

PRODUCT INFORMATION PACKET



Model No: 113767.00

Catalog No: 113767.00

WATTSaver® General Purpose Motor, 0.75 HP, 1 Ph, 60 Hz, 115/230 V, 1800 RPM, 56 Frame, TEFC

Operational at 115/208-230 V @60HZ



Regal and Leeson are trademarks of Regal Rexnord Corporation or one of its affiliated companies.

©2023 Regal Rexnord Corporation, All Rights Reserved. MC017097E



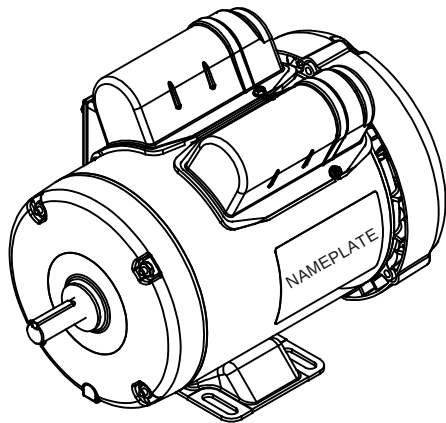
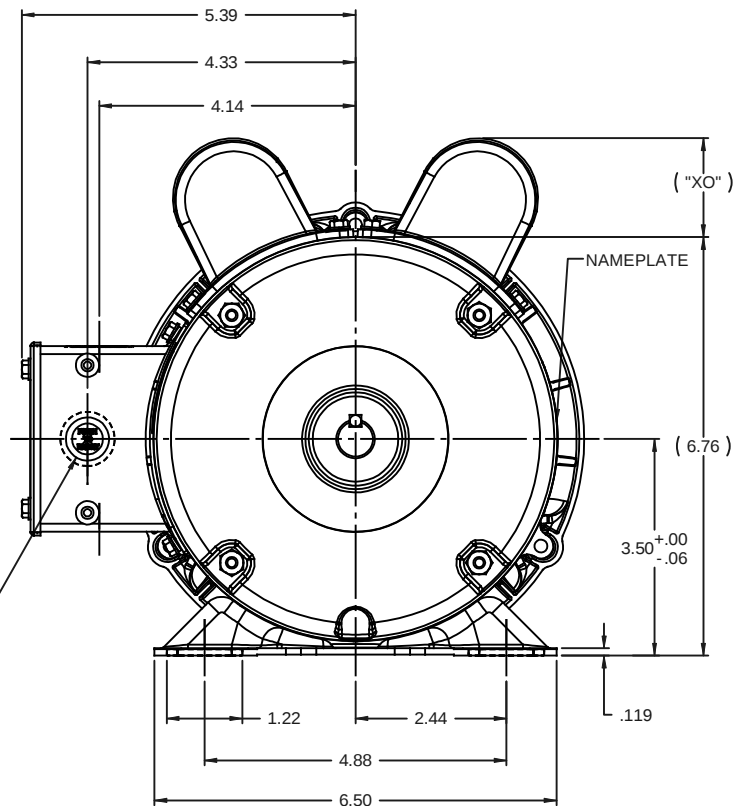
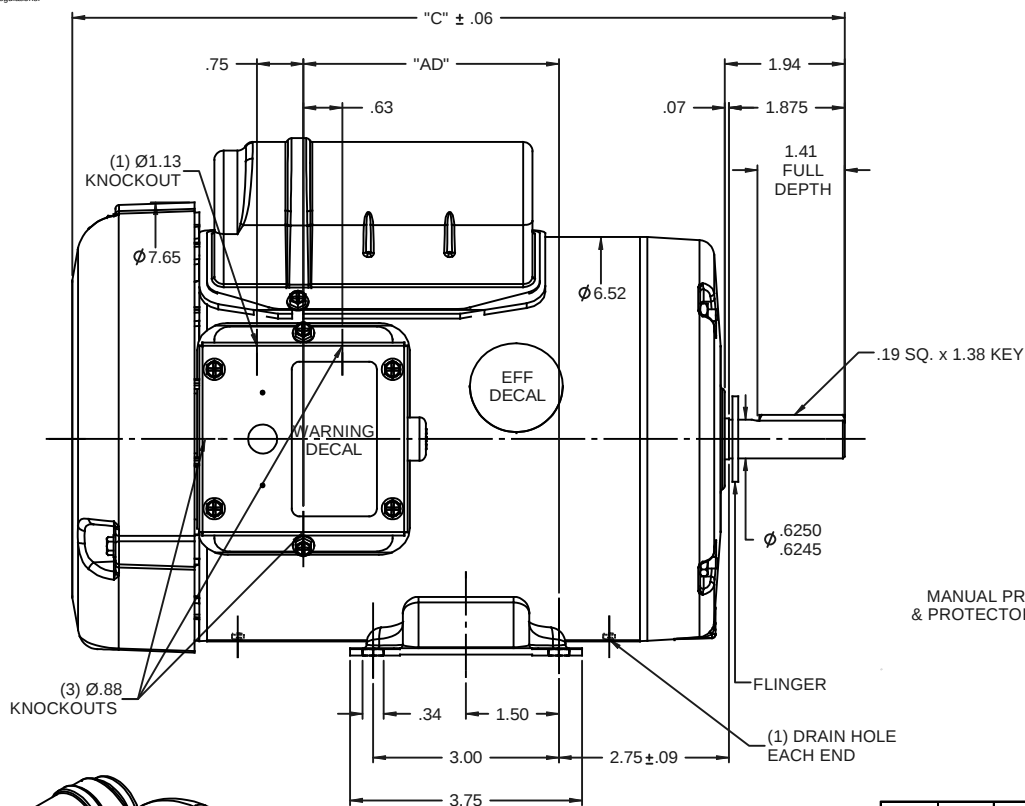


