PRODUCT INFORMATION PACKET

Model No: M6C34DB13H

Catalog No: 110222.00

3HP..3450RPM.56.DP./230V.1PH.60HZ.CONT.MANUAL.40C.1.15SF.RIGID.COMPRESSOR DUTY.M6C34DB13H

Air Compressor



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Nameplate Specifications

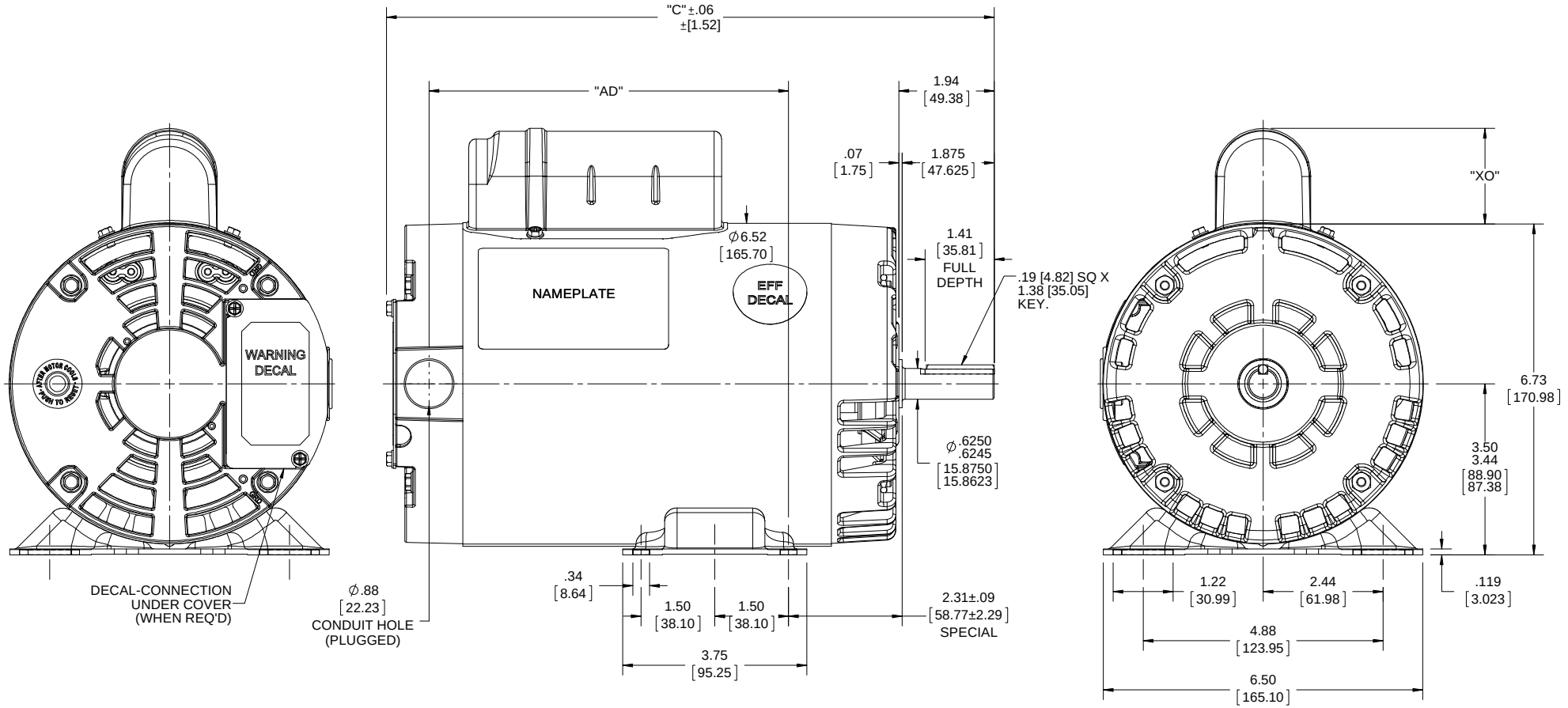
Output HP	**3 Hp**	Output KW	**2.2 kW**
Frequency	**60 Hz**	Voltage	**230 V**
Current	**15.0 A**	Speed	**3450 rpm**
Service Factor	**1.15**	Phase	**1**
Efficiency	**76 %**	Duty	**Continuous**
Insulation Class	**F**	Design Code	**L**
KVA Code	**G**	Frame	**56Y**
Enclosure	**Drip Proof**	Overload Protector	**Manual**
Ambient Temperature	**40 °C**	Drive End Bearing Size	**6205**
Opp Drive End Bearing Size	**6203**	UL	**Recognized**
CSA	**Y**	CE	**N**
IP Code	**22**		

