

PRODUCT INFORMATION PACKET



Model No: 112427.00

Catalog No: 112427.00

White Duck™ General Purpose Motor, 0.50 HP, 3 Ph, 60 Hz, 230/460 V, 1800 RPM, 56 Frame, TEFC

Operational at 208-230/460 V @60HZ



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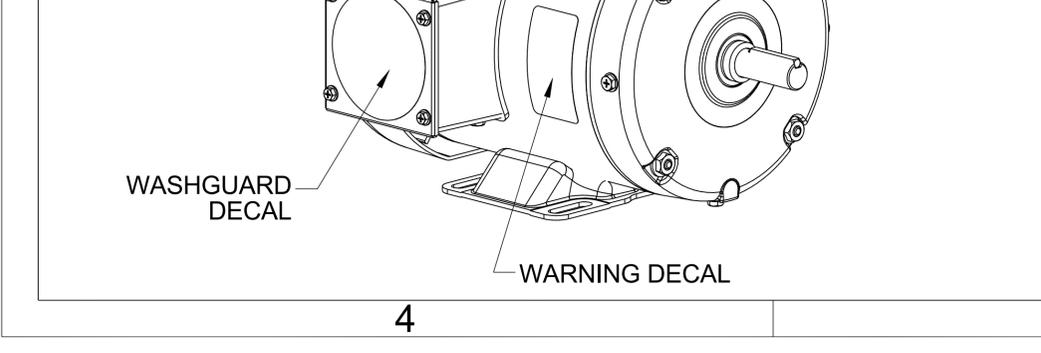
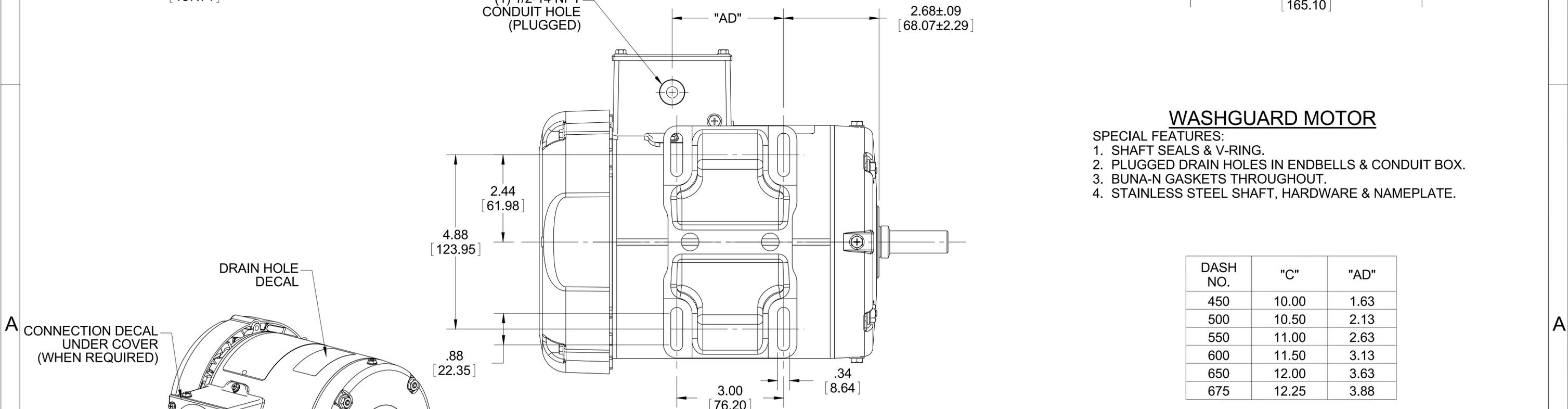
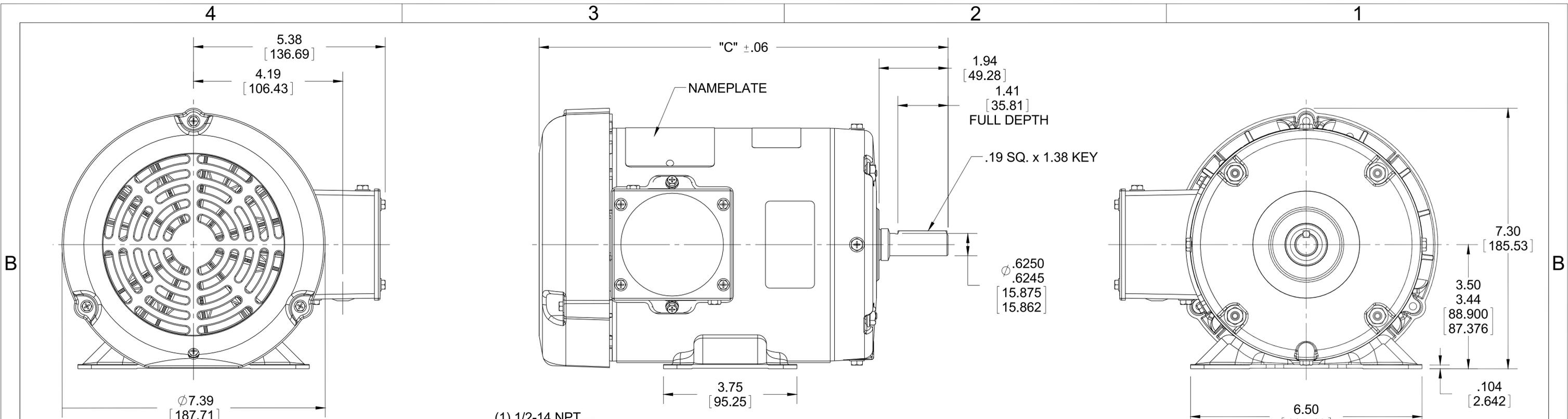


