

PRODUCT INFORMATION PACKET



Model No: 119414.00

Catalog No: 119414.00

General Purpose Motor, 3 HP, 3 Ph, 60 Hz, 208-230/460 V, 3600 RPM, 56C Frame, TEFC



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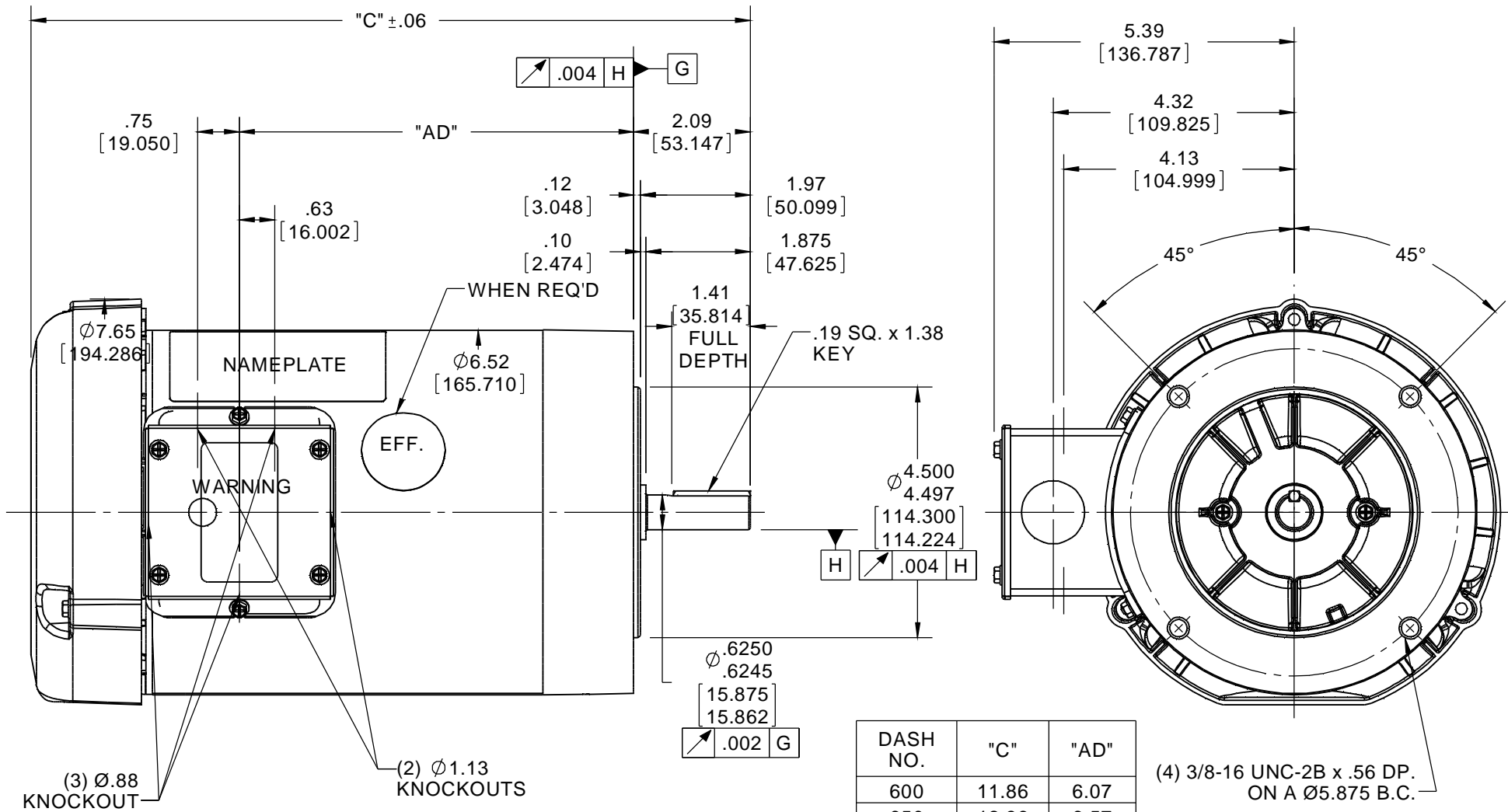


