

PRODUCT INFORMATION PACKET



Model No: 140816.00

Catalog No: 140816.00

General Purpose Farm Duty Motor, 10 HP, 1 Ph, 60 Hz, 230 V, 1800 & 1800 RPM, 215TVZ Frame, DPAO



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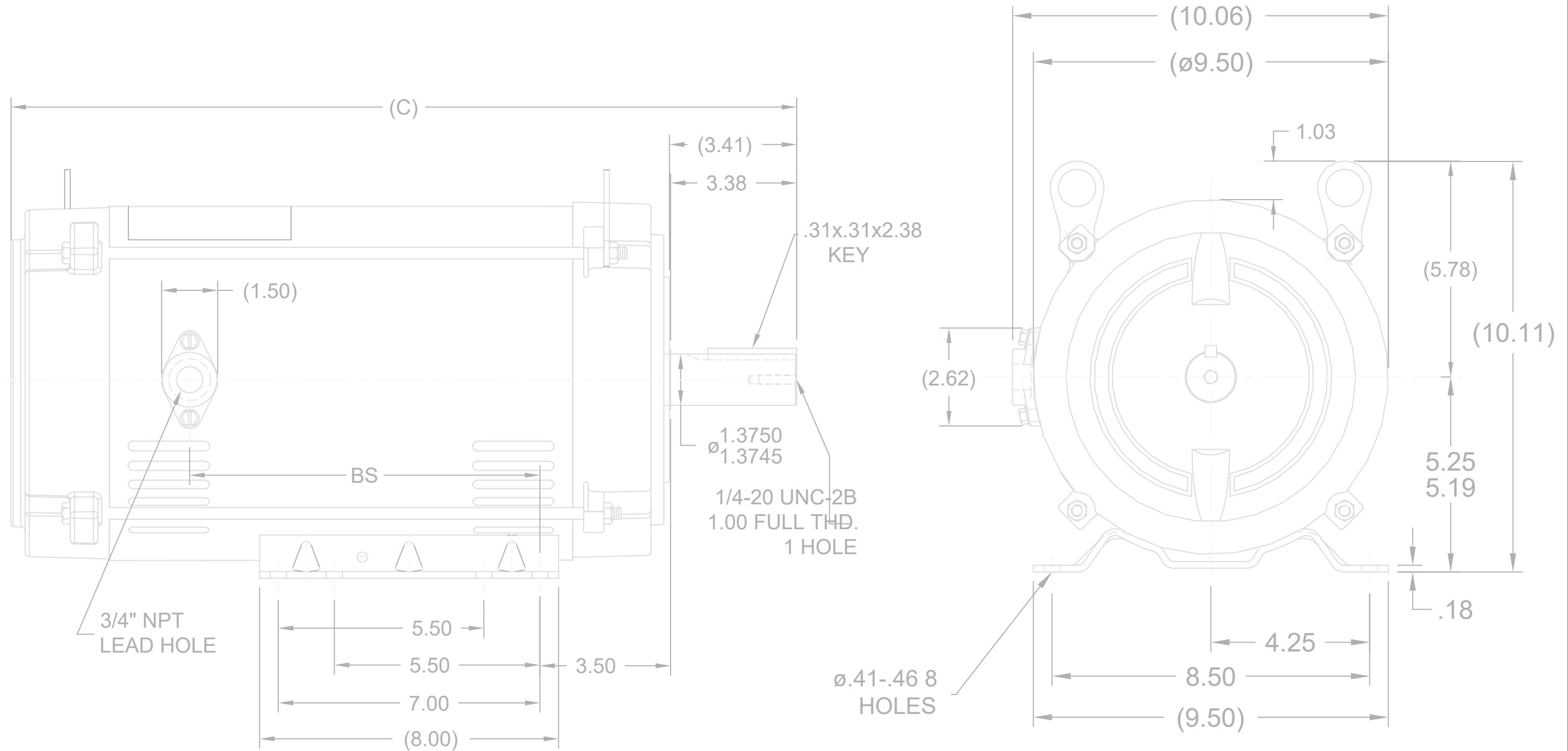


Nameplate Specifications

Phase	1	Output HP	10 Hp
Output KW	7.5 kW	Voltage	230 V
Speed	1730 r/min	Service Factor	1.15
Frame	215TVZ	Enclosure	Drip Proof Air Over
Thermal Protection	No Protection	Efficiency	82.5 %
Ambient Temperature	80 °C	Frequency	60 Hz
Current	44.0 A	Power Factor	89
Duty	Continuous	Insulation Class	H
Design Code	L	KVA Code	G
Drive End Bearing Size	6307	Opp Drive End Bearing Size	6206
UL	Recognized	CSA	Y
CE	N	IP Code	22
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 O	Mounting	Rigid Base
Motor Orientation	Shaft Up	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Single Special Extension	Overall Length	20.65 in
Frame Length	12.40 in	Shaft Diameter	1.375 in
Shaft Extension	3.38 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	EE9048MF-LE	Outline Drawing	SS89636LE-1240



