

# PRODUCT INFORMATION PACKET



Model No: C6T14NB1C

Catalog No: 114304.00

1/2HP..37kW.1425RPM.56.IP54./V.3PH.50HZ.CONT.NOT.40C.1.15SF.RIGID.50 HERTZ.C6T14NB1C  
50 Hz



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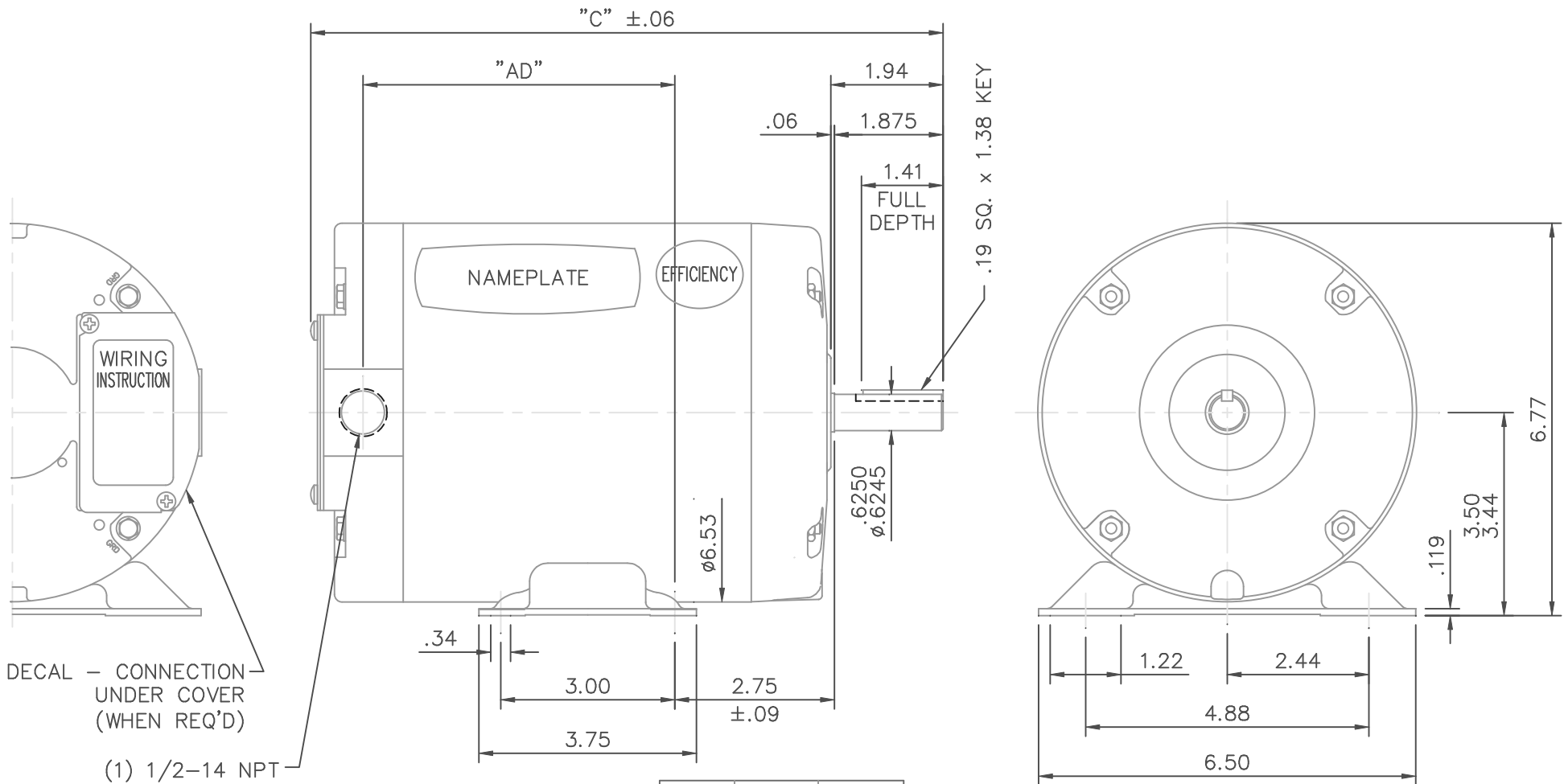
### Nameplate Specifications

Output HP	<b>0.50 Hp</b>	Output KW	<b>0.37 kW</b>
Frequency	<b>50 Hz</b>	Voltage	<b>220/380/440 V</b>
Current	<b>2.0/1.2/1.0 A</b>	Speed	<b>1425 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>3</b>
Efficiency	<b>74 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>B</b>	Design Code	<b>B</b>
KVA Code	<b>L</b>	Frame	<b>56</b>
Enclosure	<b>Totally Enclosed Non Ventilated</b>	Overload Protector	<b>No</b>
Ambient Temperature	<b>40 °C</b>	Drive End Bearing Size	<b>6203</b>
Opp Drive End Bearing Size	<b>6203</b>	UL	<b>Recognized</b>
CSA	<b>Y</b>	CE	<b>Y</b>
IP Code	<b>54</b>		

### Technical Specifications

Electrical Type	<b>Squirrel Cage Induction Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>4</b>	Rotation	<b>Reversible</b>
Mounting	<b>Rigid base</b>	Motor Orientation	<b>HORIZONTAL</b>
Drive End Bearing	<b>BALL</b>	Opp Drive End Bearing	<b>BALL</b>
Frame Material	<b>Rolled Steel</b>	Shaft Type	<b>NEMA 56</b>
Overall Length	<b>10.40 in</b>	Frame Length	<b>5.50 in</b>
Shaft Diameter	<b>0.625 in</b>	Shaft Extension	<b>1.88 in</b>
Assembly/Box Mounting	<b>F1 ONLY</b>		
Outline Drawing	<b>034982-550</b>	Connection Diagram	<b>005381.01</b>

