

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 160LTFC4538

Catalog No: R337

Cast Iron Motor, 20 & 20 HP, 3 Ph, 60 & 50 Hz, 230/460 & 200/400 V, 1800 & 1500 RPM, 160L Frame,
TEFC



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RegalRexnord

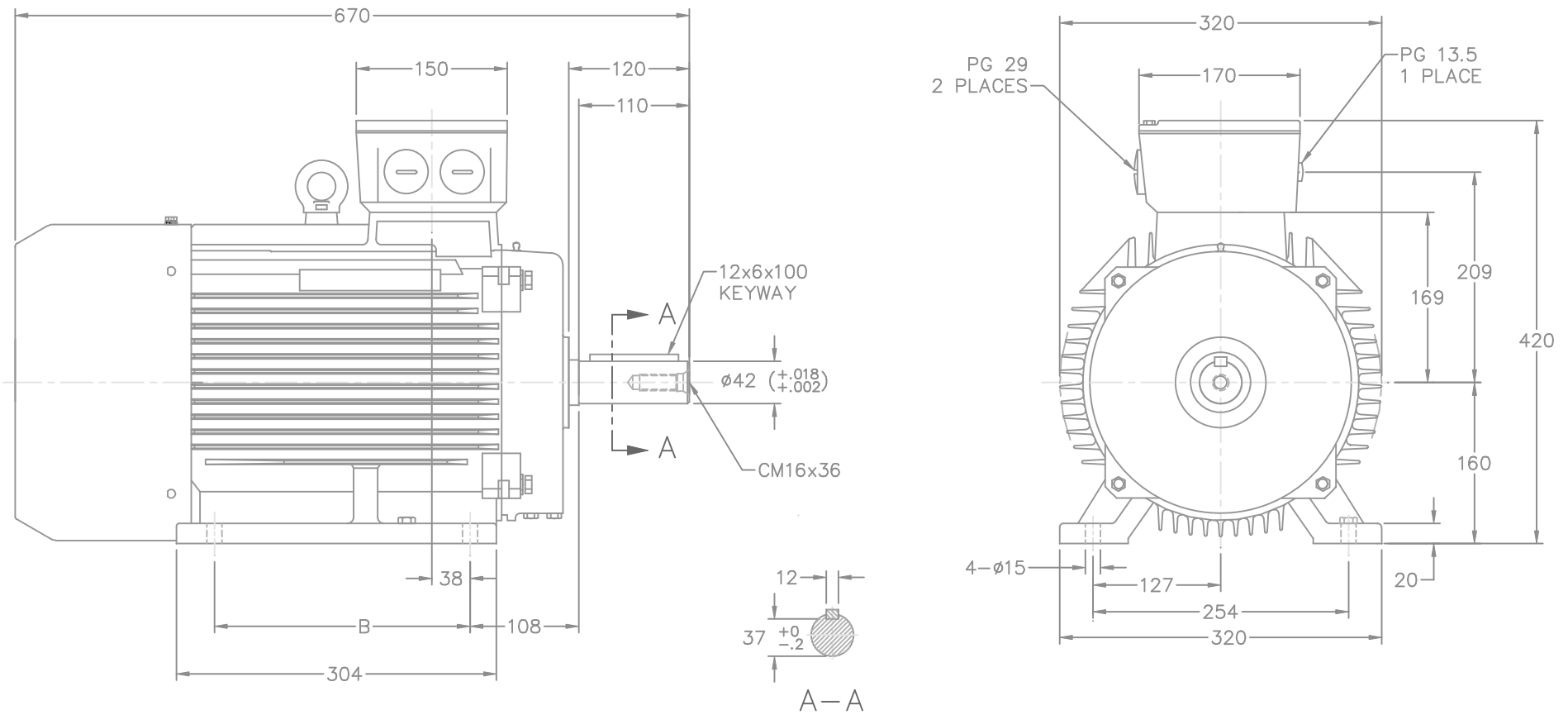
Nameplate Specifications

Phase	3	Output HP	20 & 20 Hp
Output KW	14.9 & 14.9 kW	Voltage	230/460 & 200/400 V
Speed	1770 & 1465 rpm	Service Factor	1.15 & 1.15
Frame	160L	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	91 & 90.2 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	48/24 & 55.5/27.7 A	Power Factor	85.4
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	J
Drive End Bearing Size	NONE	Opp Drive End Bearing Size	NONE
UL	No	CSA	Y
CE	Y	IP Code	55
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Part Wdg Start & Wye Start Delta Run Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.375 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal Or Shaft Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	IEC	Assembly/Box Mounting	F3
Connection Drawing	EE7308AA	Outline Drawing	SS620001