Nameplate Specifications

Phase	1	Output HP	0.75 Hp
Output KW	0.56 kW	Voltage	115/230 V
Speed	1725 rpm	Service Factor	1.15
Frame	56	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Manual	Efficiency	82 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	6.4/3.2 A	Power Factor	93
Duty	Continuous	Insulation Class	B
Design Code	NO DESIGN CODE	KVA Code	J
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Resistance Main	2.88 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	11.99 in
Frame Length	6.50 in	Shaft Diameter	0.625 in
Shaft Extension	1.88 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	005053.02	Outline Drawing	028809-650

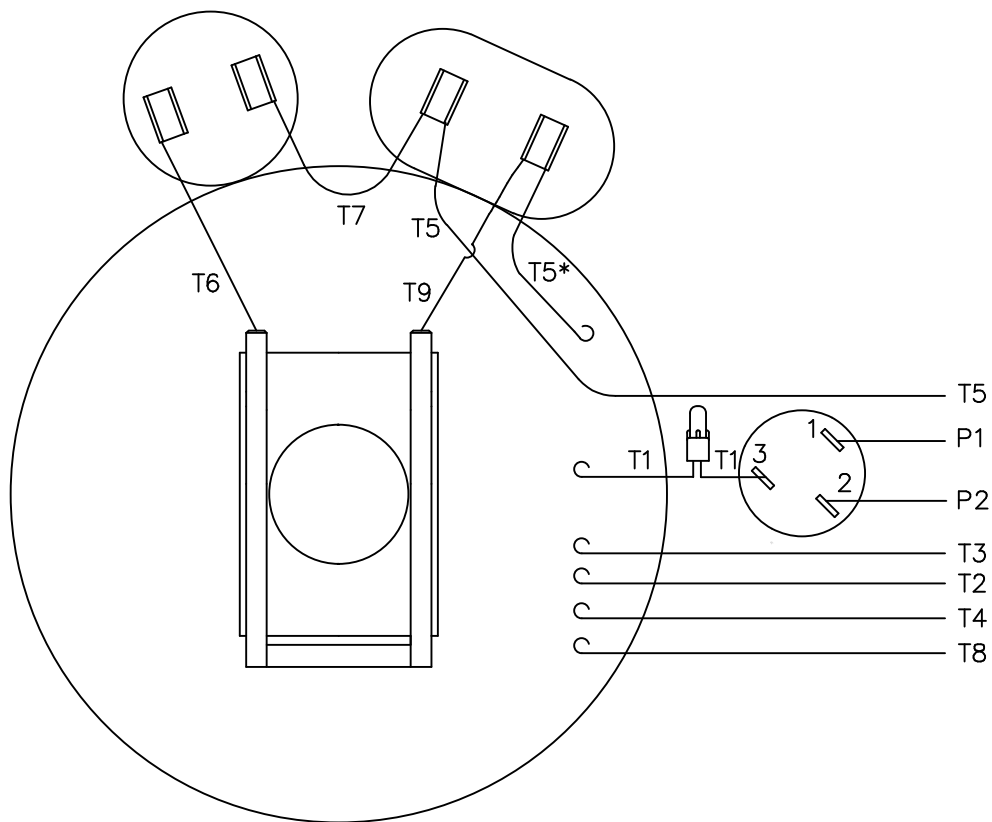


DASH NO.	"C"	"AD"	CAP DASH	"XO"
550	10.99	2.63		
600	11.49	3.13		
650	11.99	3.63		
700	12.49	4.13		
750	12.99	4.63	A	1.15
800	13.49	5.13	B	1.60
850	13.99	5.63	C	1.82

- NOTES:
1) MANUAL OVERLOAD PROTECTOR.
2) FLINGER ON SHAFT.
3) GASKETS THROUGHOUT.
4) DRAIN HOLE IN FRAME (BOTH ENDS).

