INCH</u>	<u>mm</u>	<u>ANGLE</u>	.X	±0.1	[±2.5]	±7° 30"	.XX	±0.02	[±0.51]		.XXX	±0.005	[±0.127]		.XXXX	±0.0005	[±0.0127]		DATE 09-27-1996
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.XXXX	±0.0005	[±0.0127]																								
ECO DESCRIPTION UPDATED TO SOLIDWORKS			REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.076/.381] X 45° CORNER FILLETS: R.02 [.51] MACHINED SURFACES: 200 INCH √ 5.1 mm √	APPROVED BY GK	MATERIAL	PROCESS/FINISH																				
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			THIRD ANGLE PROJECTION	REFERENCE																						