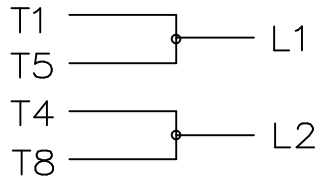
NOTES:

1. NAMEPLATE TO BE READ FROM LEAD EXIT SIDE OF MOTOR.

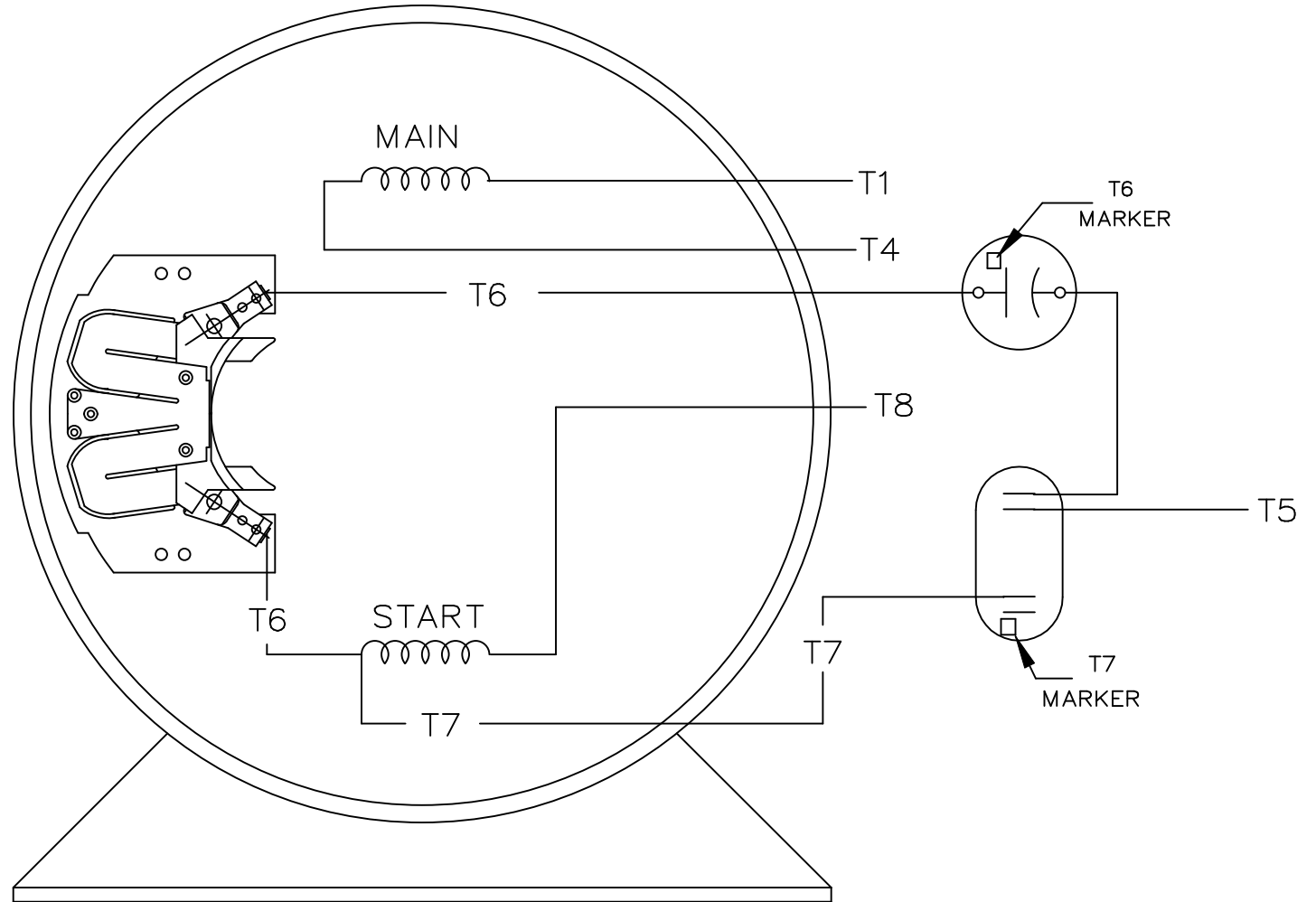
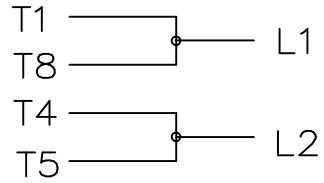
1240	215T	20.65	9.37
DASH	FRAME	C	BS

				TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN				
				DEC.	INCHES		KVN	06/18/2009			
				.X	± .1		CHK	SVL 06/18/2009			
03	UPDATED PER CR-0000175	SD	12/16/2020	SR	.XX	± .03	APPD	SVL 06/18/2009			
02	BS - DIMENSION REVISED	UD	08/26/13	ST	.XXX	± .005	SCALE	1=4			
01	ENDBELLS CHANGED TO CAST IRON	GR	03/28/13	ST	.XXXX	± .0005	REF	SS87033			
NO.	REVISION	BY & DATE	CHK	ANG	± 7'30"		FMF	MU91424			
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	SS89636LE	SIZE	DRAWING NO.	PAGE	OF	REV.
				DIST			A	SS89636LE			03

