

# PRODUCT INFORMATION PACKET



Model No: C143C17DB3J

Catalog No: 120044.00

..1HP..1740RPM.143.DP.115/208-230V.1PH.60HZ.CONT.40C.1.15SF.RIGID.C143C17DB3J.....GENERAL  
PURPOSE.NOT.....

Air Compressor



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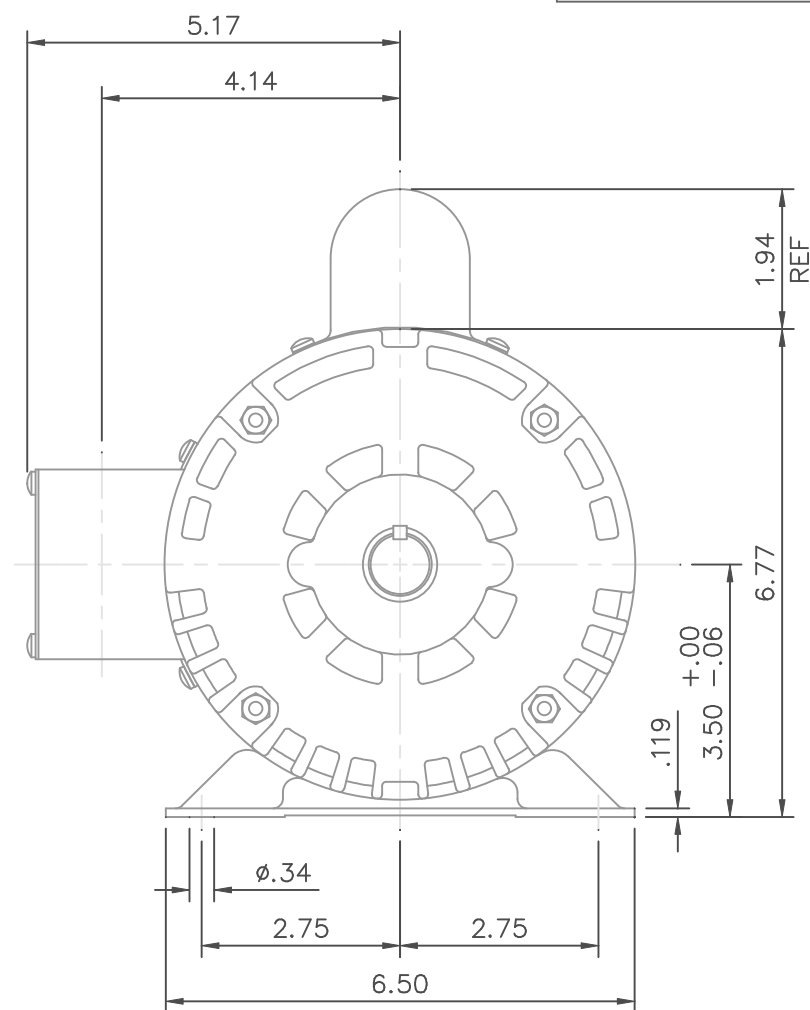
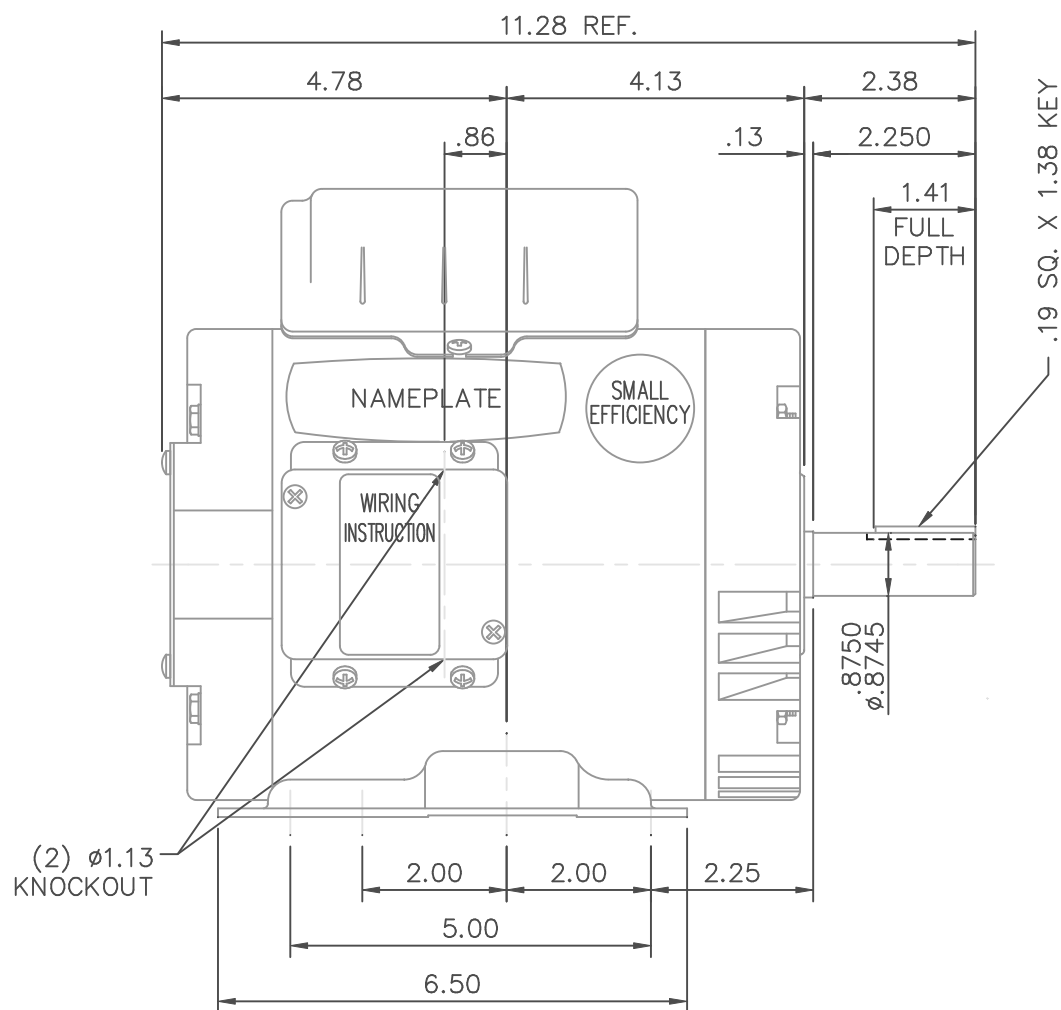