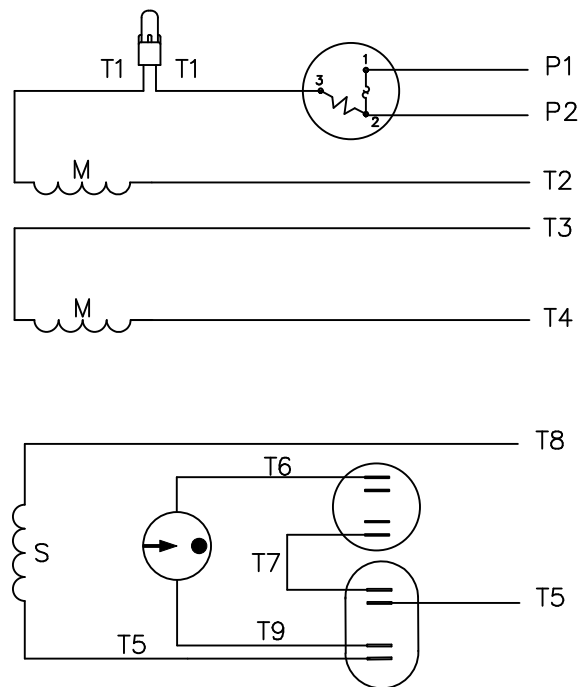
				TOLERANCES UNLESS SPECIFIED:	 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN DWF 11/05/07	
				DEC INCHES		CHK	
				X $\pm .1$		APPR	
				XX $\pm .03$	TITLE OUTLINE - 56 FRAME TEFC - RIGID	SCALE 1:2	
01 ADDED ITEM #550(113765.00), #600(113766.00), #650(113767.00) & ADDED NAMEPLATE VIEW				XXX $\pm .005$		REF 033677	
				XXXX $\pm .0005$	MATL	FMF 113768	
NO REVISION				CHK ANG $\pm 1/2^\circ$	FINISH	PAGE OF	
THIRD ANGLE PROJECTION				RFP	PREV	SIZE B	DRAWING NO 028809
				NETWORK FILE NAME			REV 01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



* THIS LEAD MAY BE WHITE

LINE LEADS



	ROTATION FACING LEAD END	L1	L2	JOIN	INSULATE SEPARATELY
HIGH VOLT	C.C.W.	P1	T4 T5	T2,T3 T8	P2
	C.W.	P1	T4 T8	T2,T3 T5	P2
LOW VOLT	C.C.W.	P1	T2,T4 T5	P2,T3 T8	-----
	C.W.	P1	T2,T4 T8	P2,T3 T5	-----

TOLERANCES
UNLESS SPECIFIED

DEC. INCHES

.X ±.1

.XX ±.01

.XXX ±.005

.XXXX ±.0005

ANG ±1/2"

REGAL-BELOIT *Motor Technologies Group*

DRAWN ADH 06/16/76

CHK WRK 06/30/76

APPD

SCALE 1=1

REF

FMF 6K17FB8A

PREV

04 ADDED "*" TO T5

RLW 7/22/02

03 REDRAWN ON CAD

DBT 05/27/97

NO. REVISION

BY & DATE

CHK

ANG ±1/2"

TITLE
EXTERNAL WIRING DIAGRAM
TYPE "K" W/PROTECTOR

MAT'L. DECAL 004011

FINISH

RFP

CAD FILE 00505302

SIZE

DRAWING NO.

REV.

DIST

A

005053-02

04

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



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

CERTIFICATION DATA SHEET

CATALOG #: 113767.00

CONN. DIAGRAM: 005053.02

OUTLINE: 028809-650

MOUNTING: F1 ONLY

WINDING #: K634342 FR 3 A

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
3/4	0.56	1800	1725	56	TEFC	J	NO DESIGN CODE

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
1	60	115/208-230	6.4/3.5-3.2	ACROSS THE LINE	CONTINUOUS	B4	1.15	40

FULL LOAD EFF:	82	3/4 LOAD EFF:	80.1	1/2 LOAD EFF:	74	GTD. EFF		ELEC. TYPE
FULL LOAD PF:	93	3/4 LOAD PF:	91.9	1/2 LOAD PF:	89.1	78.5		CAP START CAP RUN

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
2.24 LB-FT	48.6 / 24.3	6.36 LB-FT 283 %	5.95 LB-FT 265 %	35.1

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
0 dBA	10 dBA	0.1 LB-FT^2	0 LB-FT^2	10 SEC.	0	38 LBS.

