

PRODUCT INFORMATION PACKET



Model No: LM33484

Catalog No: LM33484

General Purpose Motor, 5 & 5 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 & 1500 RPM,
184TC Frame, TEFC



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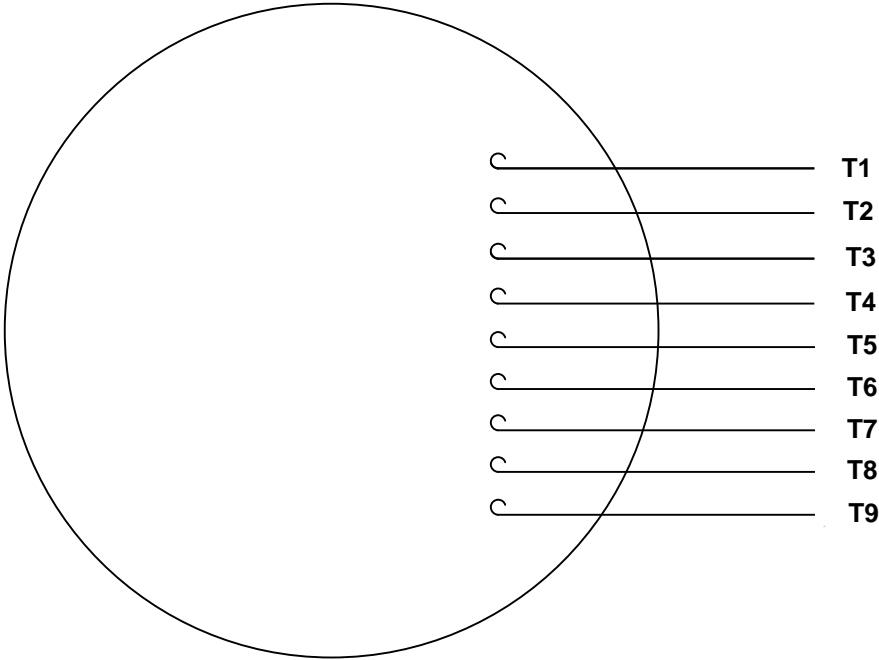
Nameplate Specifications

Phase	3	Output HP	5 & 5 Hp
Output KW	3.7 & 3.7 kW	Voltage	230/460 & 190/380 V
Speed	1760 & 1450 r/min	Service Factor	1.25 & 1.0
Frame	184TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	89.5 & 87.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	12.6/6.3 & 15.2/7.6 A	Power Factor	83
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	J
Drive End Bearing Size	6206	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

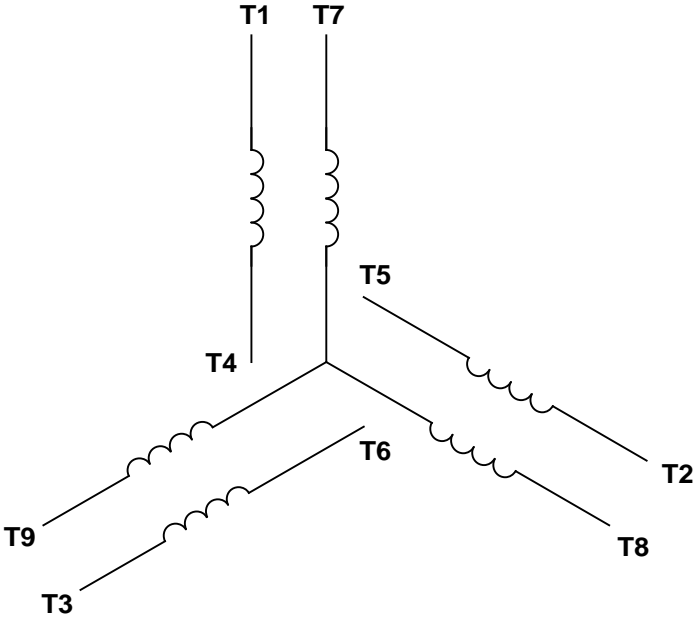
Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	2.68 O	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Aluminum
Shaft Type	T	Overall Length	14.97 in
Frame Length	9.50 in	Shaft Diameter	1.125 in
Shaft Extension	2.75 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	036116LN-950	Connection Drawing	005010.01LN

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.




