

PRODUCT INFORMATION PACKET



Model No: 191482.00

Catalog No: 191482.00

SST Duck™ General Purpose Motor, 2 HP, 1 Ph, 60 Hz, 115/230 V, 3600 RPM, 145TC Frame, TEFC



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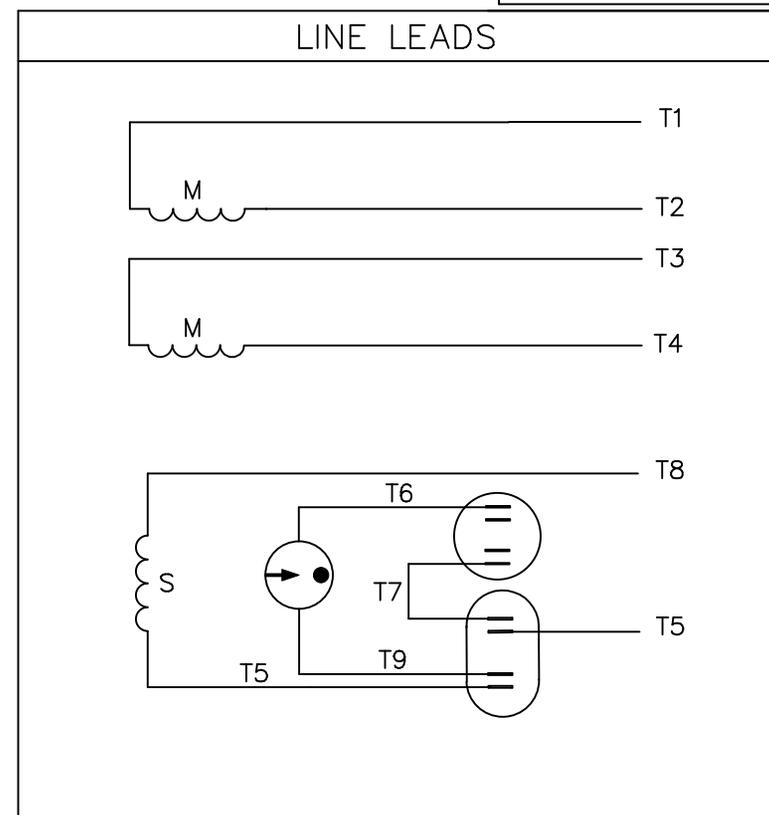
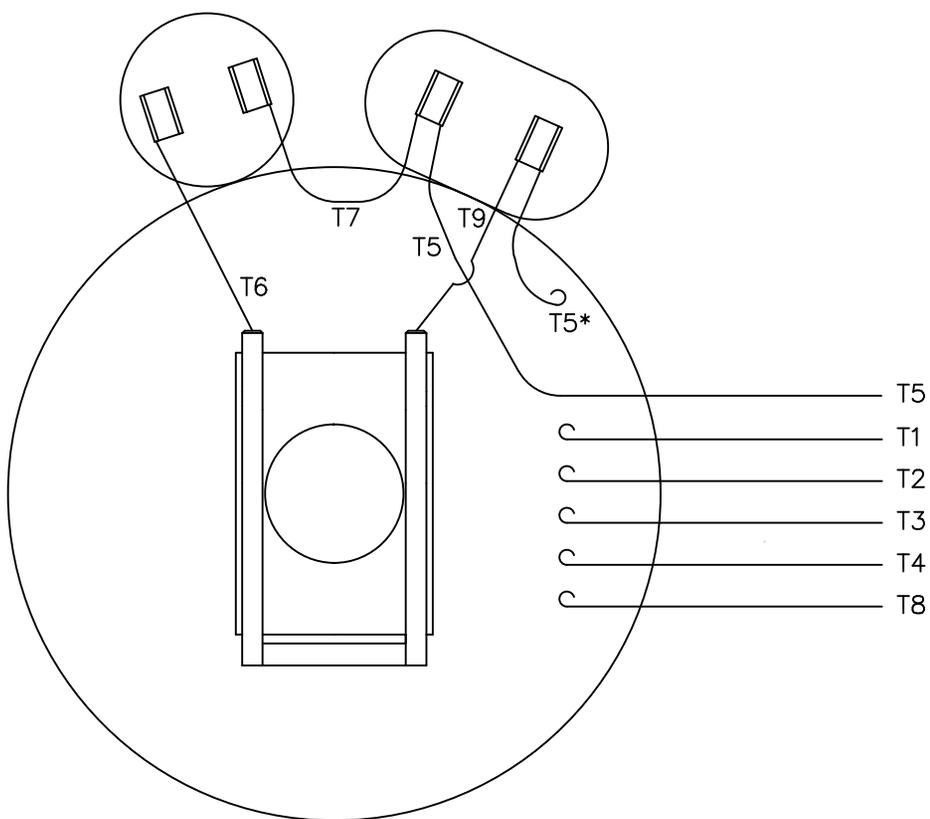
Nameplate Specifications