C.W. ROTATION




C.C.W. ROTATION



SINGLE VOLTAGE
CAPACITOR START
CAPACITOR RUN
REVERSIBLE

VIEW OF TERMINAL END

				TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN RJM 07-25-2002		
				DEC.	INCHES		CHK		
				.X	±.1		APPD		
				.XX	±.02		SCALE 1=1		
				.XXX	±.005		REF		
1	NEW DRAWING - DES/DEV	RJM		.XXXX	±.0005	MAT'L.	FMF		
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH	PREV		
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				DIST LB			A	EE9048MF-LE	1



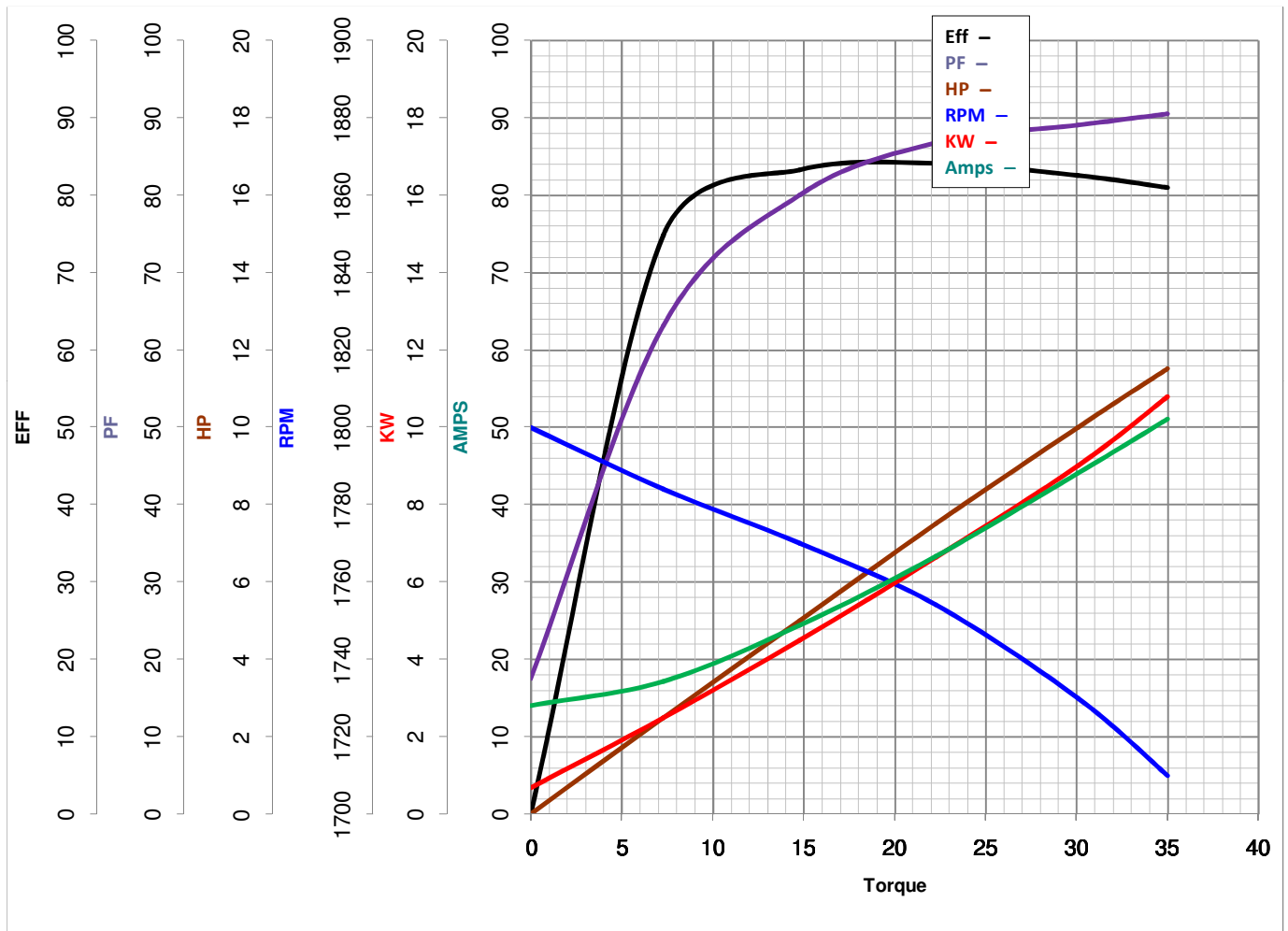
LEESON ELECTRIC CORPORATION TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 140816.00

Curve at 230 Volts HP 10.00 PHASE 1
60 HZ
10 HP VOLTS 230

Catalog No 140816.00

HZ 60 RPM 1730



Torque in Lb.Ft

FL TORQUE 30.1 Lb.Ft
BD TORQUE 67.5 Lb.Ft
LR TORQUE 47.4 Lb.Ft

FL AMPS 44
PU TORQUE 47.0 Lb.Ft
LR AMPS 260

WINDING BK104121-2

Date 4/10/2018