LINE LEADS



VOLTAGE	L1	L2	L3	JOIN & INSULATE
HIGH	T1	T2	T3	(T4,T7) (T5,T8) (T6,T9)
LOW	T1,T7	T2,T8	T3,T9	T4,T5,T6

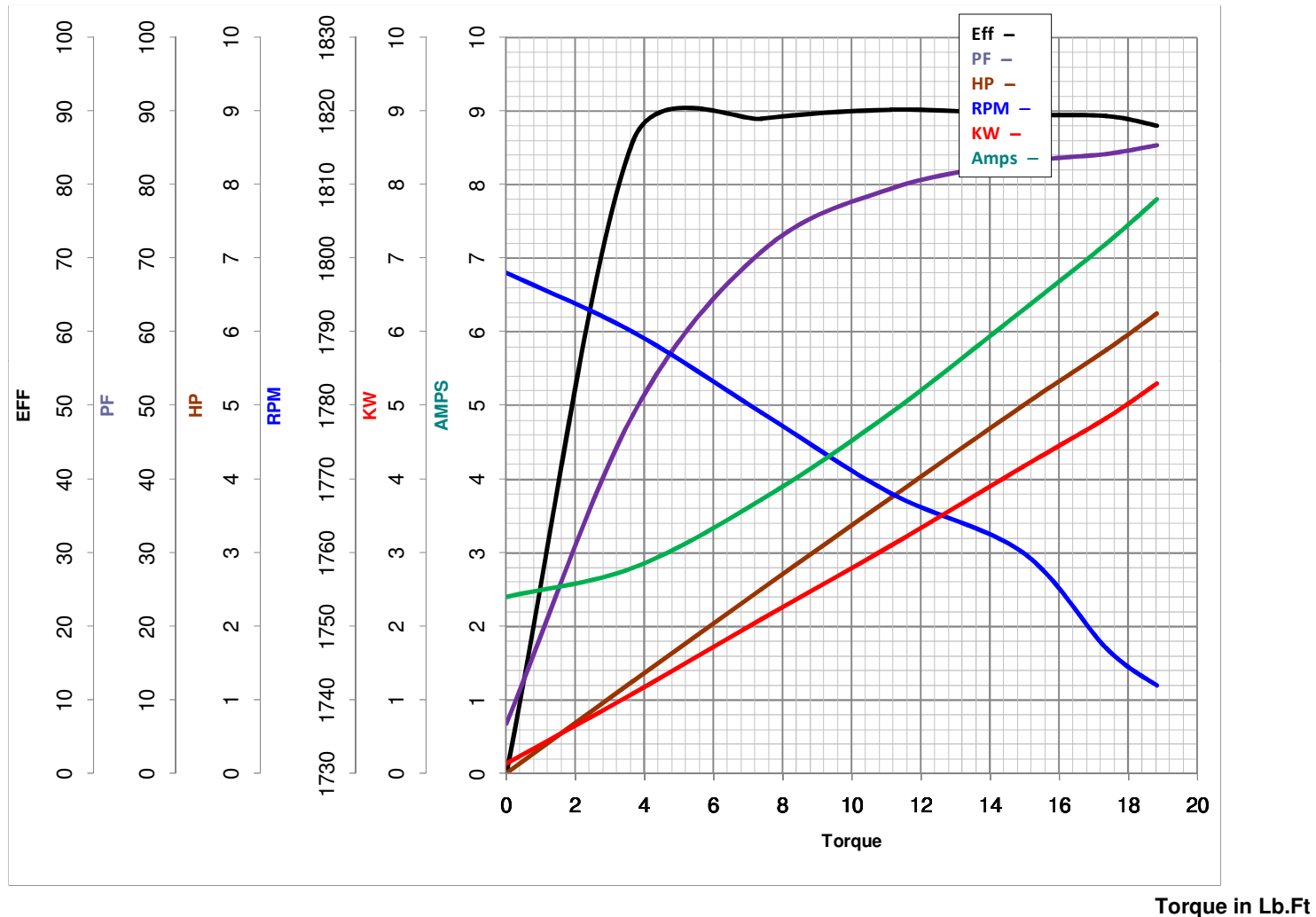
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				TOLERANCES UNLESS SPECIFIED			DRAWN KMM 04/16/02	
				DEC	INCHES		CHK	
				.X	±.1		APPR	
				.XX	±.01		SCALE 1:1	
				.XXX	±.005		REF FIG. 2-51	
--	REDRAWN IN SOLIDWORKS	VJB 02/08/11		.XXXX	±.0005	TITLE EXTERNAL WIRING DIAGRAM 3 PHASE W/O PROTECTOR	MAT'L DECAL - 004014	
NO	REVISION	BY & DATE	CHK	ANG	±1/2°	FINISH	PAGE OF	
THIRD ANGLE PROJECTION			RFP	04/12/02	PREV	SIZE	DRAWING NO	
			NETWORK FILE NAME 00501001LN			A	005010-01LN	
							REV	
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Model No LM33484Catalog No LM33484AA

LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Curve at 460
60
5Volts
HZ
HPHP 5&5PHASE 3VOLTS 230/460&190/380HZ 60&50RPM 1760&1450

FL TORQUE 14.96 Lb.Ft
 BD TORQUE 50.2 Lb.Ft
 LR TORQUE 30.1 Lb.Ft

WINDING T84170-3

FL AMPS 12.6/6.3
 PU TORQUE 29.8 Lb.Ft
 LR AMPS 49

Date 6/5/2018

EC Declaration of Conformity

The undersigned representing
the manufacturer:

Regal Beloit America
100 East Randolph St.
Wausau, WI 54401

and the authorized representative
established within the Community:

Marathon Electric UK
6F Thistleton Road Ind. Estate
Market Overton
Oakham, Rutland LE15 7PP UK

are committed to providing customers with products that comply with applicable regulations and international protocols to which they are subject, including the requirements of the European Parliament Directive on the Harmonization of the laws relating to electrical equipment designed for use within certain voltage limits (2014/35/EU).

Regal Beloit America declares that the following product(s), to which this declaration relates, are in conformity with the relevant sections of the EC standards listed below.

This statement supersedes any statements previously issued pertaining to the product(s) listed below and is subject to change without notice.

Model No : LM33484

(Model No. may contain prefix and/or suffix characters)

Catalog No : LM33484

Rework No : N/A

Directives :

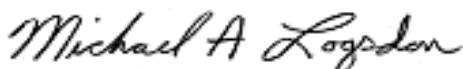
Low Voltage Directive 2014/35/EU

Harmonized Standards Used :

EN 60034-1: 2010 (IEC 60034-1: 2010)


EN 60034-5: 2001/A1:2007 (IEC 60034-5: 2000/A1:2006)

Authorized Representative:



Michael A. Logsdon
Vice President, Technology

Authorized Representative in the Community:



Julian Clark
Marketing Engineer

Created on 09/01/2022

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