

PRODUCT INFORMATION PACKET



Model No: 113768.00

Catalog No: 113768.00

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

Operational at 115/208-230 V @60HZ



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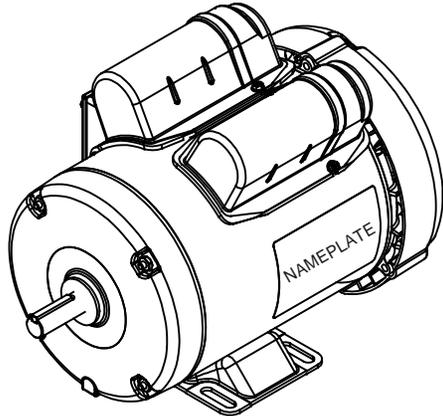
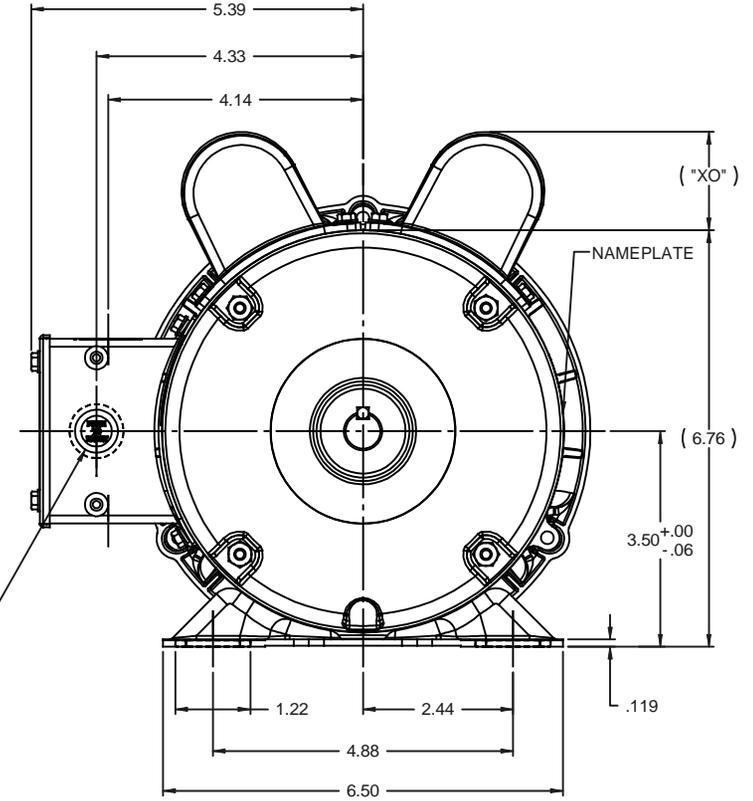
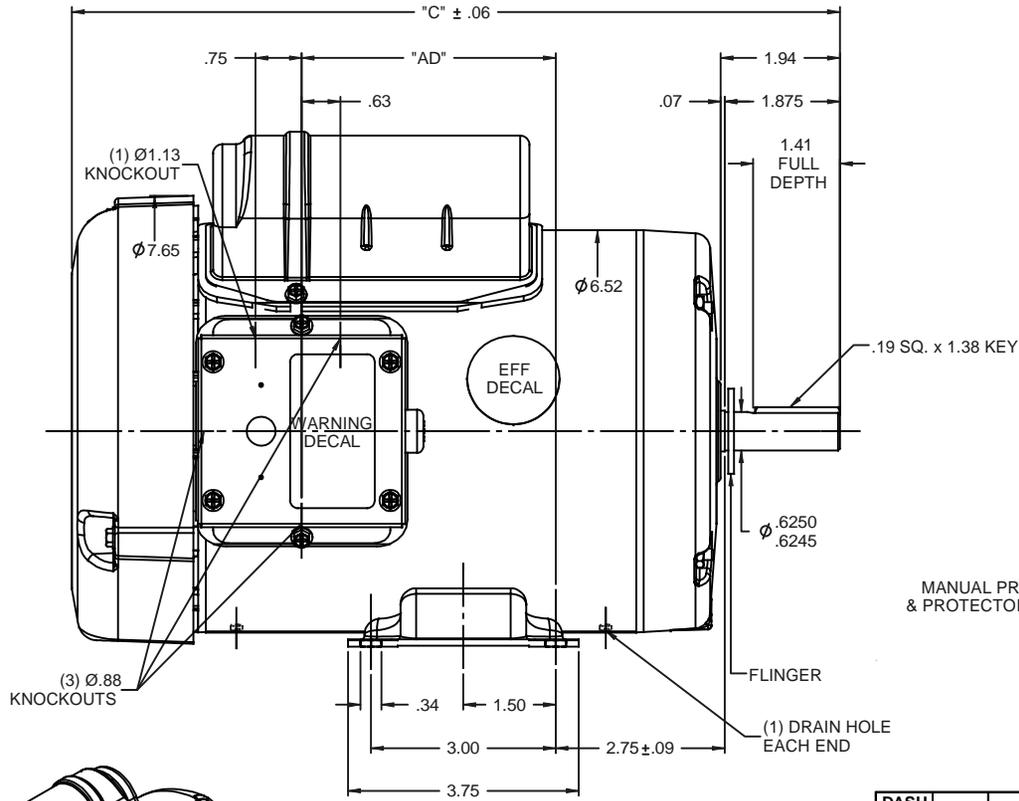


