

PRODUCT INFORMATION PACKET



Model No: 191481.00

Catalog No: 191481.00

SST Duck™ General Purpose Motor, 1.50 HP, 1 Ph, 60 Hz, 115/230 V, 1800 RPM, 56C Frame, TEFC



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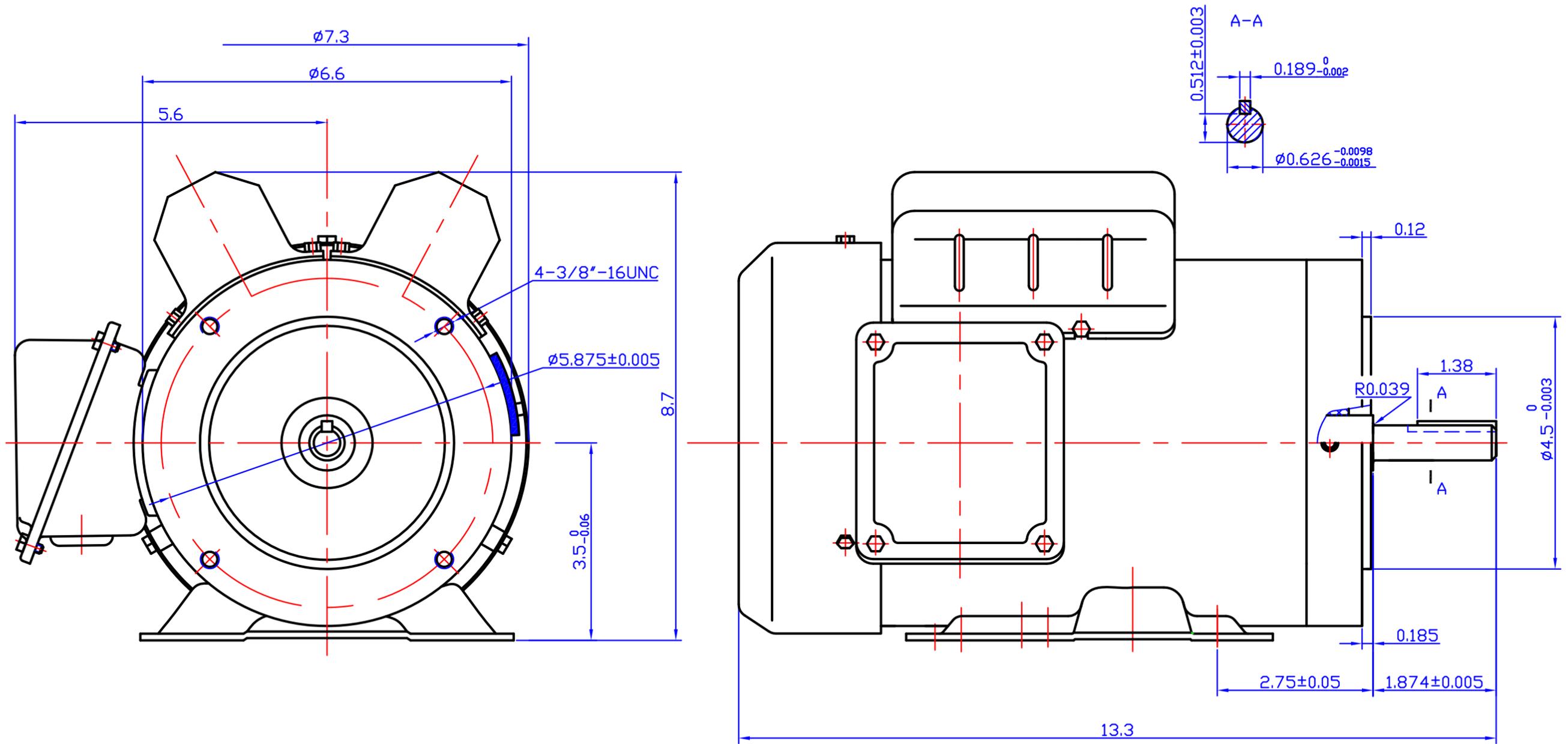
Nameplate Specifications

Phase	1	Output HP	1.50 Hp
Output KW	1.1 kW	Voltage	115/230 V
Speed	1725 rpm	Service Factor	1.15
Frame	56C	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	75 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	15.8/7.9 A	Power Factor	75
Duty	Continuous	Insulation Class	F
Design Code	N	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	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Resistance Main	1.07 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Stainless Steel
Shaft Type	NEMA 56	Overall Length	13.30 in
Frame Length	7.54 in	Shaft Diameter	0.625 in
Shaft Extension	1.88 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	005054.01	Outline Drawing	16999800

