

PRODUCT INFORMATION PACKET



Model No: A6C34XK6B

Catalog No: 116608.00

1/2HP..3450RPM.56.EPFC./V.1PH.60HZ.CONT.AUTOMATIC.40C.1.0SF.RIGID.EXPLOSION
PROOF.A6C34XK6B

Explosion Proof



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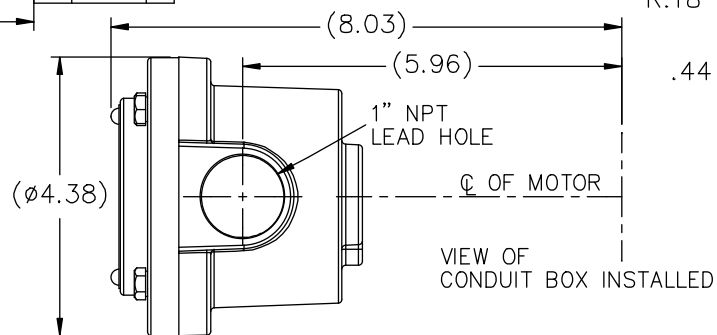
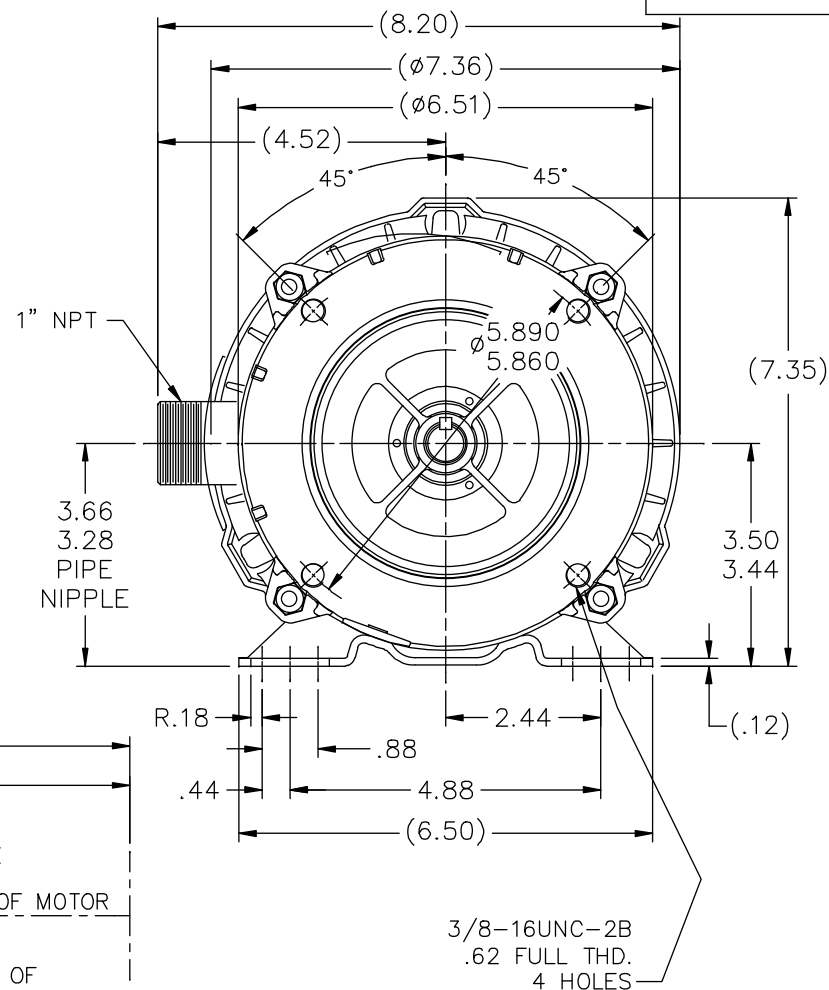
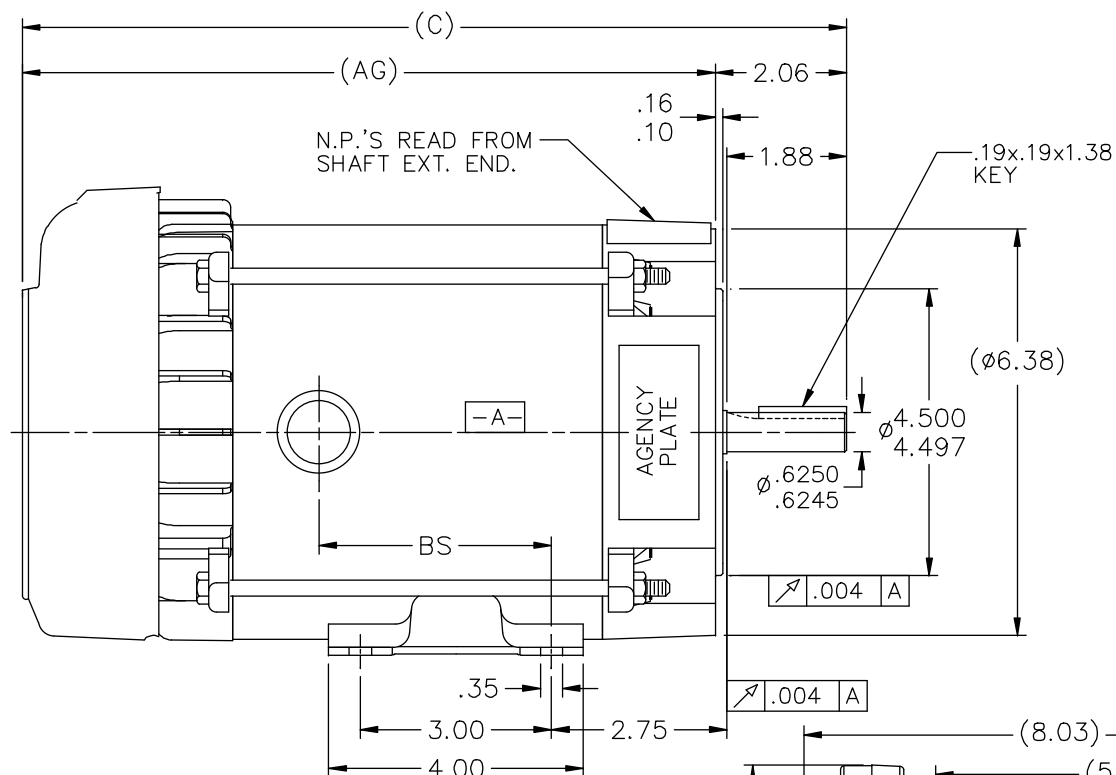