Nameplate Specifications

Phase	1	Output HP	1 Hp
Output KW	0.75 kW	Voltage	115/230 V
Speed	1725 rpm	Service Factor	1.15
Frame	56	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Manual	Efficiency	83 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	8.4/4.2 A	Power Factor	93
Duty	Continuous	Insulation Class	B
Design Code	L	KVA Code	J
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N	IP Code	54
Number of Speeds	1		

Technical Specifications

Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Resistance Main	0 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	12.49 in
Frame Length	7.00 in	Shaft Diameter	0.625 in
Shaft Extension	1.88 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	005053.02	Outline Drawing	028809-700B

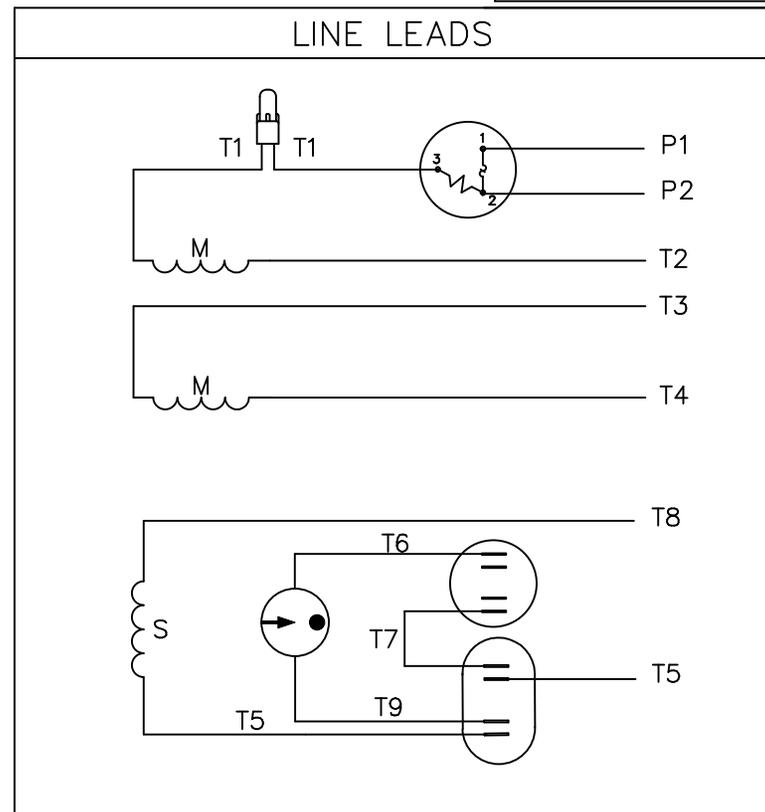
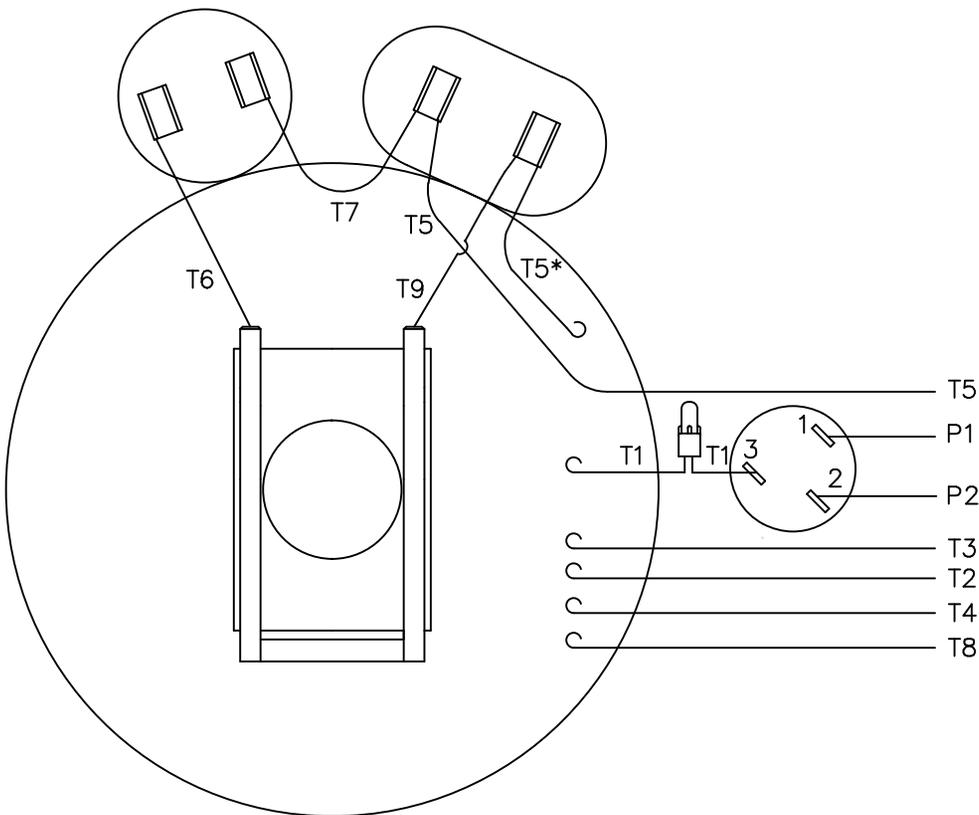


