

PRODUCT INFORMATION PACKET



Model No: C145K34NB1G

Catalog No: 120376.00

..3HP..3450RPM.145T.TENV.230V.1PH.60HZ.AIROVER.40C.1.0SF.RIGID.C145K34NB1G.....AG - FAN & BLOWER.NOT.....

Agricultural



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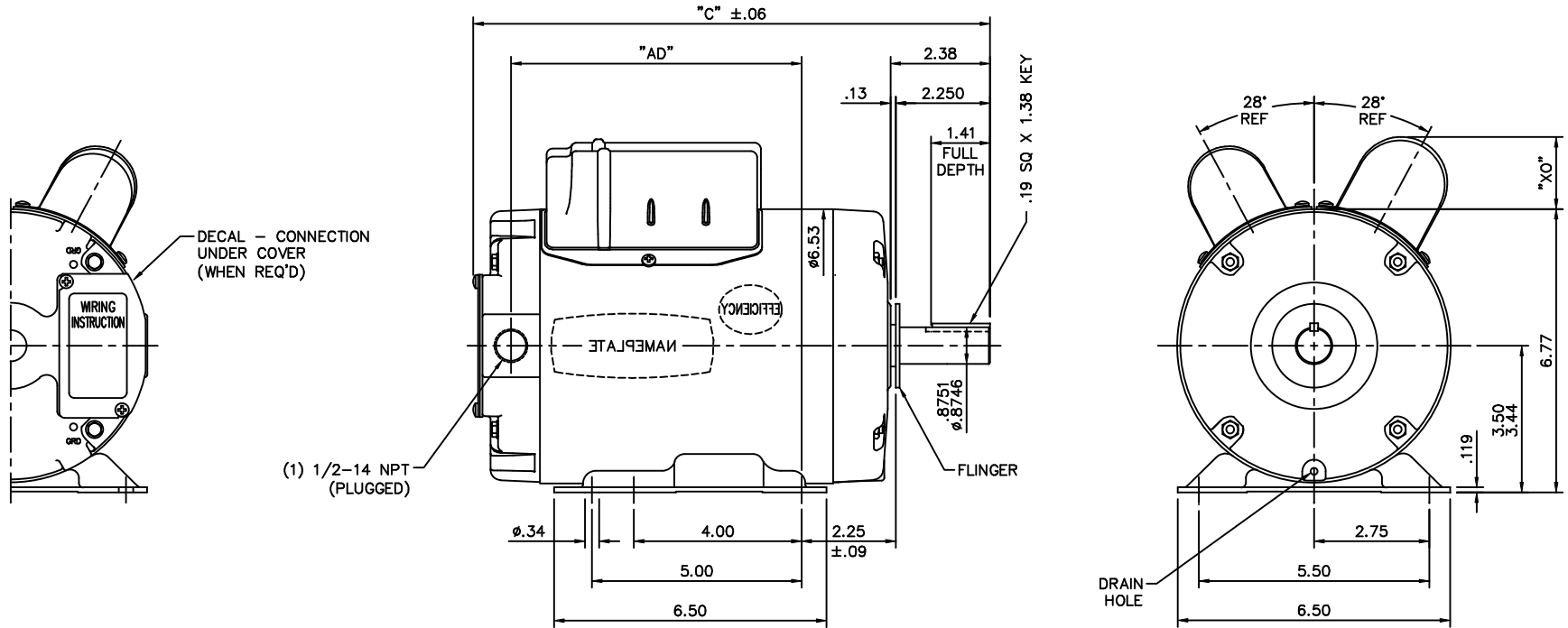


Nameplate Specifications

Output HP	3 Hp	Output KW	2.2 kW
Frequency	60 Hz	Voltage	230 V
Current	12.8 A	Speed	3450 rpm
Service Factor	1	Phase	1
Efficiency	82.5 %	Duty	Continuous
Insulation Class	F	Design Code	L
KVA Code	J	Frame	145T
Enclosure	Totally Enclosed Air Over	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	43		

Technical Specifications

Electrical Type	Capacitor Start Capacitor 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	T
Overall Length	13.84 in	Frame Length	8.50 in
Shaft Diameter	0.875 in	Shaft Extension	2.25 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	028649-850B	Connection Diagram	005018.09