Nameplate Specifications

Output HP	3 Hp	Output KW	2.2 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	8.8-8.0/4.0 A	Speed	3490 rpm
Service Factor	1.15	Phase	3
Efficiency	86.5 %	Power Factor	86
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	M
Frame	56C	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6205	Opp Drive End Bearing Size	6203
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	2	Rotation	Reversible
Resistance Main	3.83 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 56	Overall Length	13.86 in
Frame Length	8.00 in	Shaft Diameter	0.625 in
Shaft Extension	1.88 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	028782-800	Connection Drawing	005010.01



NOTE:
1) GASKETS THROUGHOUT

ORACLE
REV
003

DRAWING REVISION F	REVISION BY PVR	DATE 05/29/15
ECO ECO-0076834	APPROVED BY JD	DATE 05/29/15
ECO DESCRIPTION WHEN REQ'D NOTE ADDED FOR EFF DECAL		
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TOLERANCES UNLESS OTHERWISE SPECIFIED:

DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±0.5°
.XX	±0.03	[±0.76]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	

REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.076/.381] X 45°
 CORNER FILLETS: R.02 [.51]
 MACHINED SURFACES: 125/3.2 INCH/mm

mm SHOWN IN [BRACKETS]

DRAWN BY
KMM 08/13/07


DATE

APPROVED BY

DATE

REFERENCE

THIRD ANGLE PROJECTION



Regal Beloit America, Inc.

DESCRIPTION

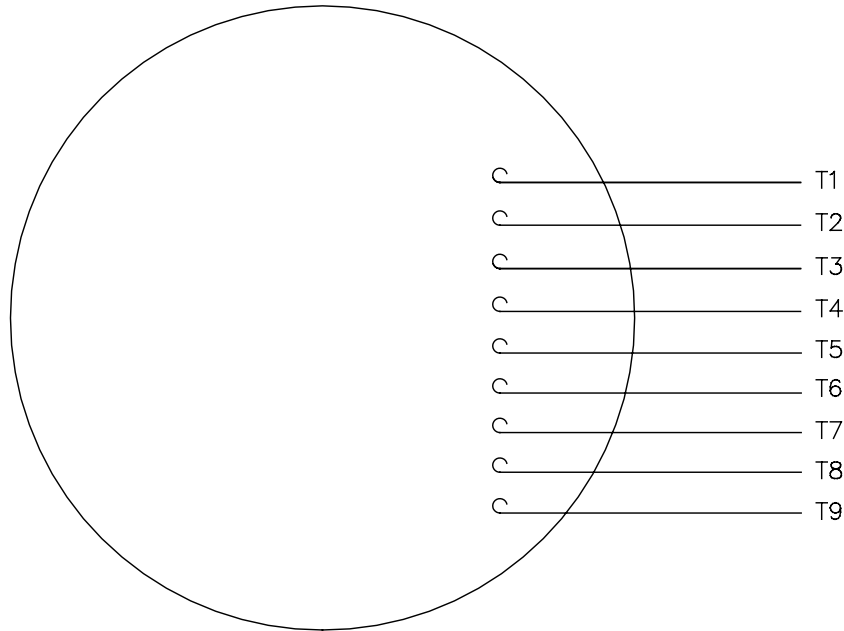
OUTLINE

TEFC - "C" FACE

MATERIAL	PROCESS/FINISH	GENERAL PURPOSE
SIZE A	DRAWING NUMBER 028782	SHEET 1 OF 1

005010-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



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

TOLERANCES
UNLESS SPECIFIED

DEC.	INCHES
.X	±.1
.XX	±.01
.XXX	±.005
.XXXX	±.0005
ANG	±1/2°



Regal Beloit America, Inc.