## Nameplate Specifications

Output HP	1 Hp	Output KW	0.75 kW
Frequency	60 Hz	Voltage	115/208-230 V
Current	12.8/6.4 A	Speed	1740 rpm
Service Factor	1.15	Phase	1
Efficiency	75 %	Duty	Continuous
Insulation Class	B	Design Code	L
KVA Code	K	Frame	143T
Enclosure	Drip Proof	Overload Protector	No
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

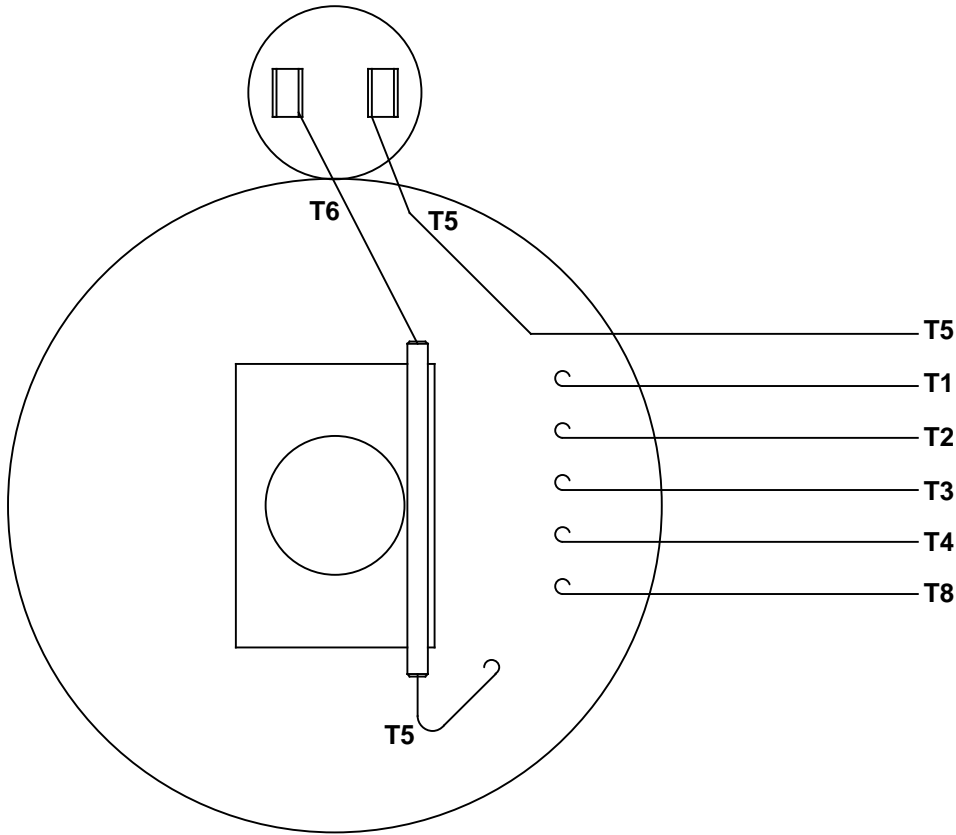
Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Mounting	Rigid base	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	T
Overall Length	11.28 in	Frame Length	6.00 in
Shaft Diameter	0.875 in	Shaft Extension	2.25 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	OL120044	Connection Diagram	005005.01