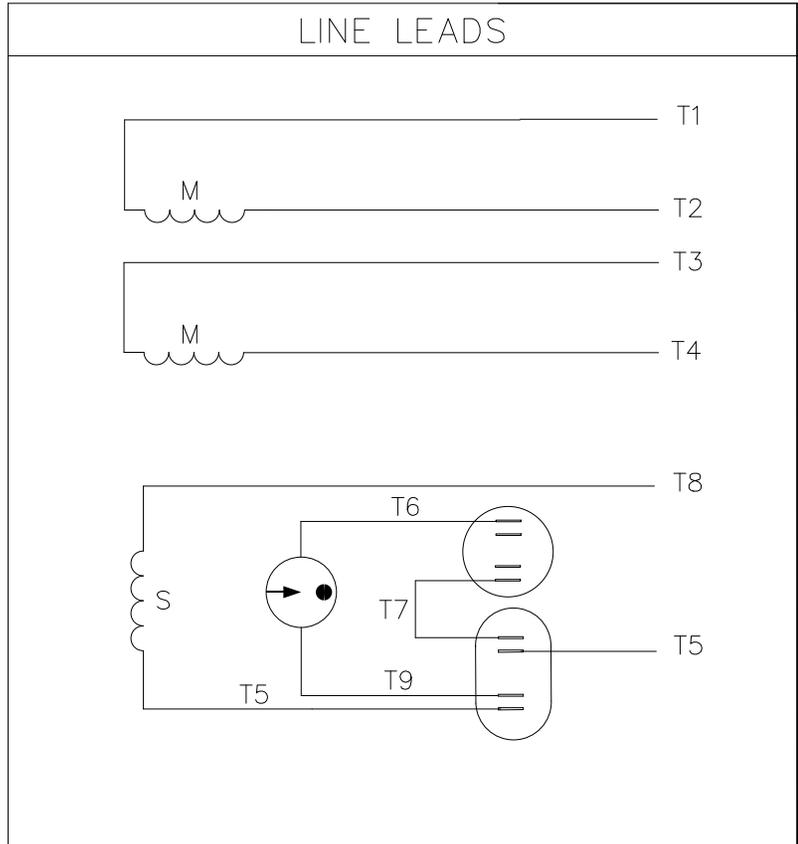
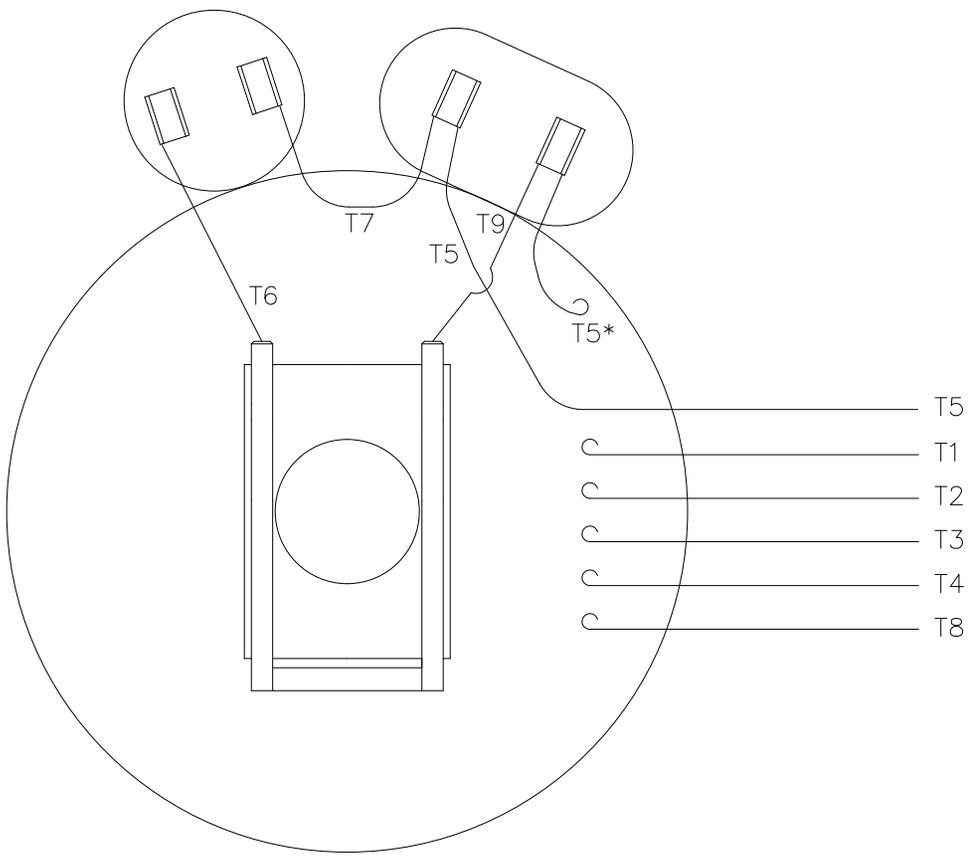
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MODEL.NO.	FRAME	PH	HP	Hz	RPM	Pole	Volt	thermal protector
	56HC	3	1.5	60	1740	4	115/230	NONE

