

# PRODUCT INFORMATION PACKET



Model No: B199060.00  
Catalog No: B199060.00  
15 HP General Purpose Motor, 3 phase, 1800 RPM, 230/460 V, 254TC Frame, TEFC  
General Purpose Motors



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## Nameplate Specifications

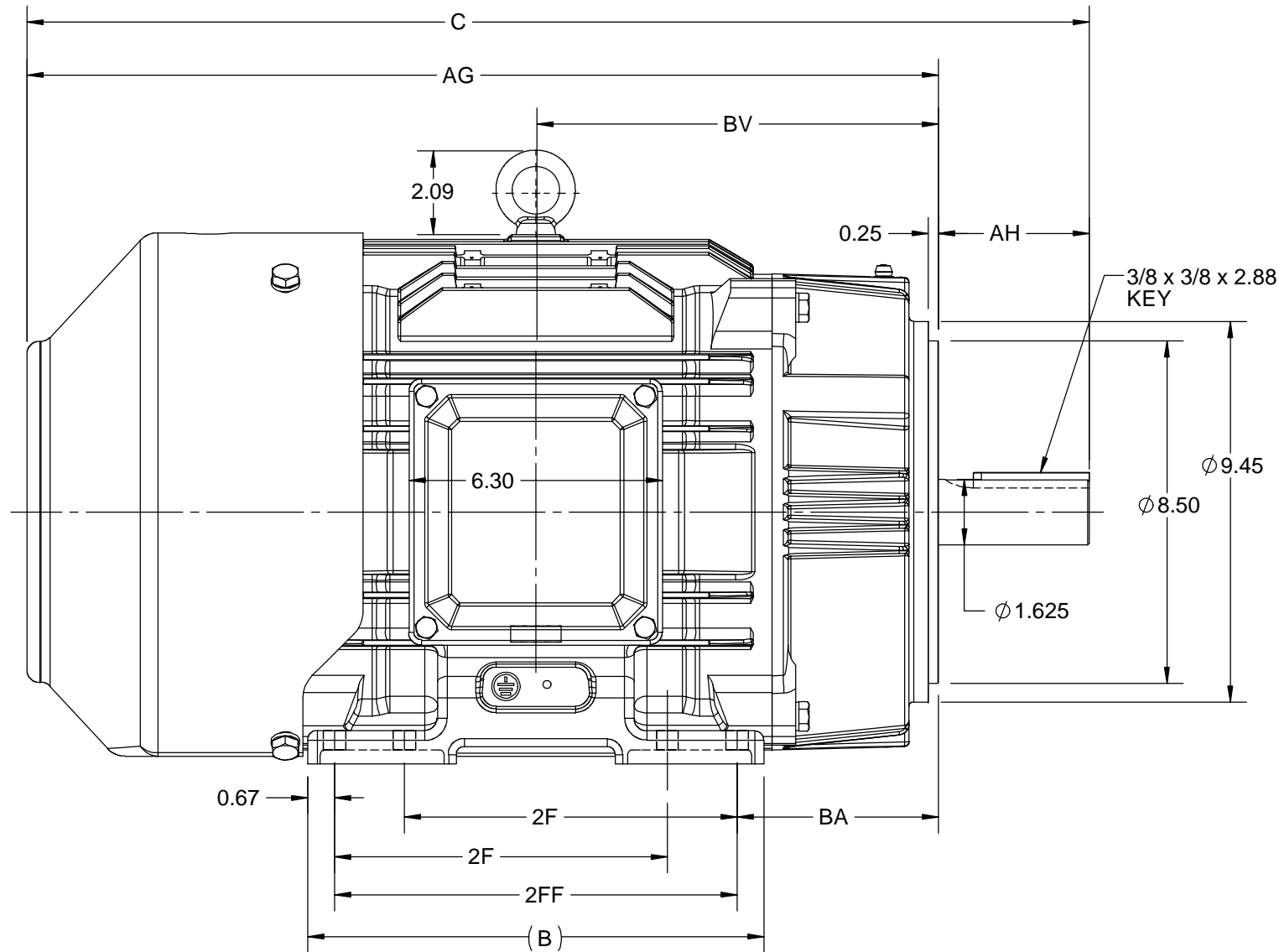
Output HP	15 Hp	Output KW	11.2 kW
Frequency	60 Hz	Voltage	230/460 V
Current	37.5/18.8 A	Speed	1772 rpm
Service Factor	1.15	Phase	3
Efficiency	92.4 %	Power Factor	82
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Frame	254TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6209
UL	Listed	CSA	Y
CE	Y	IP Code	55
Number of Speeds	1		