DASH NO.	"C"	"AD"	CAP DASH	"XO"
550	10.99	2.63		
600	11.49	3.13		
650	11.99	3.63		
700	12.49	4.13		
750	12.99	4.63	A	1.15
800	13.49	5.13	B	1.60
850	13.99	5.63	C	1.82

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

REVISION		BY & DATE	CHK	ANG	±1/2"	FINISH	PREV	SIZE	DRAWING NO	REV
01	ADDED ITEM #550(113765.00), #600(113766.00), #650(113767.00) & ADDED NAMEPLATE VIEW	GRB 12/15/2008	DJ	XXX	±.005	MATL		B	028809	01
TOLERANCES UNLESS SPECIFIED:		DEC		INCHES		 ELECTRIC MOTORS GEARMOTORS AND DRIVES				
		X		±.1		DRAWN DWF 11/05/07				
		XX		±.03		CHK				
		XXX		±.005		APPR				
		XXXX		±.0005		SCALE 1:2				
		RFP		±1/2"		REF 033677				
		RFP		±1/2"		FMF 113768				
		RFP		±1/2"		PAGE OF				
		RFP		±1/2"		REV				
		RFP		±1/2"		DRAWING NO				
		RFP		±1/2"		028809				
		RFP		±1/2"		REV				
		RFP		±1/2"		01				

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



	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	-----

* THIS LEAD MAY BE WHITE

		TOLERANCES UNLESS SPECIFIED	
		DEC.	INCHES
		.X	±.1
		.XX	±.01
04	ADDED "*" TO T5	RLW 7/22/02	.XXX ±.005
03	REDRAWN ON CAD	DBT 05/27/97	.XXXX ±.0005
NO.	REVISION	BY & DATE	CHK 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

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



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

CERTIFICATION DATA SHEET

CONN. DIAGRAM: 005053.02
OUTLINE: 028809-700B
WINDING #: K634338 FR 3 A

CATALOG #: 113768.00
MOUNTING: F1 ONLY

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1	0.75	1800	1725	56	TEFC	J	L

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
1	60	115/208-230	8.4/4.3-4.2	ACROSS THE LINE	CONTINUOUS	B4	1.15	40

FULL LOAD EFF:	83	3/4 LOAD EFF:	76.5	1/2 LOAD EFF:	69.9	GTD. EFF	ELEC. TYPE
FULL LOAD PF:	93	3/4 LOAD PF:	87.8	1/2 LOAD PF:	82.6	80	CAP START CAP RUN

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
48 OZ-FT	66.8 / 33.4	149.76 OZ-FT 312 %	125.28 OZ-FT 261 %	48

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
0 dBA	10 dBA	0.12 LB-FT^2	0 LB-FT^2	10 SEC.	0	36 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 WATTS AVER