Nameplate Specifications

Phase	3	Output HP	0.50 Hp
Output KW	0.37 kW	Voltage	230/460 V
Speed	1725 rpm	Service Factor	1.15
Frame	56	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	74 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	2.0/1.0 A	Power Factor	63
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	K
Drive End Bearing Size	6205	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	Y	IP Code	55
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	31.5 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 56	Overall Length	10.50 in
Frame Length	5.00 in	Shaft Diameter	0.625 in
Shaft Extension	1.88 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	607-0001-500	Connection Drawing	005010.01

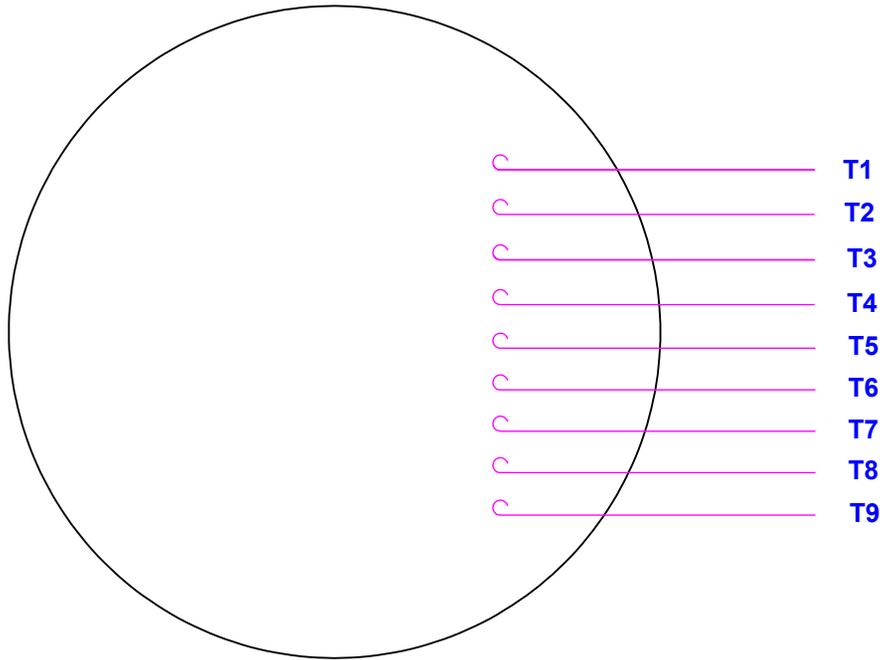


WASHGUARD MOTOR
 SPECIAL FEATURES:
 1. SHAFT SEALS & V-RING.
 2. PLUGGED DRAIN HOLES IN ENDBELLS & CONDUIT BOX.
 3. BUNA-N GASKETS THROUGHOUT.
 4. STAINLESS STEEL SHAFT, HARDWARE & NAMEPLATE.