Nameplate Specifications

Output HP	0.50 Hp	Output KW	0.37 kW
Frequency	60 Hz	Voltage	115/208-230 V
Current	8.4/4.0-4.2 A	Speed	3450 rpm
Service Factor	1	Phase	1
Efficiency	59.5 %	Duty	Continuous
Insulation Class	B	Design Code	N
KVA Code	N	Frame	56C
Enclosure	Explosion Proof Fan cooled	Overload Protector	Automatic
Ambient Temperature	40 °C	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	N
IP Code	54		

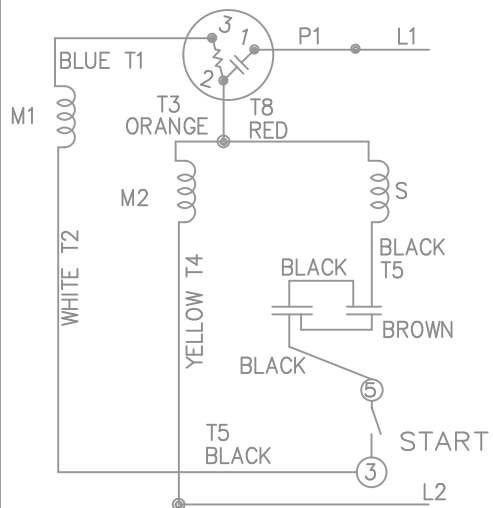
Technical Specifications

Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Selective Counterclockwise
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	13.44 in	Frame Length	6.31 in
Shaft Diameter	0.625 in	Shaft Extension	1.88 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	B-104191LE-631	Connection Diagram	A-102005-109LE