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



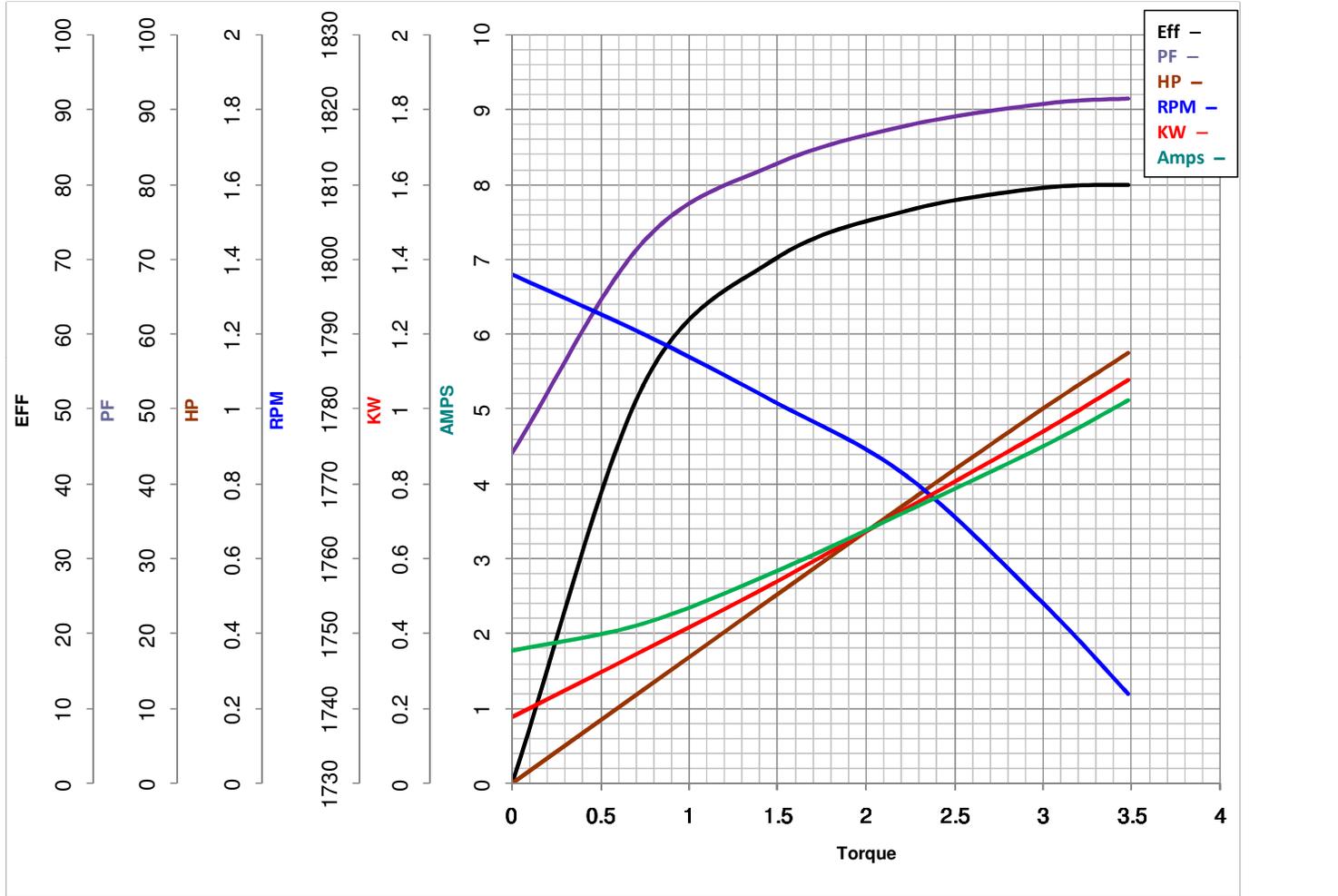
LEESON ELECTRIC CORPORATION
 TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 113768.00

Curve at 230 Volts HP 1.00 PHASE 1
60 HZ
1 HP VOLTS 115/208-230

Catalog No 113768.00

HZ 60 RPM 1725



Torque in Lb.Ft

FL TORQUE 3 Lb.Ft
 BD TORQUE 7.8 Lb.Ft
 LR TORQUE 9.36 Lb.Ft

FL AMPS 8.4/4.3-4.2
 PU TORQUE 6.7 Lb.Ft
 LR AMPS 33.4

WINDING K634338-3

Date 4/12/2018