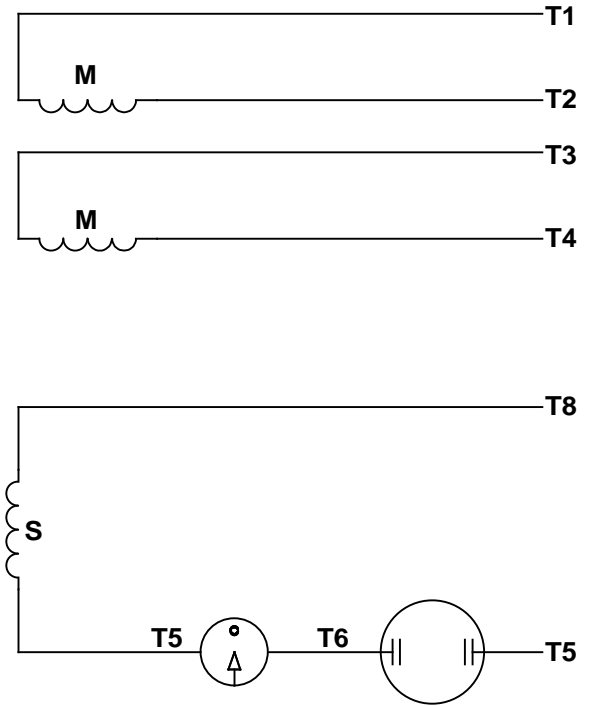
				TOLERANCES UNLESS OTHERWISE SPECIFIED			<b>LEESON</b> ELECTRIC CORPORATION		
				DEC.	INCHES	METRIC			
				.X	±.1	±2.5	DRAWN RDW 02/19/01	TITLE OUTLINE – 143T FRAME DRIP PROOF – RIGID	
				.XX	±.03	±.76	APPR. DWF 02/19/01		
				.XXX	±.005	±.127	R.F.P. 02/19/01	MAT'L.	
				.XXXX	±.0005	±.0127	SCALE 3=8		
NO.	REVISION	BY & DATE	CH'K'D.	FRACTIONS	±1/64	REF. 033101	FINISH	REV.	DRAWING NO.
				ANGLES	±1/2°	FMF	STOCK		OL120044

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VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.