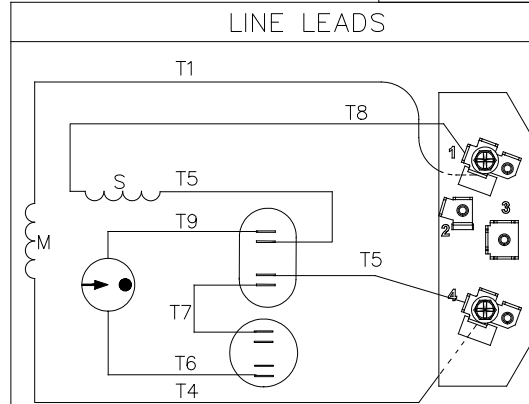
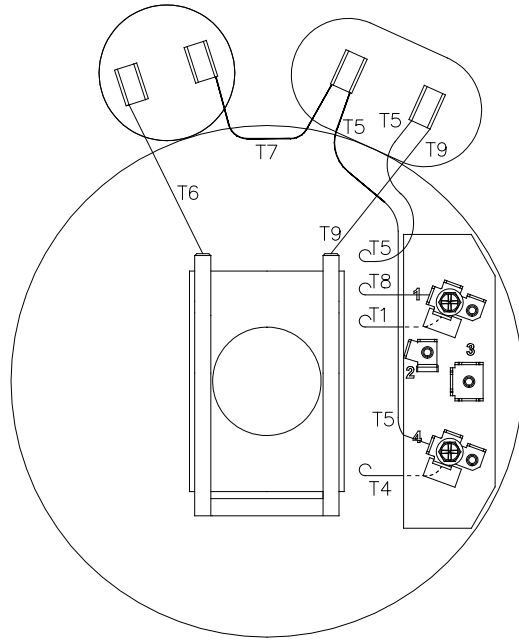
DASH NO.	"C"	"AD"	CAP. DASH	"XO"
650	11.84	6.44	A	1.06
700	12.34	6.94	B	1.51
750	12.84	7.44	C	1.73
800	13.34	7.94		
850	13.84	8.44		

GASKETS THROUGHOUT

NO.		REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH	ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN	RDW 10/27/04			
TOLERANCES UNLESS SPECIFIED										CHK				
DEC. INCHES										APPD	SW 10/27/04			
.X ±.1										TITLE	SCALE	3=8		
.XX ±.03										REF				
.XXX ±.005										FMF	120376			
.XXXX ±.0005								MAT'L	PREV					
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	10/27/04	CAD FILE	028649	SIZE	DRAWING NO.	REV.
								DIST	BRF	B	028649			

005018-09

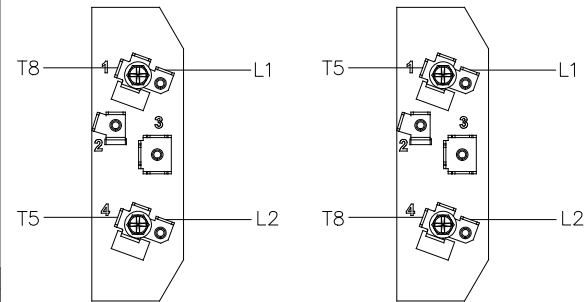
VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



CONNECT T1 & T4 LEADS TO UNDERSIDE OF TERMINAL BOARD

C.C.W.LE ROTATION

C.W.LE ROTATION



ORACLE REV
005

				TOLERANCES UNLESS OTHERWISE SPECIFIED		LEESON ELECTRIC CORPORATION			
				DECIMALS					
E	ADDED NOTE FOR T1 & T4 PER ECO-0138106	ARV	1/17/18	.00	± .01	DRAWN PG 10/20/82	TITLE	EXTERNAL WIRING DIAGRAM	
D	UPDATED DRAWING PER ECO-0138043	ARV	1/16/18	.000	± .005	CH'K'D. RPB 10/20/82		TYPE "K" W/O PROTECTOR	
C	UPDATED DRAWING PER ECO-0085728	ARV	09/24/15	.0000	± .0005	APPR. JCW 10/20/82	MAT'L.	DECAL -	
NO.	REVISION	BY	DATE	FRACTIONS	± 1/64	SCALE	1=1	BRF	
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.	005018-P5	FINISH	TAYLOR
				INCH/MM		FMF		SIZE	A