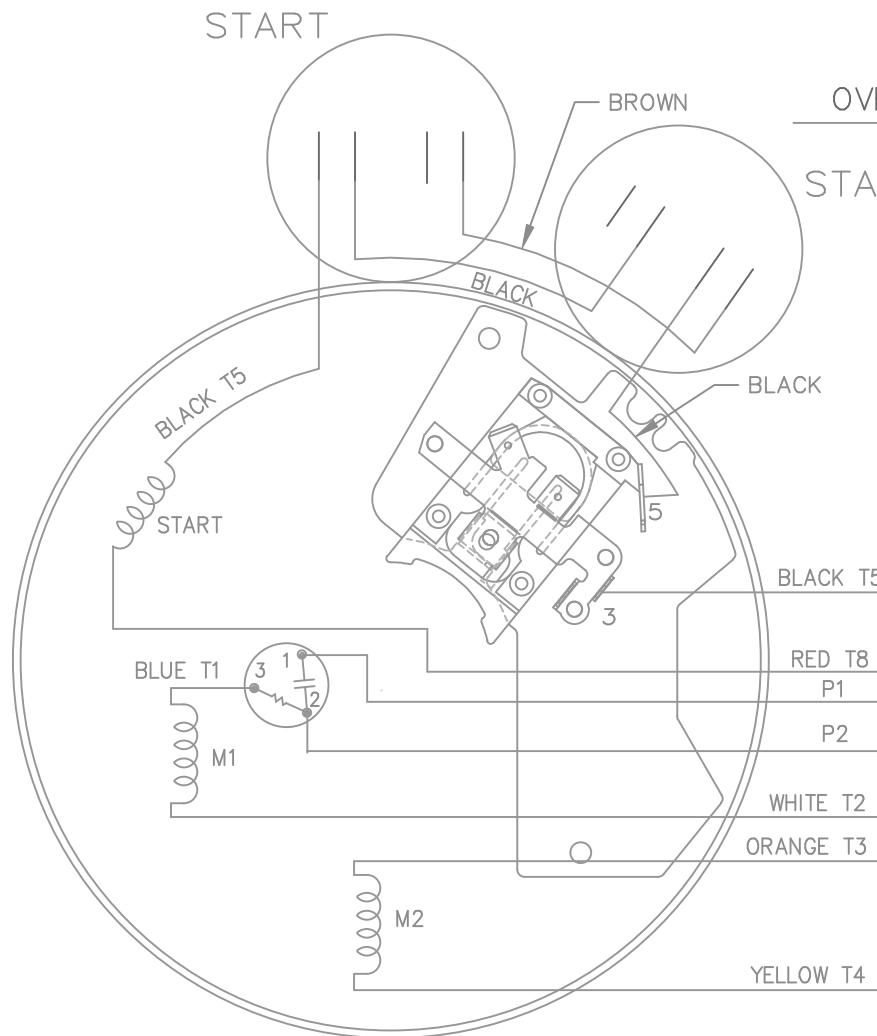
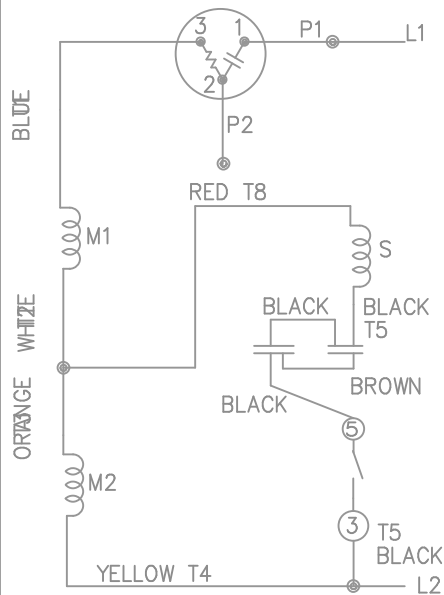


DASH	(C)	(AG)	BS		
631	13.44	11.38	4.15		
681	13.94	11.88	4.65		
731	14.44	12.38	5.15		
781	14.94	12.88	5.65		
831	15.44	13.38	6.15		
881	15.94	13.88	6.65		
931	16.44	14.38	7.15		
981	16.94	14.88	7.65		

				TOLERANCES UNLESS SPECIFIED		LEESON	ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN HLB 05-29-2002			
				DEC.	INCHES			CHK	ML	05-31-2002	
3	COND. BOX INSTALLED VIEW UPDATED PER ECR-0044571	UD	10/15/13	ST	.X	±.1	TITLE OUTLINE - 'C' FACE 56 FR. - EXP. PR.	APPD SAS 05-31-2002			
2	REVISED C'BOX PER CN 40784A	JJB	02/26/2007	ML	.XX	±.03		SCALE 1=2			
1	NEW DRAWING	HLB	05-31-2002		.XXX	±.005		REF			
NO.				BY & DATE	CHK	ANG	±1/2'	FINISH	PREV		
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						DIST	WP	B	104191LE	3	REV.



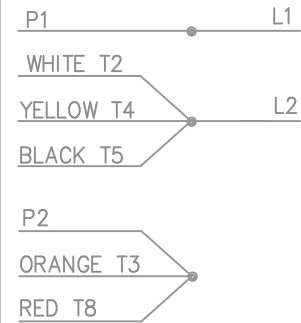
HIGH VOLTAGE - C.C.W.



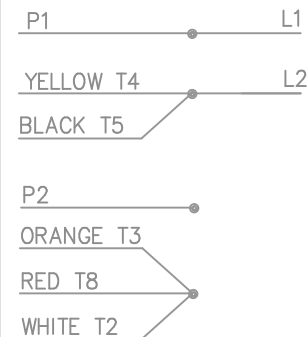
DUAL VOLTAGE
CAPACITOR START
OVERLOAD SELECT ROT.

START

LOW VOLT. - C.C.W. ROT.



HIGH VOLT. - C.C.W. ROT.