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	**12.28 in**	Frame Length	**7.50 in**
Shaft Diameter	**0.625 in**	Shaft Extension	**1.87 in**
Assembly/Box Mounting	**F1 ONLY**		
Outline Drawing	**029079-750B**	Connection Diagram	**005028.03**

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DASH NO.	"C"	"AD"	CAP DASH.	"XO"
750	12.37 [314.19]	7.31 [185.67]	B	1.95 [49.53]

DRAWING REVISION: A	REVISION BY	DATE
ECO: ECO-0140840	APPROVED BY	DATE
ECO DESCRIPTION: OUTLINE CONVERSION PROJECT		

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TOLERANCES UNLESS OTHERWISE SPECIFIED:

DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±0.5°
.XX	±0.03	[±0.76]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	

REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.076/.381] X 45°
CORNER FILLETS: R.02 [.51]
MACHINED SURFACES: 125 INCH / 3.2 mm
mm SHOWN IN [BRACKETS]

DRAWN BY	A SUPPANNAVAR
DATE	01/22/2018
APPROVED BY	PK
DATE	03/08/2018
REFERENCE	028550
THIRD ANGLE PROJECTION	

Regal Beloit America, Inc.

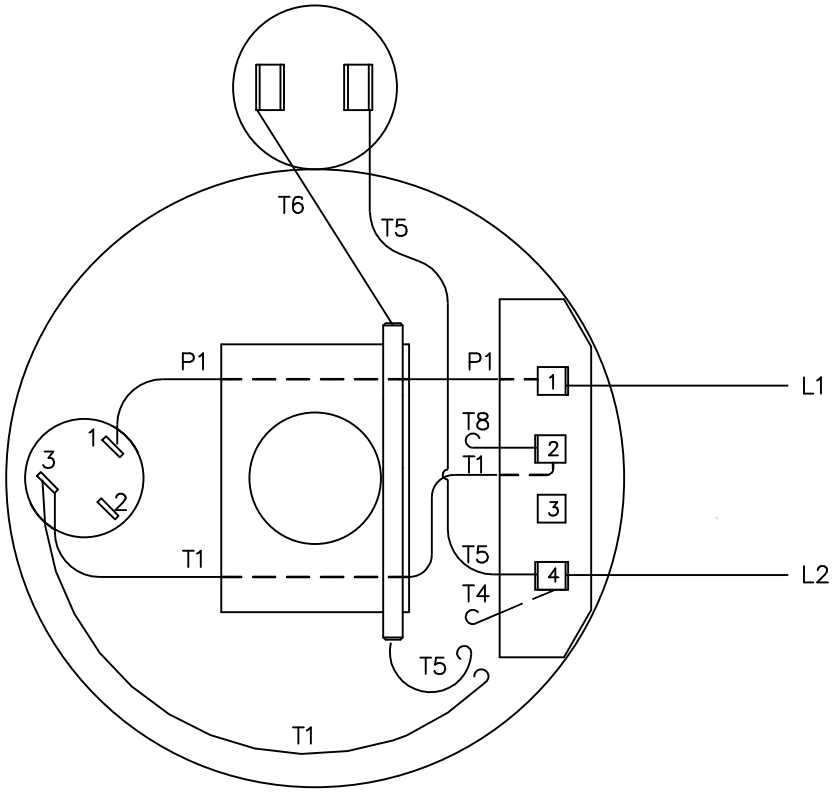
DESCRIPTION: OUTLINE
56Y FRAME DRIP PROOF-RIGID