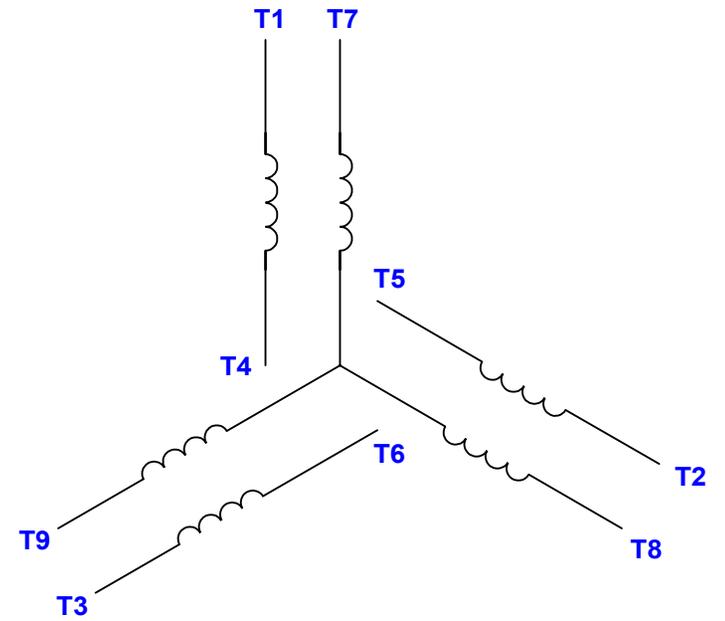
DASH NO.	"C"	"AD"
450	10.00	1.63
500	10.50	2.13
550	11.00	2.63
600	11.50	3.13
650	12.00	3.63
675	12.25	3.88

DRAWING REVISION C	REVISION BY SAJID	DATE 09/24/15	TOLERANCES UNLESS OTHERWISE SPECIFIED: DEC. INCH mm ANGLE .X ±0.1 [±2.5] .XX ±0.01 [±0.25] .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 mm SHOWN IN [BRACKETS]	DRAWN BY PG 02/01/11	REGAL ™ Regal Beloit America, Inc.
ECO ECO-0081310	APPROVED BY SAJID	DATE 09/24/15		DATE	
ECO DESCRIPTION ADDED DASH 675				APPROVED BY	DESCRIPTION
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				REFERENCE	MATERIAL WASHGUARD
				THIRD ANGLE PROJECTION	PROCESS/FINISH
				SIZE B	DRAWING NUMBER 607-0001
					SHEET 1 OF 1

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 RDW 04/12/02	
				DEC	INCHES	CHK	
				.X	±.1	APPR	
12	CHG FROM LEESON TO RRX TEMPLATE AS PER ECR-0237142	KVDG 09/19/24	DS	.XX	±.01	SCALE 1:1	
--	REDRAWN IN SOLIDWORKS	VJB 02/08/11		.XXX	±.005	REF FIG. 2-51	
11	ADD REV TO MATCH ORACLE	KJH 06/08/09	MDN	.XXX	±.0005	FMF	
NO	REVISION	BY & DATE	CHK	ANG	±1/2°	PAGE OF	
THIRD ANGLE PROJECTION			RFP	04/12/02	PREV	SIZE	DRAWING NO
			NETWORK FILE NAME		00501001	A	005010-01
							REV
							12

Regal Rexnord Regal Beloit America, Inc.