FOR C.W. ROTATION
EITHER VOLTAGE
INTERCHANGE RED(T8)
WITH BLACK(T5) LEAD

			TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN MJD 02-11-1998		
			DEC.	INCHES		CHK ML 02-19-1998		
			.X	± -		APPD DAR 02-23-1998		
			.XX	± -		SCALE 5=8		
			.XXX	± -		REF		
			.XXXX	± -	TITLE CONNECTION DIAGRAM	FMF		
			ANG	± -		PREV		
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RFP
DIST WP

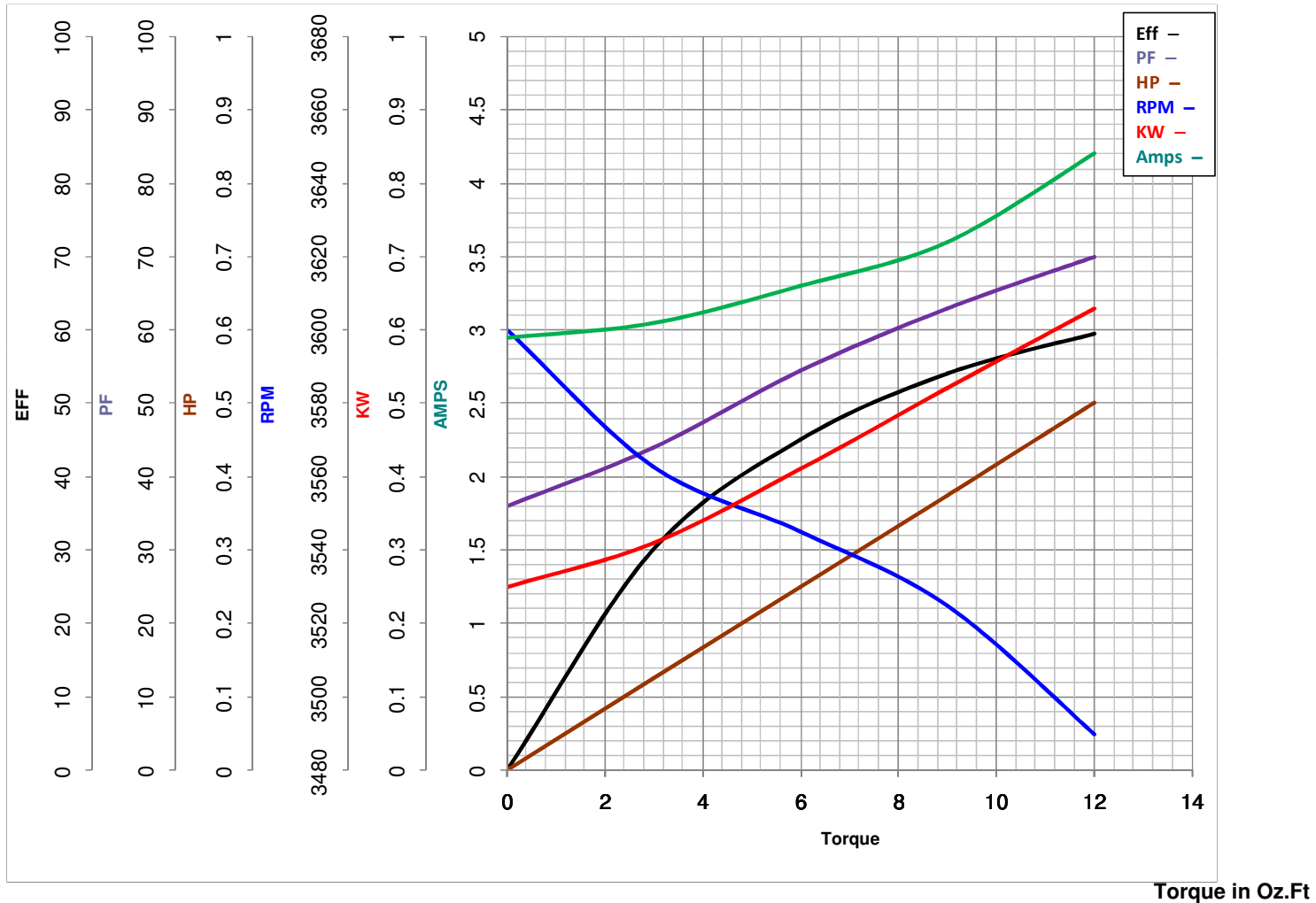
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REV.



LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 116608.00Curve at 230
60
0.5Volts
HZ
HPHP 0.50PHASE 1VOLTS 115/208-230Catalog No 116608.00HZ 60RPM 3450

FL TORQUE 12 Oz.Ft
 BD TORQUE 37.5 Oz.Ft
 LR TORQUE 46 Oz.Ft

FL AMPS 8.4/4-4.2
 PU TORQUE 35.2 Oz.Ft
 LR AMPS 24.8

WINDING ZC280-3

Date 3/14/2018