## Technical Specifications

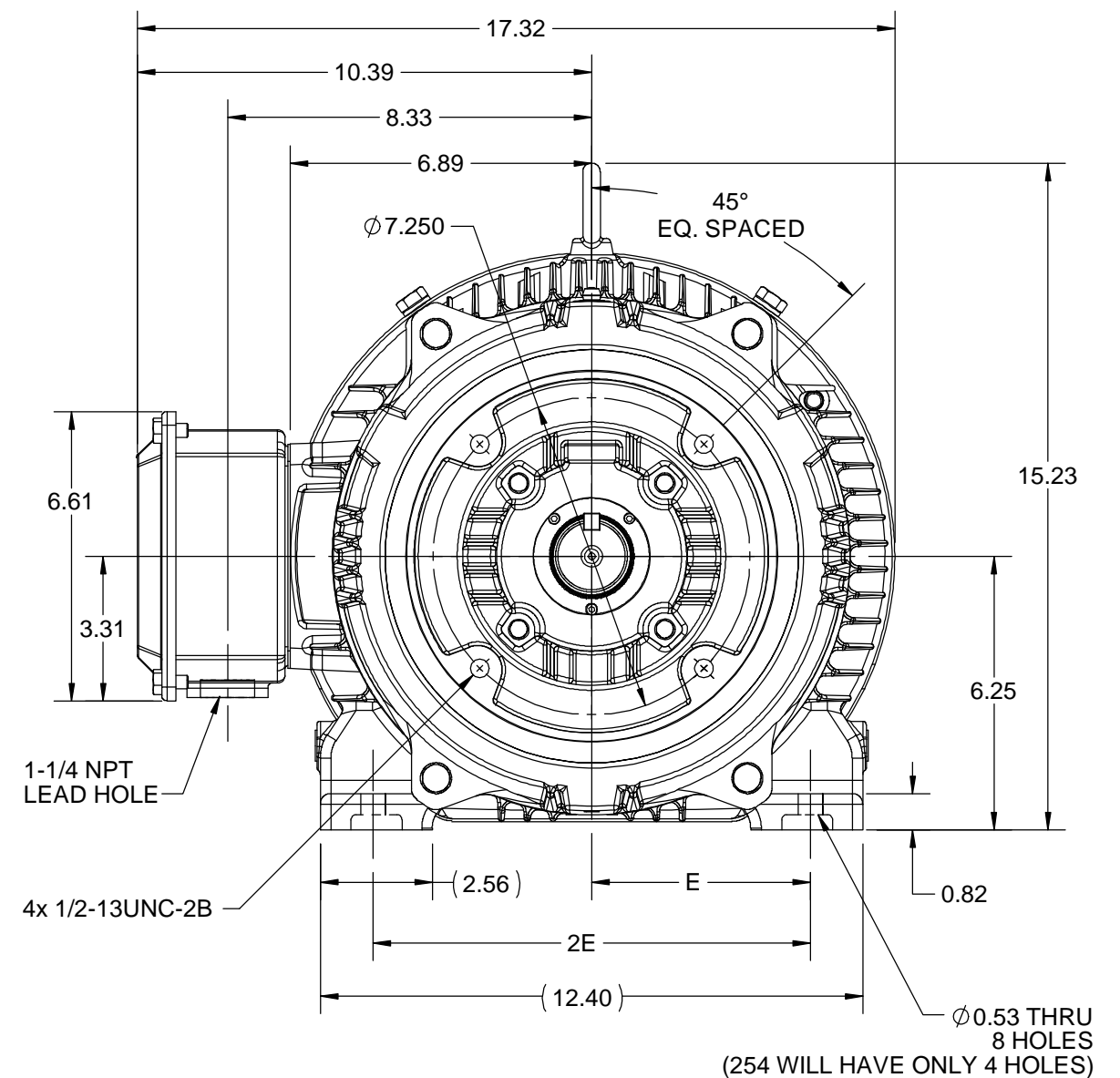
Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.6738 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Overall Length	24.65 in
Frame Length	10.00 in	Shaft Diameter	1.625 in
Shaft Extension	4 in	Assembly/Box Mounting	F1/F2 CAPABLE
Connection Drawing	EE7308K	Outline Drawing	SS620700-254TC