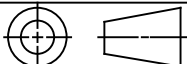


LINE LEADS



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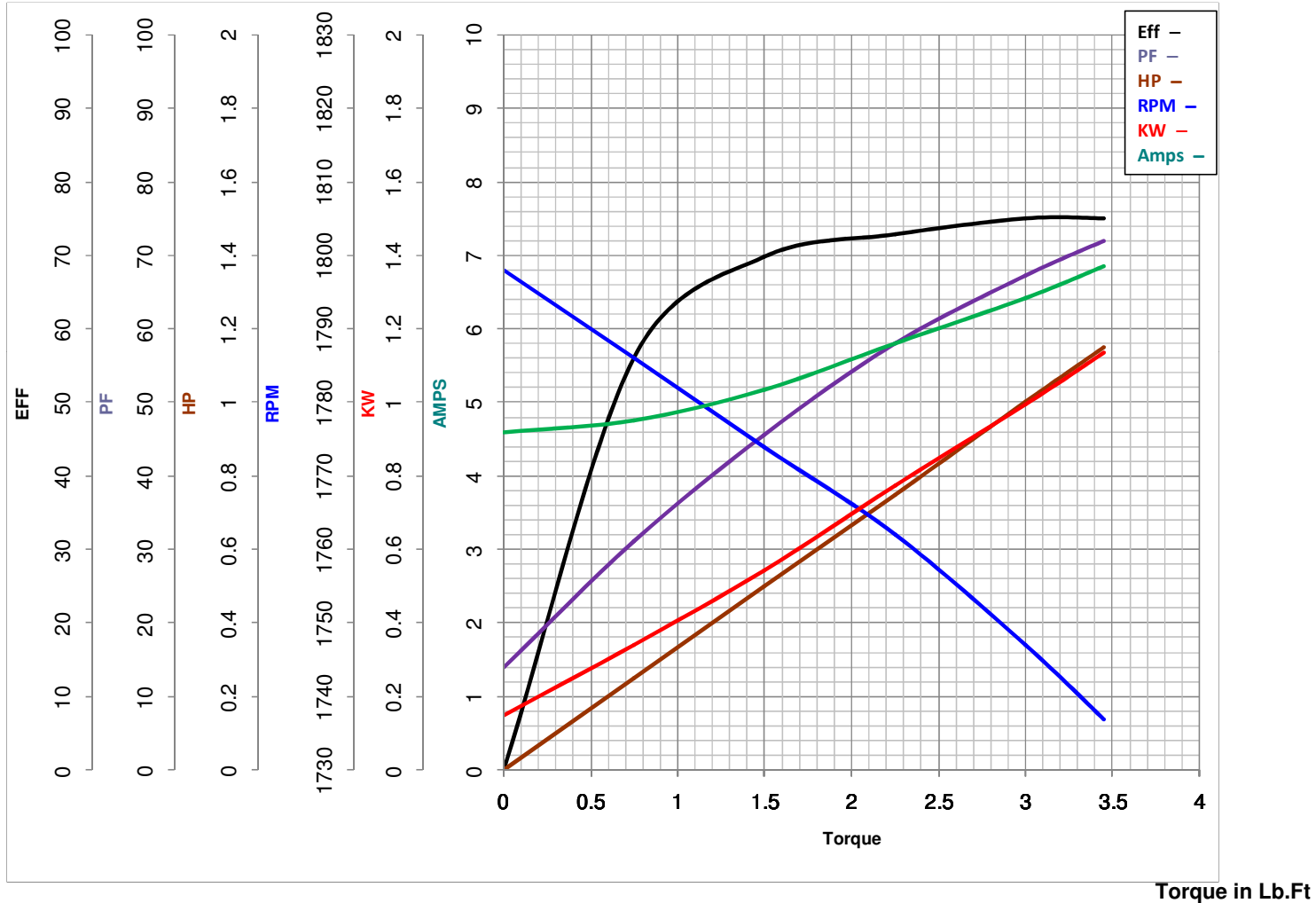
	ROTATION FACING LEAD END	L1	L2	JOIN
HIGH VOLT	C.C.W.	T1	T4, T5	T2, T3, T8
	C.W.	T1	T4, T8	T2, T3, T5
LOW VOLT	C.C.W.	T1, T3, T8	T2, T4, T5	-----
	C.W.	T1, T3, T5	T2, T4, T8	-----

--	REDRAWN IN SOLIDWORKS	VJB 02/16/11		TOLERANCES UNLESS SPECIFIED			ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN ADH 08/06/73		
27	UPDATED TO CURRENT STANDARDS	DBT 05/27/97		DEC	INCHES			CHK		
26	ADDED PAGE 32 (114787) & PAGE 33 (114788)	KAZ 12/20/95	PG	.X	±.1	TITLE EXTERNAL WIRING DIAGRAM TYPE "C" W/O PROTECTOR		APPR JCW 03/09/79		
25	ADDED PAGE 31	KAZ 04/19/95	DL	.XX	±.01			SCALE 1:1		
24	ADDED PAGES 29 & 30	KMM 03/30/95	DL	.XXX	±.005	MAT'L DECAL - 004012		REF FIG 2-23 C4A		
23	ADDED PAGE 28	KMM 01/27/95		.XXXX	±.0005			FMF MGI-2.4B		
NO	REVISION	BY & DATE	CHK	ANG	±1/2°	FINISH		PAGE OF		
<div>THIRD ANGLE PROJECTION</div> 			RFP		PREV		SIZE	DRAWING NO		REV
			NETWORK FILE NAME 00500501				A	005005-01		--



# LEESON ELECTRIC CORPORATION

## TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 120044.00Curve at 230  
60  
1Volts  
HZ  
HPHP 1.00PHASE 1VOLTS 115/208-230Catalog No 120044.00HZ 60RPM 1740

FL TORQUE 3 Lb.Ft  
 BD TORQUE 6.9 Lb.Ft  
 LR TORQUE 9 Lb.Ft

FL AMPS 12.8/6.4  
 PU TORQUE 6.7 Lb.Ft  
 LR AMPS 33

WINDING C634256-3

Date 5/2/2018