TITLE EXTERNAL WIRING DIAGRAM
 3 PHASE W/O PROTECTOR

MAT'L DECAL - 004014

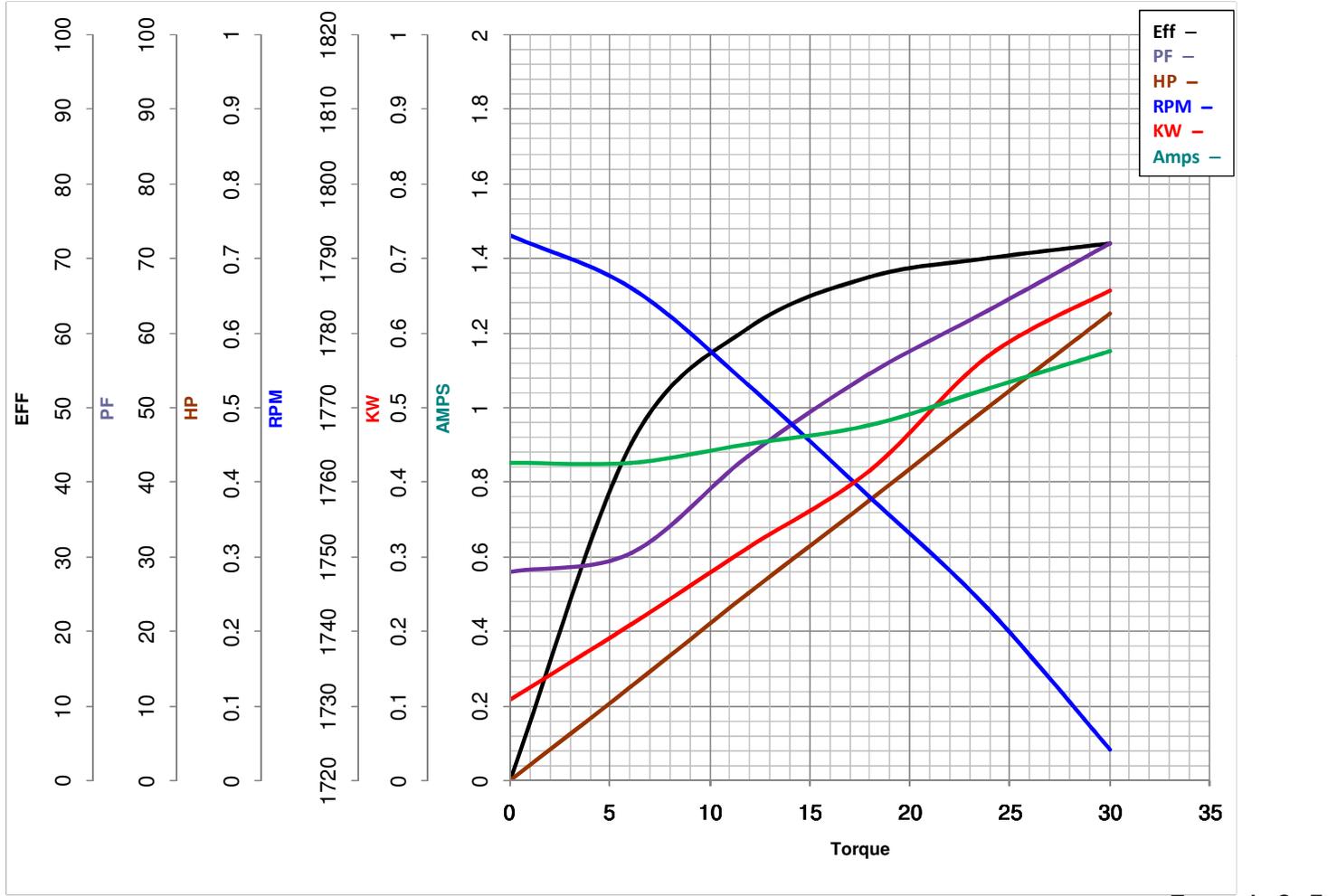


LEESON ELECTRIC CORPORATION
TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 112427.00

Catalog No 112427.00

Curve at 460 Volts HP 0.50 PHASE 3
60 HZ
0.5 HP VOLTS 208-230/460
HZ 60 RPM 1725



FL TORQUE	<u>23.9</u>	Oz.Ft	FL AMPS	<u>1.9-2/1</u>	
BD TORQUE	<u>86.5</u>	Oz.Ft	PU TORQUE	<u>59.0</u>	Oz.Ft
LR TORQUE	<u>60</u>	Oz.Ft	LR AMPS	<u>5.1</u>	
WINDING	T634199-3		Date	6/5/2018	

EC Declaration of Conformity

The undersigned representing
the manufacturer:

Regal Beloit America
1946 West Cook Road
Fort Wayne, IN 46818

and the authorized representative
established within the Community:

Regal Beloit Italy
Via Modena, 18
24040 Ciserano(BG) - Italy

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 : 112427.00

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

Catalog No : 112427.00

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:



Zach Stauffer
Vice President, Engineering

Authorized Representative in the Community:



Stefano Casiraghi
Technology Director, Engineering

Created on 07/08/2025

CE 25