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

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RIGID	HORIZONTAL	FALSE	NONE	FALSE	NONE	GREEN - LEESON WATTSaver

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	ODE						
BALL	BALL	POLYREX EM	STANDARD 56	NONE	NONE	1144 STRESSPROOF (C-223)	ROLLED STEEL
6203	6203						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	MANUAL	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

Model No 113767.00Catalog No 113767.00

LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Curve at

230

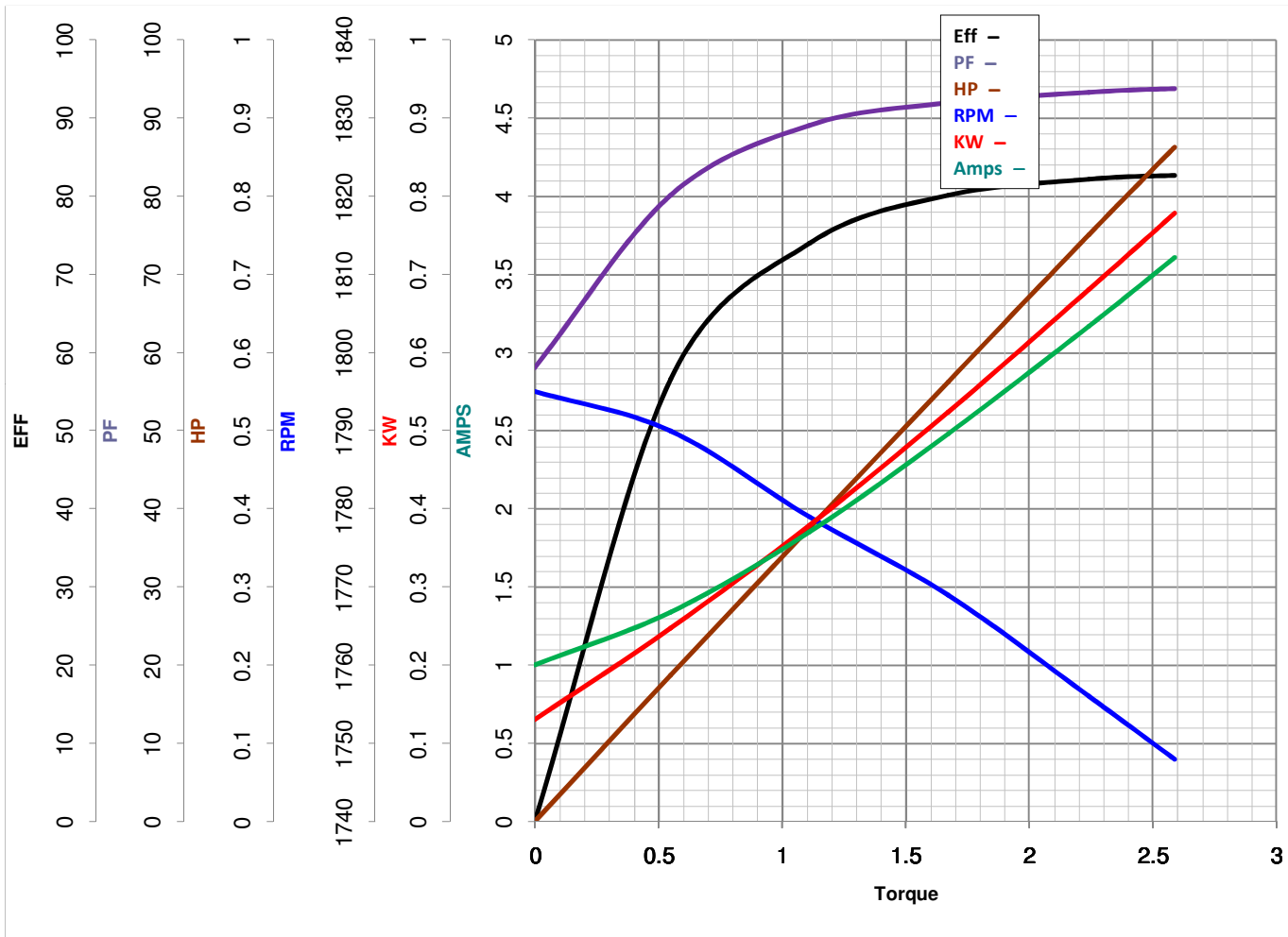
Volts

HP 0.76PHASE 160

HZ

0.75

HP

VOLTS 115/208-230HZ 60RPM 1725

Torque in Oz.Ft

FL TORQUE 35.84 Oz.FtBD TORQUE 95.2 Oz.FtLR TORQUE 101.8 Oz.Ft

WINDING K634342-3

FL AMPS 6.4/3.2PU TORQUE 87.5 Oz.FtLR AMPS 24.3

Date 4/12/2018