Output HP	2 Hp	Output KW	1.5 kW
Frequency	60 Hz	Voltage	115/230 V
Current	19.0/9.5 A	Speed	3450 rpm
Service Factor	1.15	Phase	1
Efficiency	81.5 %	Power Factor	86.3
Duty	Continuous	Insulation Class	F
Design Code	N	KVA Code	J
Frame	145TC	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	55
Number of Speeds	1		

Technical Specifications

Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	2	Rotation	Selective Counterclockwise
Resistance Main	.906 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Stainless Steel
Shaft Type	T	Overall Length	14.00 in
Frame Length	7.99 in	Shaft Diameter	0.875 in
Shaft Extension	2.25 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	16999900	Connection Drawing	005054.01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



* THIS LEAD MAY BE WHITE

	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	

		TOLERANCES UNLESS SPECIFIED		ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN JRW 09/27/74			
		DEC.	INCHES			CHK	TEM		
		.X	±.1			APPD	10/11/74		
11	ALTERNATE T5 LEAD MARKING WAS RED	RLW	8/6/02	.XX	±.01	TITLE	EXT. WIRING DIAGRAM TYPE "K" W/O PROTECTOR	SCALE	1=1
10	ADDED ALTERNATE T5 LEAD MARKING	RLW	6/5/02	KH	.XXX	MAT'L.	DECAL-004012	REF	A-005053
09	REDRAWN TO CAD	DBT	05/28/97		.XXXX	FINISH		FMF	W-K6343
NO.	REVISION	BY & DATE	CHK	ANG	±1/2'	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	00505401	SIZE	DRAWING NO.	REV.
				DIST	BRF-NLV	A	005054-01	11	



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

CERTIFICATION DATA SHEET

CATALOG #:191482.00

CONN. DIAGRAM: 005054.01

OUTLINE: 16999900

MOUNTING: F1 ONLY

WINDING #: QK6328 FR 3 A

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
2	1.49	3600	3450	145TC	TEFC	J	N

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
1	60	115/230	19/9.5	ACROSS THE LINE	CONTINUOUS	F5	1.15	40

FULL LOAD EFF:	81.5	3/4 LOAD EFF:	80.3	1/2 LOAD EFF:	76.5	GTD. EFF		ELEC. TYPE	
FULL LOAD PF:	86.3	3/4 LOAD PF:	81.7	1/2 LOAD PF:	72.4	78.5	CAP START CAP RUN		

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
3 LB-FT	138 / 69	7.5 LB-FT 250 %	7.7 LB-FT 257 %	95

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	41 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



