

PRODUCT INFORMATION PACKET



Model No: LM33563
Catalog No: LM33563
General Purpose Motor, 2 & 2 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380-415 V, 1200 & 1000 RPM,
184T Frame, TEFC



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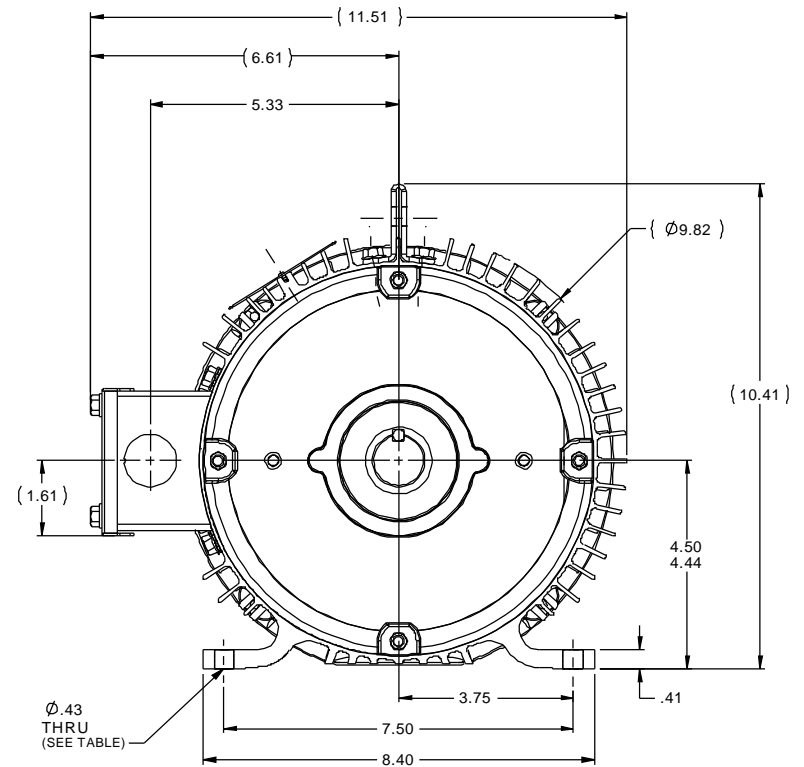
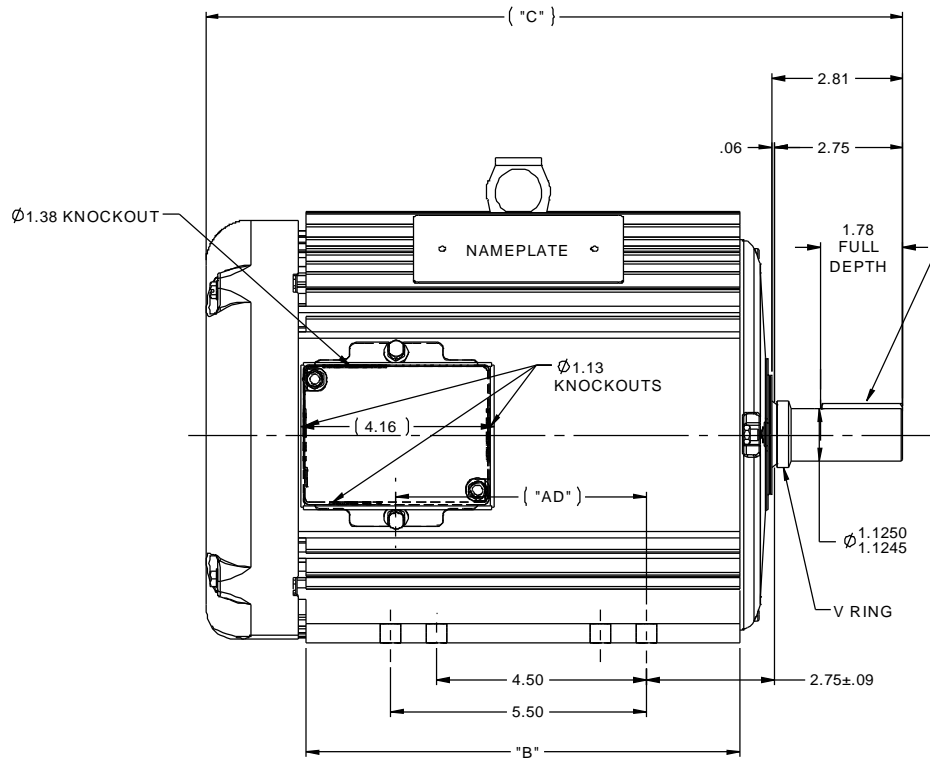


Nameplate Specifications

Phase	3	Output HP	2 & 2 Hp
Output KW	1.5 & 1.5 kW	Voltage	230/460 & 190/380-415 V
Speed	1175 & 970 rpm	Service Factor	1.25 & 1.15
Frame	184T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	88.5 & 87.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	6.4/3.2 & 7.4/3.7-3.7 A	Power Factor	66.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	K
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	6	Rotation	Reversible
Resistance Main	5.4 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Aluminum
Shaft Type	T	Overall Length	14.96 in
Frame Length	9.50 in	Shaft Diameter	1.125 in
Shaft Extension	2.75 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	EE7308	Outline Drawing	035972LN-950



DASH NO.	"C"	"AD"	"B"	FOOT HOLES
950	14.96	5.37	9.30	8

TOLERANCES UNLESS SPECIFIED		Lincoln WORKS	DRAWN JD 03/20/2013
DEC	INCHES		
X	±.1	TITLE 182/184T - RIGID T.E.F.C 180 AL FRAME	CHK
XX	±.03		APPR
XXX	±.005		SCALE 3:8
XXXX	±.0005		REF 035827LN
NO	REVISION	MAT'L	FMF
	BY & DATE	FINISH	PAGE OF
	CHK LANG ±7'30"	PREV	REV
THIRD ANGLE PROJECTION		NETWORK FILE NAME 035972LN	SIZE B
		DRAWING NO 035972LN	REV



NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED		FINISH	DRAWN RM 11/20/1990				
					DEC.	INCHES						
5	CHG TO REGAL LOGO	SL 09/10/2015	AB					CHK ML 11/21/1990				
4	REVISED IEC NOTATIONS	MSG 11/15/2011	CMN	.X	±.1			APPD SAS 04/24/2003				
3	ADDED IEC NOTATIONS... (U1), (V1) ETC. MU95194	MSG 5/10/2010	MJS	.XX	±.02		TITLE CONNECTION DIAGRAM	SCALE 1=1				
2	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS	.XXX	±.005		3Ø - DUAL VOLTAGE MOTOR	REF				
1	REDRAWN	RM 11/20/1990		.XXXX	±.0005		MAT'L.	FMF				
					±7'30"			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							RFP	CAD FILE ee7308	SIZE A	DRAWING NO. EE7308	PAGE OF 5	REV. 5
							DIST WP					



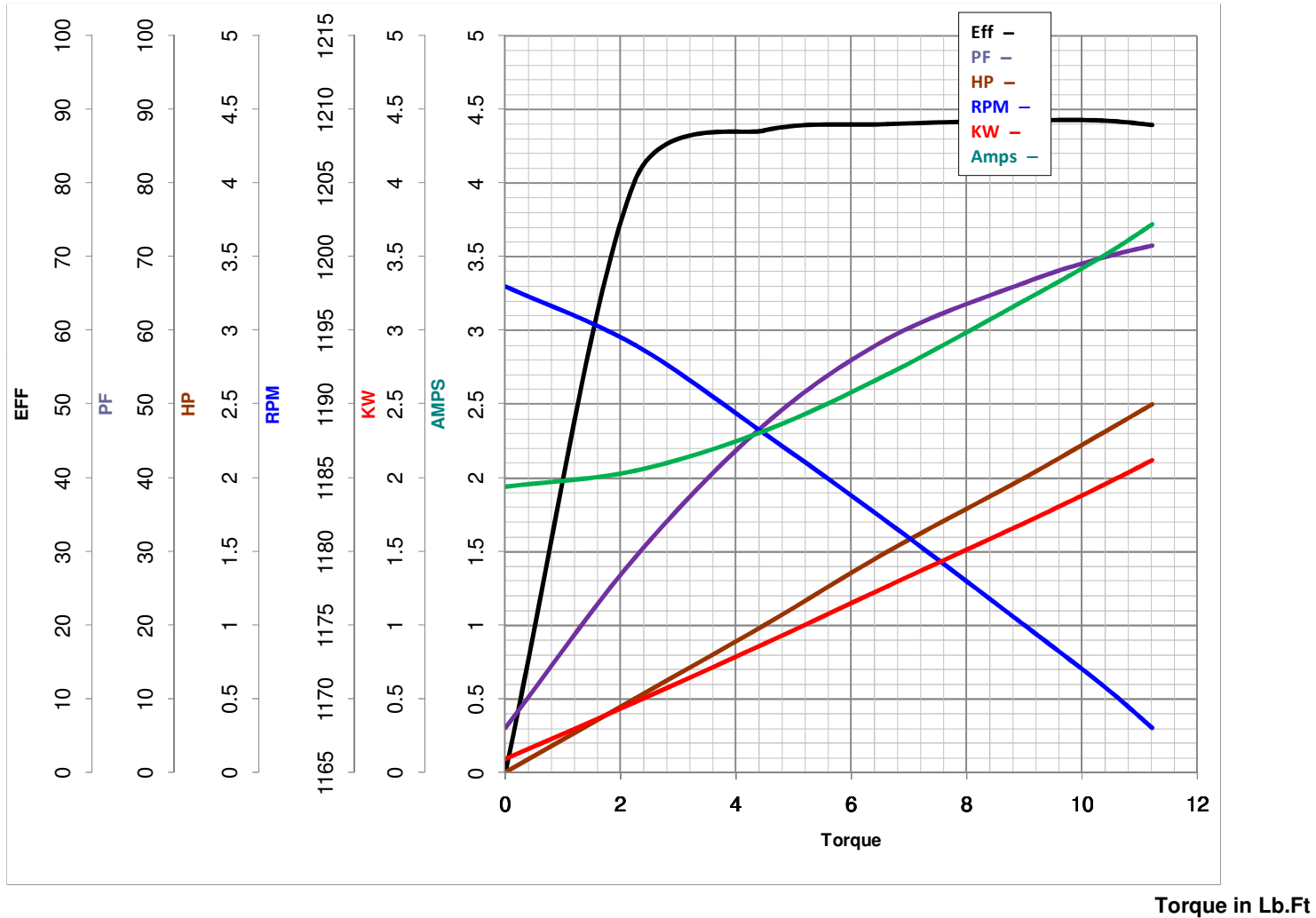
LEESON ELECTRIC CORPORATION
 TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No LM33563

Curve at 460 Volts HP 2&2 PHASE 3
60 HZ
2 HP VOLTS 230/460&190/380-415

Catalog No LM33563AA

HZ 60&50 RPM 1175&970



FL TORQUE 9 Lb.Ft
 BD TORQUE 30.2 Lb.Ft
 LR TORQUE 16.8 Lb.Ft

FL AMPS 6.4/3.2
 PU TORQUE 16.5 Lb.Ft
 LR AMPS 20.5

WINDING T8638-3

Date 5/22/2018

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 : LM33563

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

Catalog No : LM33563

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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