DR BY:		DESCRIPTION outline drawing
APPD:		
FIRST ANGLE PROJECTION	EDS DATE VERSION	
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-ALL RIGHTS RESERVED.		DWG NO
		SCALE
		SHEET

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



	ROTATION FACING LEAD END	L1	L2	JOIN
HIGH VOLT	C.C.W.	T1	T4 T5	T2,T3 T8
	C.W.	T1	T4 T8	T2,T3 T5
LOW VOLT	C.C.W.	T1 T3,T8	T2,T4 T5	
	C.W.	T1,T3 T5	T2,T4 T8	

* THIS LEAD MAY BE WHITE

NO.	REVISION	BY & DATE	CHK	TOLERANCES UNLESS SPECIFIED	
				DEC.	INCHES
12	CHG FROM LEESON TO RRX TEMPLATE AS PER ECR-0237142	KVDG 09/17/24	DS	.X	±.1
11	ALTERNATE T5 LEAD MARKING WAS RED	RLW 8/6/02		.XX	±.01
10	ADDED ALTERNATE T5 LEAD MARKING	RLW 6/5/02	KH	.XXX	±.005
09	REDRAWN TO CAD	DBT 05/28/97		.XXXX	±.0005
				ANG	±1/2*

Regal Rexnord Regal Beloit America, Inc.

EXT. WIRING DIAGRAM
TYPE "K" W/O PROTECTOR

DECAL-004012

DRAWN	JRW 09/27/74
CHK	TEM
APPD	10/11/74
SCALE	1=1
REF	A-005053
FMF	W-K6343
PREV	



CERTIFICATION DATA SHEET

**1051 CHEYENNE AVE.
GRAFTON, WI 53024
PH. 262-377-8810**

CONN. DIAGRAM: 005054.01

CATALOG #: 191481.00

OUTLINE: 16999800

MOUNTING: F1 ONLY

WINDING #: QK6348 FR 3 A

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1 1/2	1.12	1800	1725	56C	TEFC	K	N

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
1	60	115/230	15.8/7.9	ACROSS THE LINE	CONTINUOUS	F5	1.15	40

FULL LOAD EFF:	75	3/4 LOAD EFF:	78.9	1/2 LOAD EFF:	71.6	GTD. EFF	ELEC. TYPE
FULL LOAD PF:	75	3/4 LOAD PF:	68.7	1/2 LOAD PF:	58.1	70	CAP START CAP RUN

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
4.5 LB-FT	116.8 / 58.4	15 LB-FT 333 %	12.7 LB-FT 282 %	97

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
0 dBA	10 dBA	-1 LB-FT^2	0 LB-FT^2	10 SEC.	0	53 LBS.

***** SUPPLEMENTAL INFORMATION *****

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	STANDARD	RIGID	HORIZONTAL	FALSE	NONE	FALSE	NONE	NO PAINT

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	ODE						
BALL	BALL	POLYREX EM	T	NONE	NONE	AISI 1045 (C-240)	STAINLESS STEEL
6205	6203						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

*
N
O
T
E
S

INVERTER TORQUE: NONE
INV. HP SPEED RANGE: NONE
ENCODER: NONE
NONE NONE
NONE NONE PPR
BRAKE: NONE NONE
NONE P/N NONE
NONE NONE
NONE FT-LB NONE V NONE HZ