DRAWN RDW 04/12/02

CHK

APPD

SCALE 1=1

REF FIG.2-51

FMF

PREV

A	UPDATED TO REGAL LOGO	SAJ 06/26/15	AJY	.XXXX	±.0005	MAT'L.	DECAL - 004014
NO.	REVISION	BY & DATE	CHK	ANG	±1/2°	FINISH	

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RFP 04/12/02
DIST BRF-NLV

CAD FILE 00501001

SIZE
A

DRAWING NO.
005010-01

REV.
A



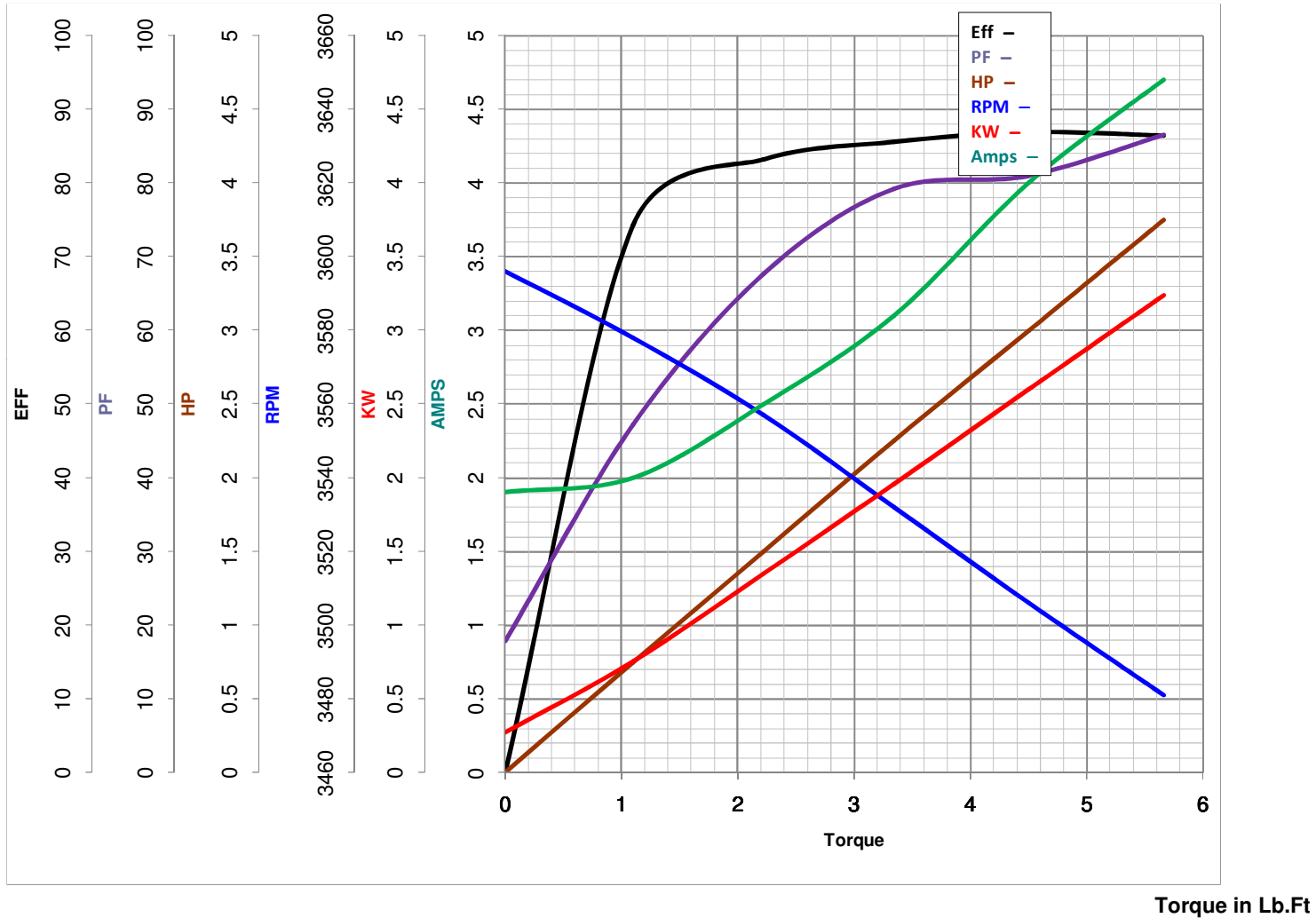
LEESON ELECTRIC CORPORATION
 TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 119414.00

Catalog No 119414.00

Curve at 460 Volts HP 3.00 PHASE 3
60 HZ
3 HP VOLTS 208-230/460

HZ 60 RPM 3490



FL TORQUE 4.5 Lb.Ft
 BD TORQUE 20.8 Lb.Ft
 LR TORQUE 17.97 Lb.Ft

FL AMPS 8.8-8/4
 PU TORQUE 17.5 Lb.Ft
 LR AMPS 41

WINDING T632209-3

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 : 119414.00

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

Catalog No : 119414.00

Rework No : N/A

Directives :

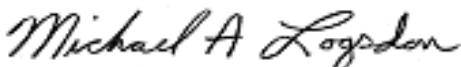
Low Voltage Directive 2014/35/EU

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

CE 22