4				3				2				1
DASH NO.	B	C	E	2E	2F	2FF	AG	AH	BA	BV	MOUNTING	FRAME
100	9.60	24.65	5.00	10.00	---	8.25	20.90	3.75	4.75	9.14	F1 OR F2	254TC
200	11.34	26.39			8.25	10.00	22.64			10.00		254/256TC

B

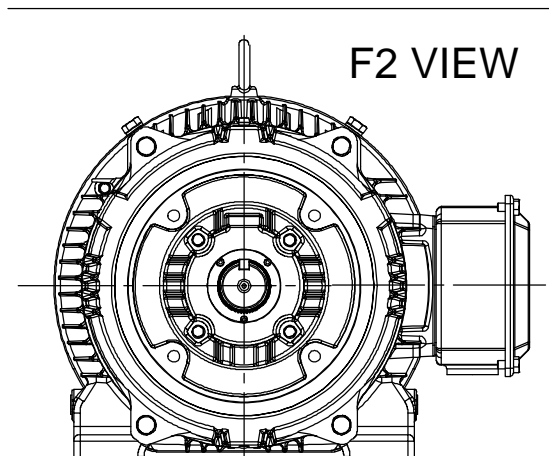




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DRAWING REVISION B	REVISION BY BISWA	REV DATE/© DATE 17/09/2020	PRIMARY DIMENSIONS ARE INCH mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY	DRAWN BY SMAR	<div></div> Regal Beloit America, Inc.		
ECO ECO-0192056	APPROVED BY SBD	DATE 17/09/2020		DATE 06/07/2015			
ECO DESCRIPTION				APPROVED BY SBD	DESCRIPTION  OUTLINE 254/256TC FR-TEFC-CAST IRON		
DRAWING UPDATED				DATE 06/07/2015			
COPYRIGHT (PER REVISION DATE) REGAL BELOIT AMERICA, INC. ALL RIGHTS RESERVED. PROPRIETARY AND CONFIDENTIAL INFORMATION - THIS DOCUMENT IS THE PROPERTY OF REGAL BELOIT AMERICA, INC. ('OWNER') AND CONTAINS OWNER'S PROPRIETARY INFORMATION. ANY PERSON, CORPORATION OR OTHER FIRM RECEIVING IT IS DEEMED, BY RECEIVING IT, TO AGREE THAT IT, AND/OR ANY PART OF IT, SHALL NOT BE DISCLOSED TO ANY PERSON, CORPORATION OR OTHER ENTITY, DUPLICATED, AND/OR USED, EXCEPT AS EXPRESSLY APPROVED IN WRITING IN ADVANCE BY OWNER. THIS DOCUMENT SHALL BE RETURNED TO OWNER UPON REQUEST. IT MAY BE SUBJECT TO CERTAIN RESTRICTIONS UNDER APPLICABLE EXPORT CONTROL LAWS AND REGULATIONS.				REFERENCE	MATERIAL		PROCESS/FINISH
			THIRD ANGLE PROJECTION		SIZE B	DRAWING NUMBER SS620700	SHEET 1 OF 1