LEESON ELECTRIC CORPORATION
 TYPICAL PERFORMANCE CURVE for AC MOTOR

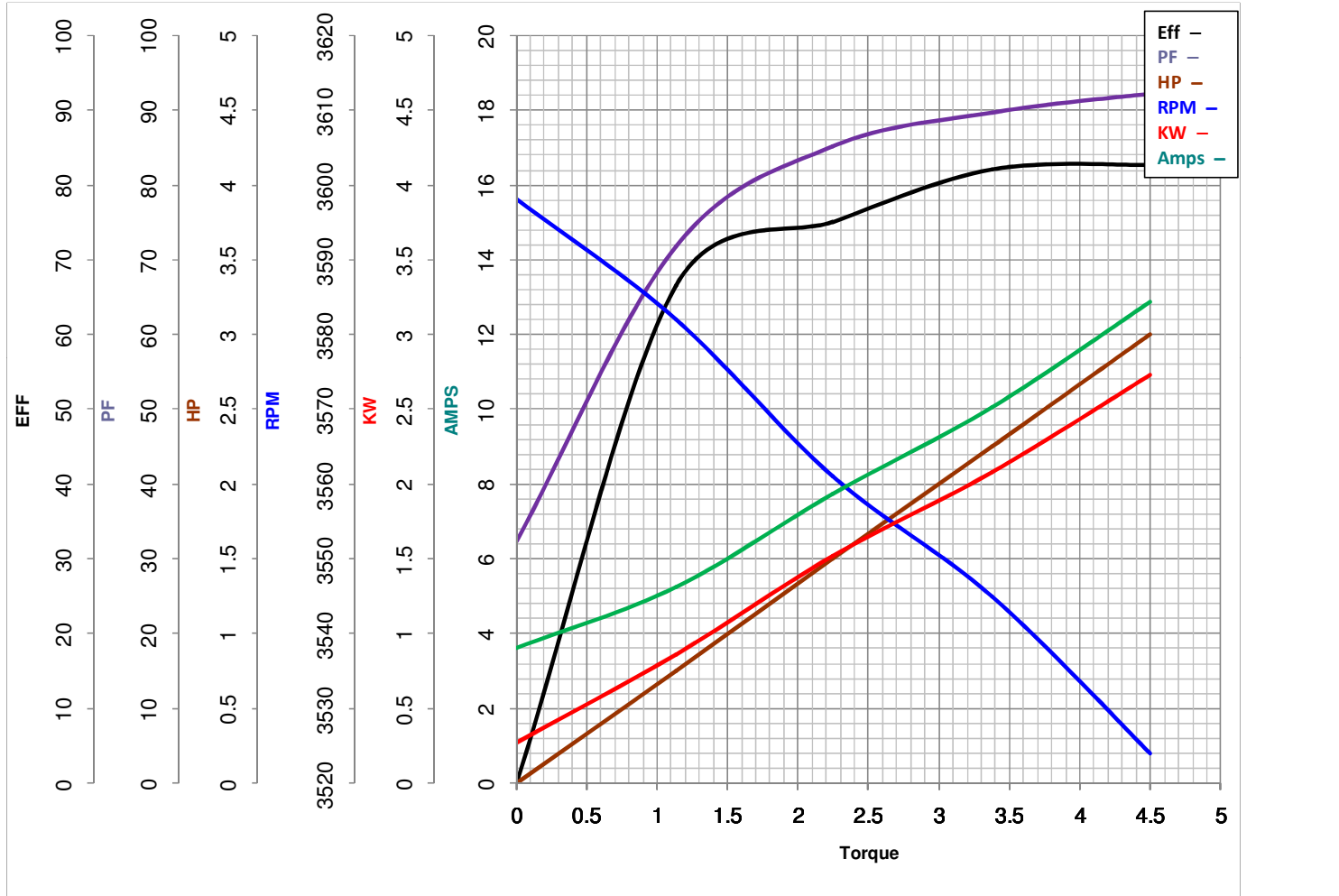
Curve at 230 Volts HP 3.00 PHASE 1
60 HZ
3 HP VOLTS 230

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HZ 60

RPM 3450



Torque in Lb.Ft

FL TORQUE 4.5 Lb.Ft
 BD TORQUE 12.1 Lb.Ft
 LR TORQUE 7.6 Lb.Ft

FL AMPS 12.8
 PU TORQUE 7.0 Lb.Ft
 LR AMPS 9.5

WINDING K632141-2

Date 3/15/2018