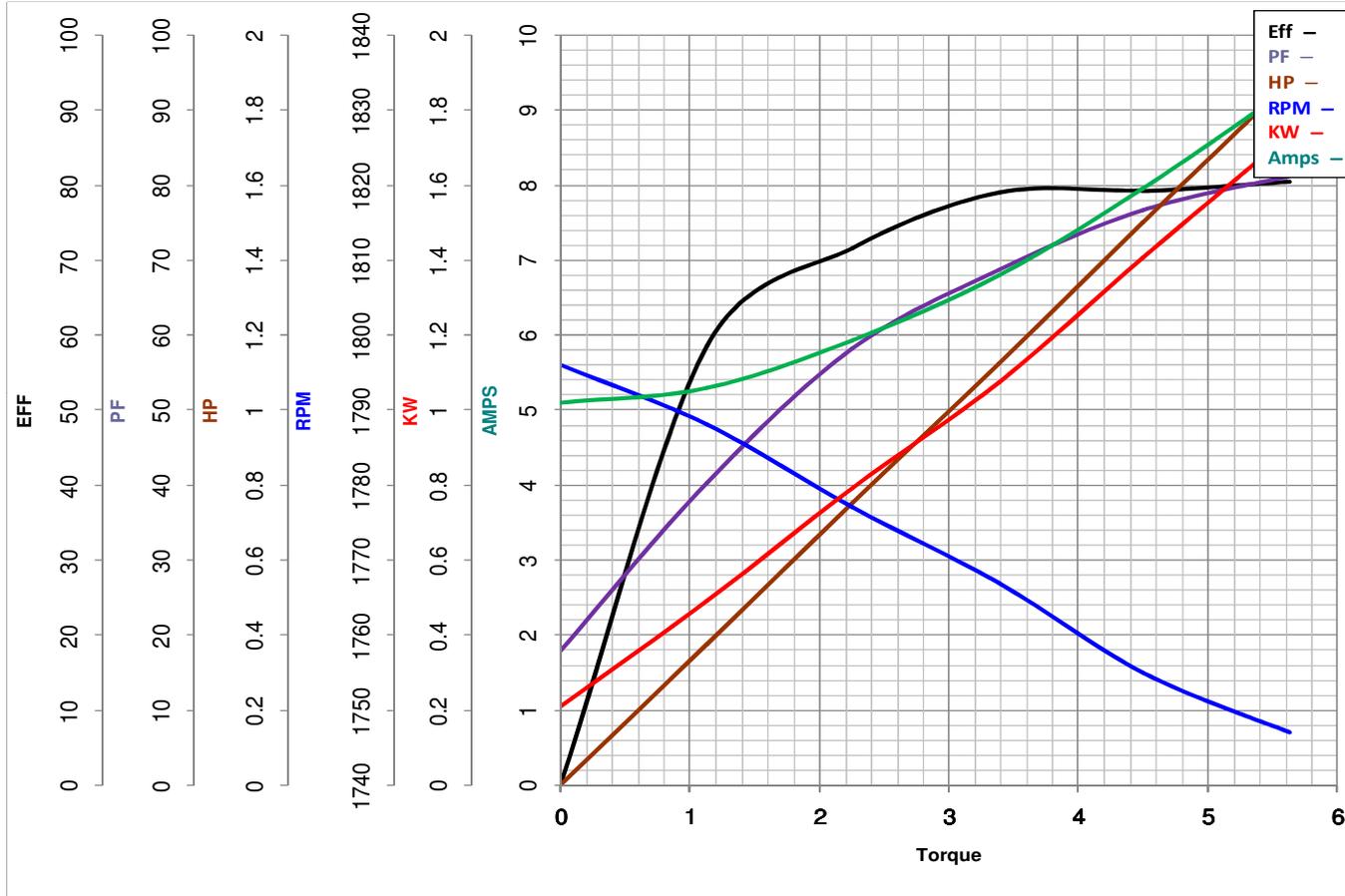
LEESON ELECTRIC CORPORATION
 TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 191481.00

Curve at 230 Volts HP 1.50 PHASE 1
60 HZ
1.5 HP VOLTS 115/230

Catalog No 191481.00

HZ 60 RPM 1725



Torque in Lb.Ft

FL TORQUE 4.5 Lb.Ft
 BD TORQUE 12.7 Lb.Ft
 LR TORQUE 15 Lb.Ft

FL AMPS 15.8/7.9
 PU TORQUE 11.7 Lb.Ft
 LR AMPS 58.4

WINDING QK6348-3

Date 3/11/2019

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 : 191481.00

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

Catalog No : 191481.00

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