4

3

2

1

LOW VOLTAGE

EE7308K

HIGH VOLTAGE

VIEW OF TERMINAL END

			TOLERANCES UNLESS SPECIFIED			 <b>REGAL - BELOIT CORPORATION</b>	DRAWN PGK 06-04-1997		
NO.	REVISION	BY & DATE	CHK	ANG	± 7'30"		CHK	ML	06-05-1997
E	CORRECTED IEC MARKINGS ECD-0111208	WGJ 01-23-2017	EMH	DEC.	INCHES				
D	RE-DRAWN WITH REGAL LOGO ECD-0110493	WGJ 09-30-2016	EMH	.X	± .1				
8	ADDED IEC DESIGNATIONS MU95020	TJW 4/30/2010	MJS	.XX	± .02	TITLE CONNECTION DIAGRAM DELTA CON. - 3Ø - 9 LEADS			
7	REVISED HIGH VOLTAGE L2 WAS L3 CN52600-354	MRB 09-21-1998		.XXX	± .005				
6	REDRAWN ON CADD	PGK 06-05-1997		.XXXX	± .0005				
						MAT'L.			
						FINISH			
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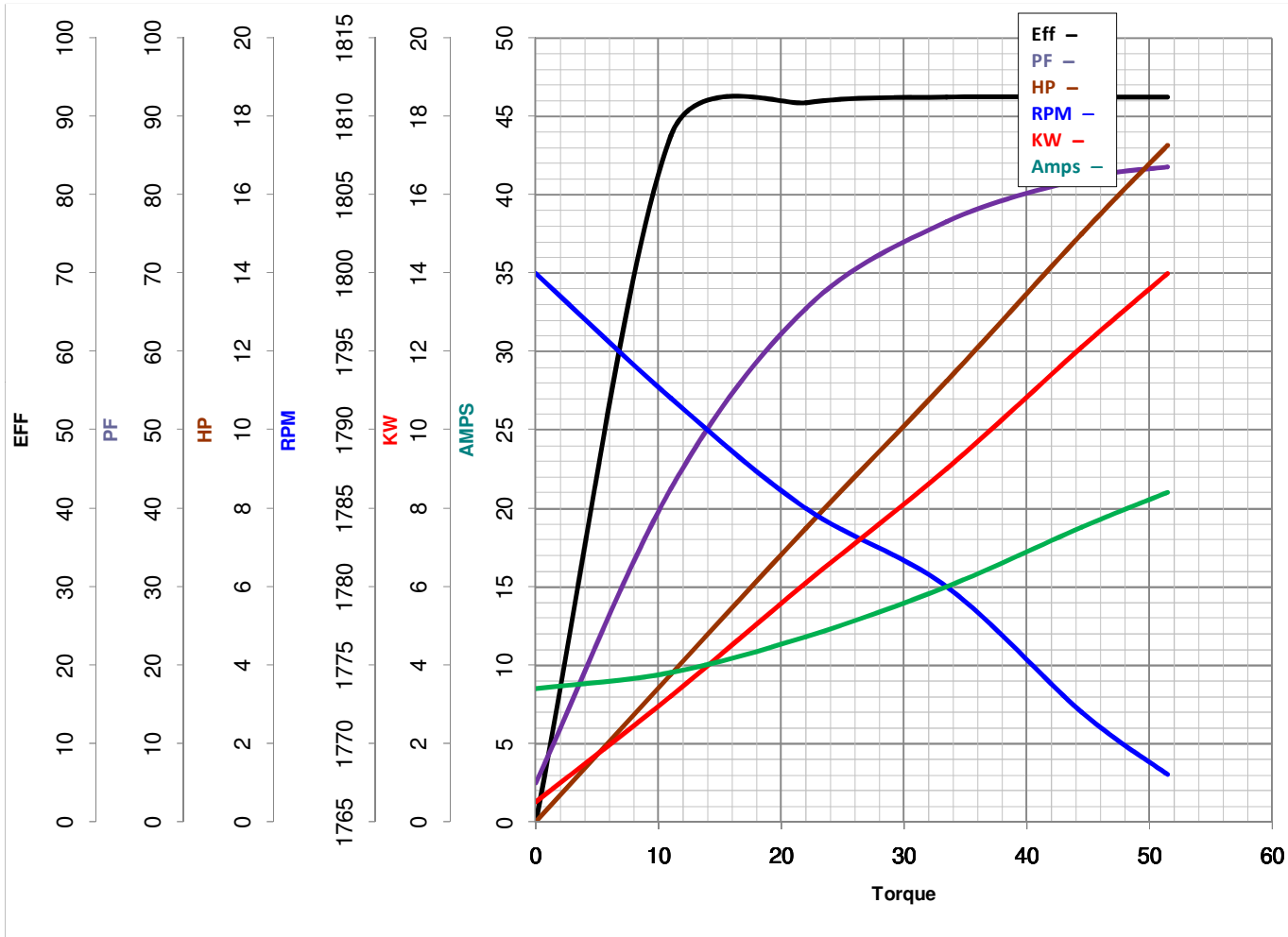
Model No B199060.00Catalog No B199060.00

# LEESON ELECTRIC CORPORATION

## TYPICAL PERFORMANCE CURVE for AC MOTOR

Curve at 460  
60  
15

Volts  
HZ  
HP

HP 15.00PHASE 3VOLTS 230/460HZ 60RPM 1772

Torque in Lb.Ft

FL TORQUE 44.5 Lb.Ft  
BD TORQUE 118.0 Lb.Ft  
LR TORQUE 91 Lb.Ft

FL AMPS 37.5/18.8  
PU TORQUE 76.5 Lb.Ft  
LR AMPS 113

WINDING HE31604011-1

Date 5/22/2018