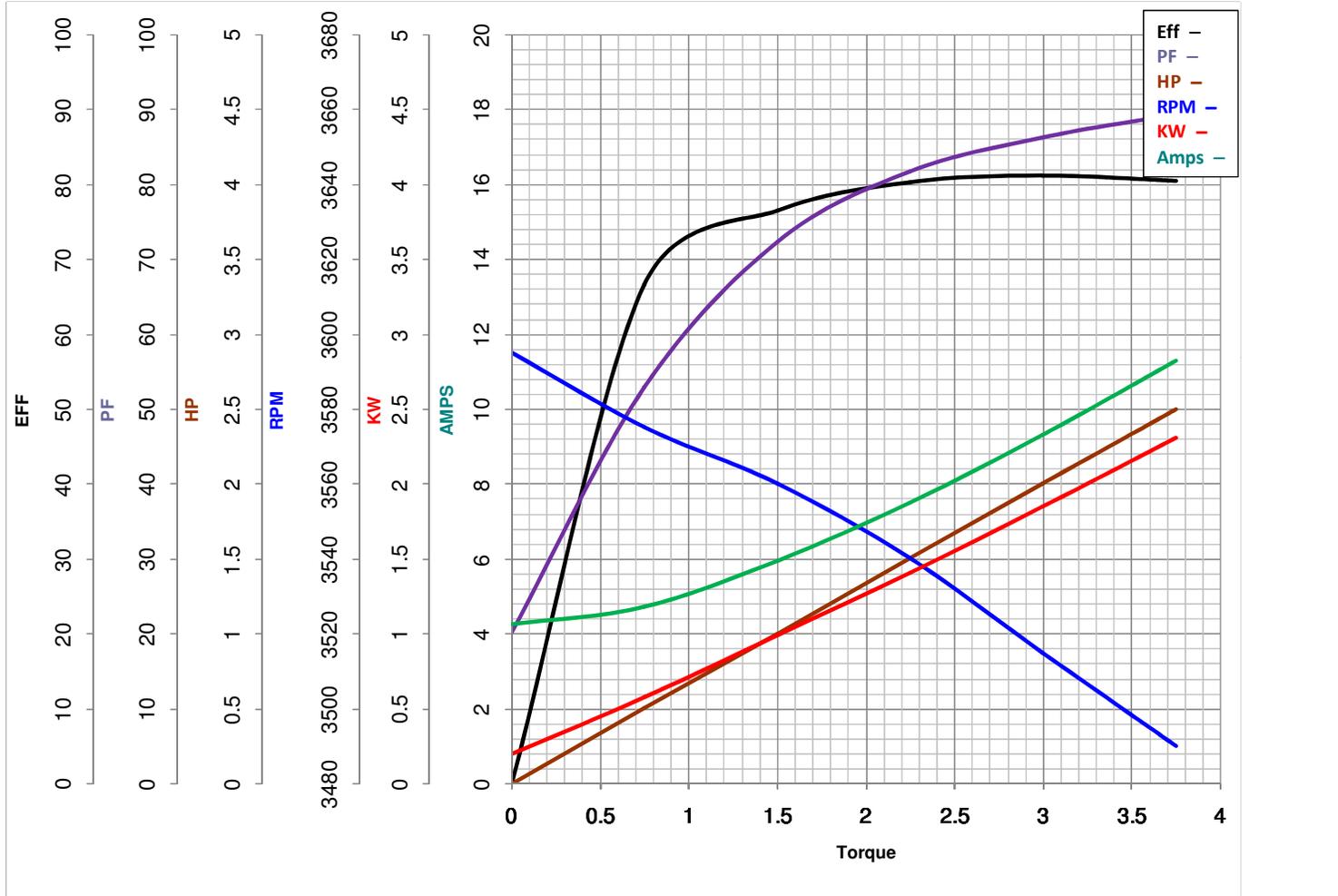
LEESON ELECTRIC CORPORATION
 TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 191482.00

Catalog No 191482.00

Curve at 230 Volts HP 2.00 PHASE 1
60 HZ
2 HP VOLTS 115/230

HZ 60 RPM 3450



FL TORQUE	<u>3</u>	Lb.Ft	FL AMPS	<u>19/9.5</u>	
BD TORQUE	<u>7.7</u>	Lb.Ft	PU TORQUE	<u>7.5</u>	Lb.Ft
LR TORQUE	<u>7.5</u>	Lb.Ft	LR AMPS	<u>69</u>	
WINDING	QK6328-3		Date	<u>7/17/2018</u>	

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
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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 : 191482.00

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

Catalog No : 191482.00

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