MATERIAL: COMPRESSOR DUTY
PROCESS/FINISH:

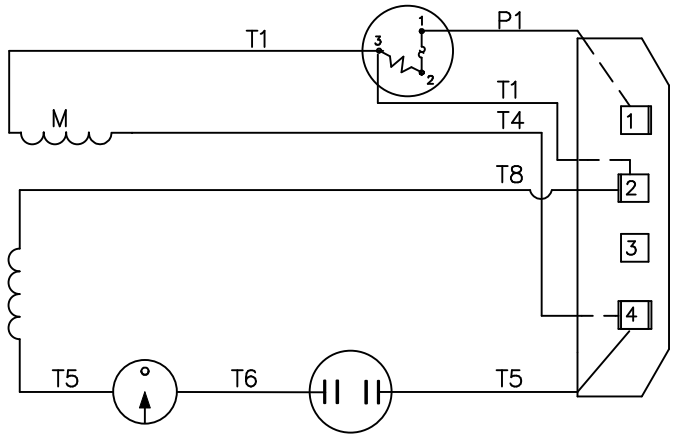
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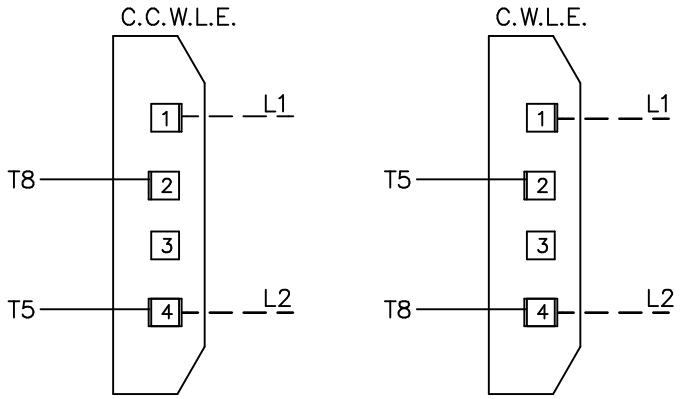
005028-03

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS





				TOLERANCES UNLESS OTHERWISE SPECIFIED		**LEESON** ELECTRIC CORPORATION		
				DECIMALS				
				.00	± .01	DRAWN WLW 06/24/77	TITLE	EXTERNAL WIRING DIAGRAM TYPE "C" W/ PROTECTOR
				.000	± .005	CH'K'D. TEM		
03	REDRAWN ON CAD	DBT	06/16/97	.0000	± .0005	APPR. 06/29/77	MAT'L.	DECAL – 004112 BRF
NO.	REVISION	BY	DATE	FRACTIONS	± 1/64	SCALE 1=1		
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				ANGLES	± 1/2°	REF. C4G	FINISH	SIZE A / DRAWING NO. 005028-03
				INCH/MM		FMF A4C17DR20		

LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

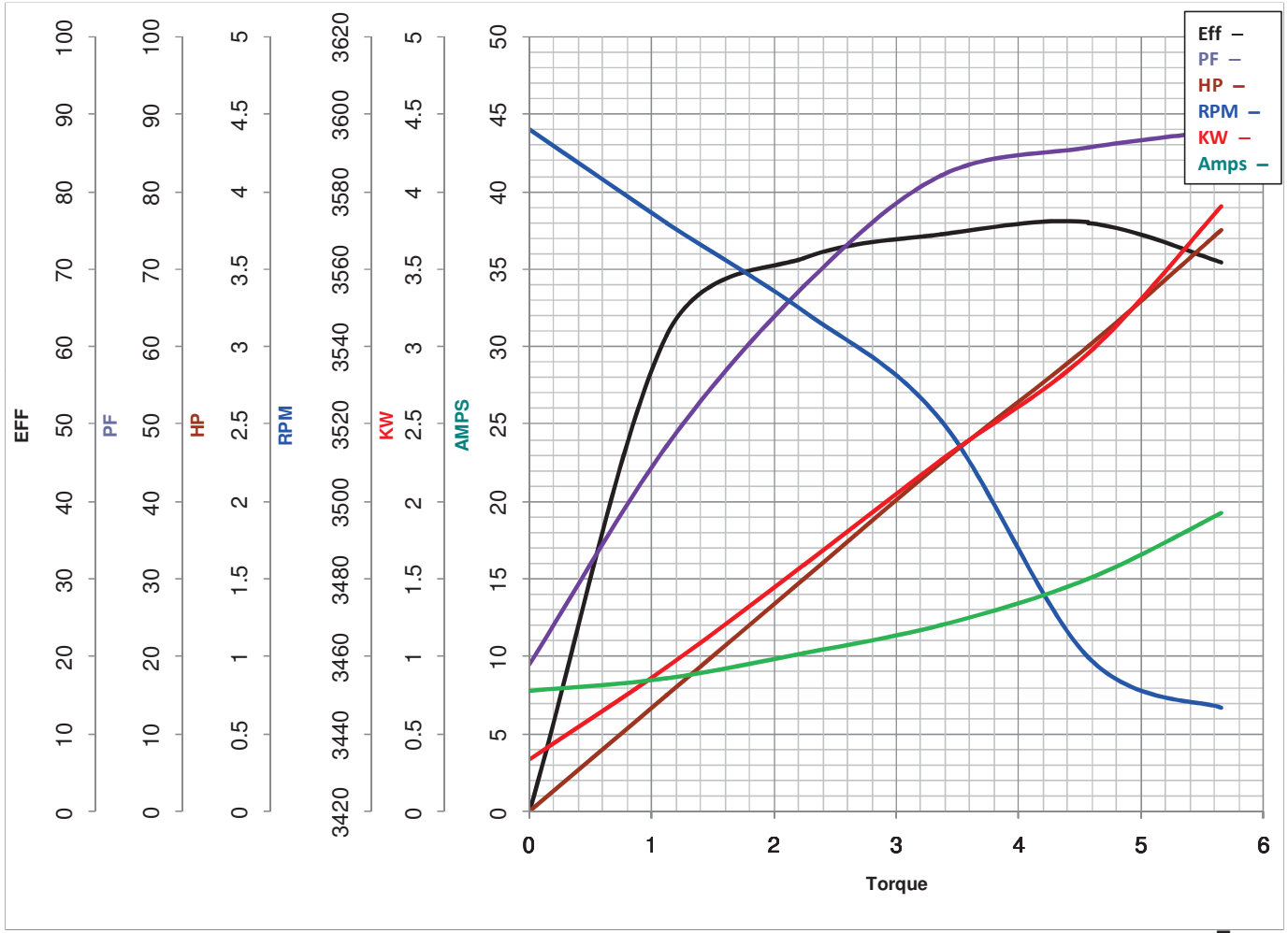
Curve at 230 **Volts** **HP** 3.00 **PHASE** 1

60 **HZ**

3 **HP** **VOLTS** 230

Model No 110222.00

Catalog No 110222.00 **HZ** 60 **RPM** 3450



Torque in Lb.Ft

FL TORQUE	4.57	**Lb.Ft**	**FL AMPS**	15	
BD TORQUE	8.9	**Lb.Ft**	**PU TORQUE**	7.8	**Lb.Ft**
LR TORQUE	8.3	**Lb.Ft**	**LR AMPS**	78	
WINDING	C632214-2			**Date**	**4/23/2018**

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