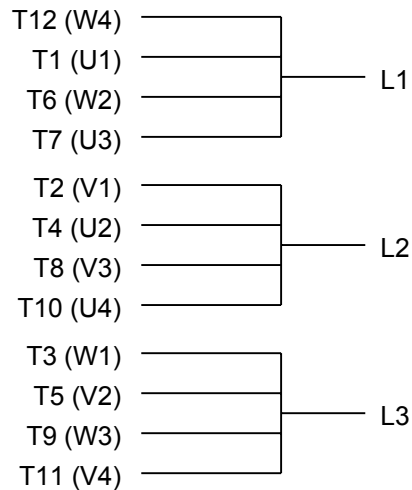
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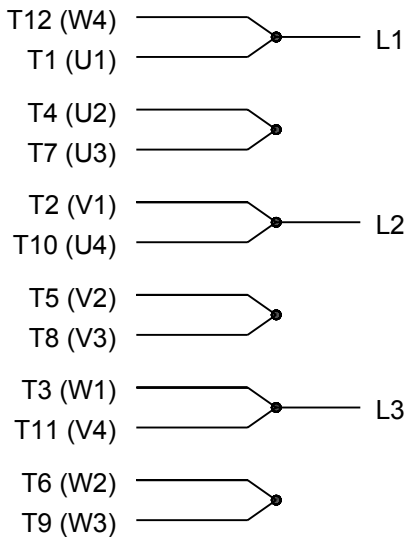
ALL DIMENSIONS TO BE REF.
DIMENSION.

FRAME	B	
160M	210	
160L	254	

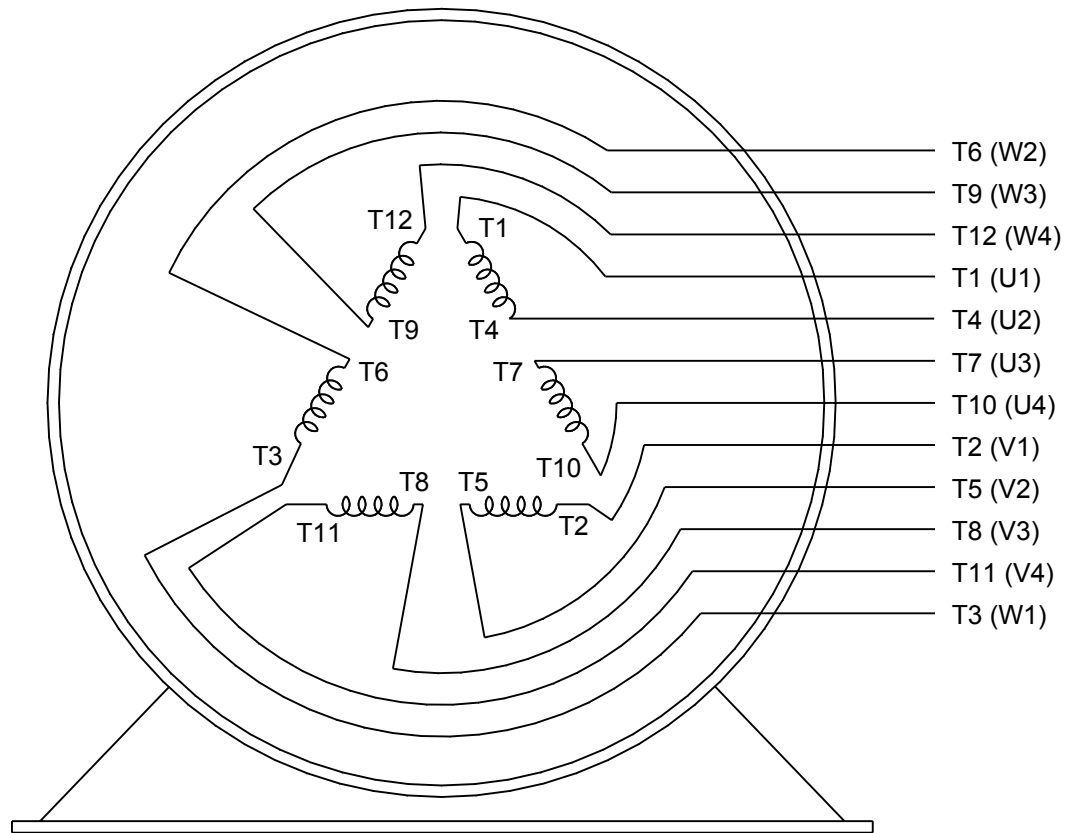
			TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC	DRAWN CTO 10-01-2004			
			DEC.	METRIC		CHK	ML	10-04-2004	
			.X	± 2.5					
			.XX	$\pm .76$					
			.XXX	$\pm .127$					
			.XXXX	$\pm .0127$					
NO.	REVISION	BY & DATE	CHK	ANG	$\pm 7'30"$	FINISH	PREV		
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						DIST WA			PAGE OF REV.



LOW VOLTAGE



HIGH VOLTAGE



VIEW OF TERMINAL END

DRAWING REVISION K	REVISION BY AJW	DATE 07-17-2015
ECO ECO-0081632	APPROVED BY T. VUE	DATE 07-17-2015
ECO DESCRIPTION REV'D IEC MARKINGS PER IEC 60034-8		
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DRAWN BY LZ	THIRD ANGLE PROJECTION
DATE 01-12-1994	
APPROVED BY GK	
DATE 01-14-1994	
REFERENCE	

 Regal Beloit America, Inc.		
DESCRIPTION CONN DIAGRAM-EXTERNAL 3Ø-2/1 DELTA-12 LEADS		
MATERIAL	PROCESS/FINISH	
SIZE A	DRAWING NUMBER EE7308AA	SHEET 1 OF 1