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DECAL - CONNECTION UNDER COVER (WHEN REQ'D)  
 (1) 1/2-14 NPT (PLUGGED)

DASH NO.	"C"	"AD"
500	9.90	4.37
550	10.40	4.87
600	10.90	5.37
650	11.40	5.87

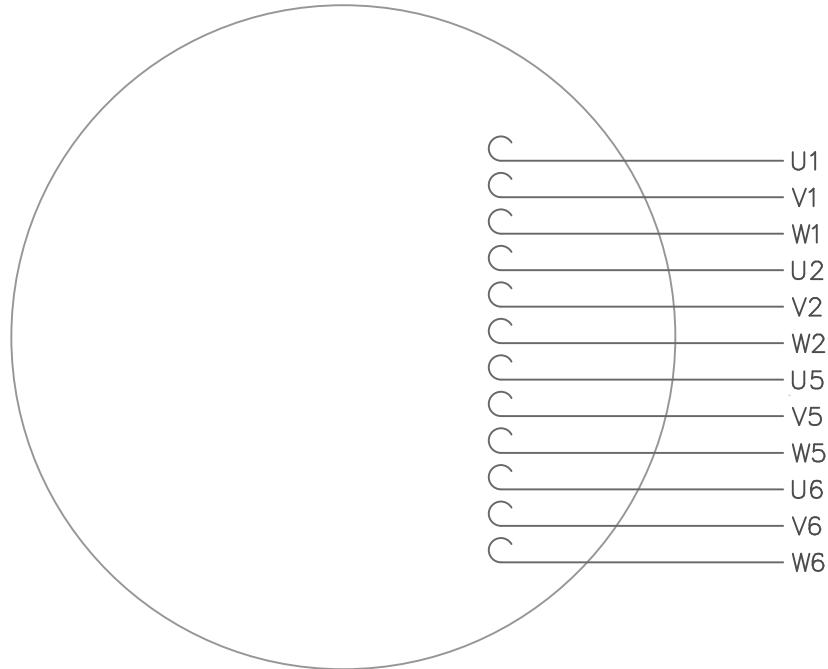
GASKETS THROUGHOUT

				TOLERANCES UNLESS SPECIFIED		ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN RDW 2/21/03	
				DEC.	INCHES	LEESON		CHK	
				.X	±.1	TITLE OUTLINE - 56 FRAME TENV - RIGID		APPD SW 2/21/03	
				.XX	±.03			SCALE 3=8	
				.XXX	±.005			REF	
				.XXXX	±.0005			FMF	
NO.	REVISION	BY & DATE	CHK	ANG	±1/2'	MAT'L.	GENERAL PURPOSE	FINISH	PREV
				RFP	2/21/03	CAD FILE	034982	SIZE	DRAWING NO.
				DIST	BRF-NLV			A	034982
								REV.	

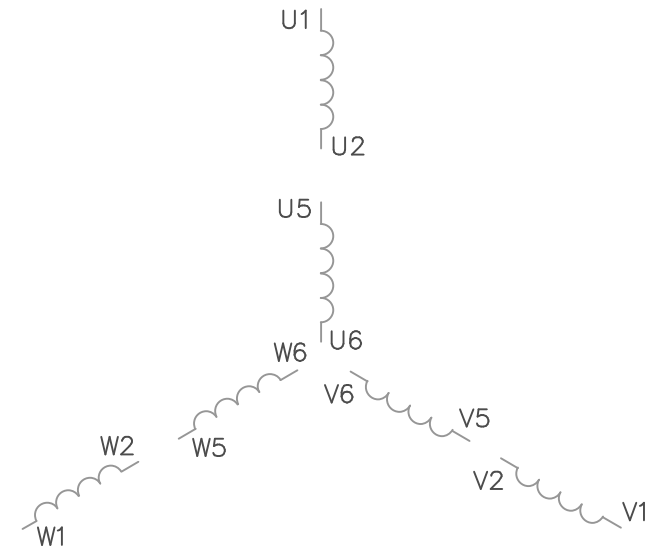
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VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS



VOLTAGE	L1	L2	L3	JOIN
(2Δ) LOW	U1,W2 U5,W6	V1,U2 V5,U6	W1,V2 W5,V6	-----
(2Y) MEDIUM	U1,U5	V1,V5	W1,W5	(U2,V2,W2) (U6,V6,W6)
(1Δ) HIGH	U1,W6	V1,U6	W1,V6	(U2,U5) (V2,V5) (W2,W5)

TOLERANCES UNLESS OTHERWISE SPECIFIED

DECIMALS

.00 ± .01

.000 ± .005

.0000 ± .0005

FRACTIONS ± 1/64

ANGLES ± 1/2°

INCH/MM

**LEESON** ELECTRIC CORPORATION

DRAWN GWS 2/23/96

CH'K'D.

APPR.

SCALE 1=1

REF. 005352 PG 3

FMF

TITLE EXT. WIRING DIAGRAM  
TYPE "T" W/O PROTECTOR

MAT'L. DECAL - 080590

FINISH

STOCK

SIZE

A

DRAWING NO.

005381-01

1	REDRAWN TO CURRENT STANDARDS	DBT	05/30/97
NO.	REVISION	BY	DATE

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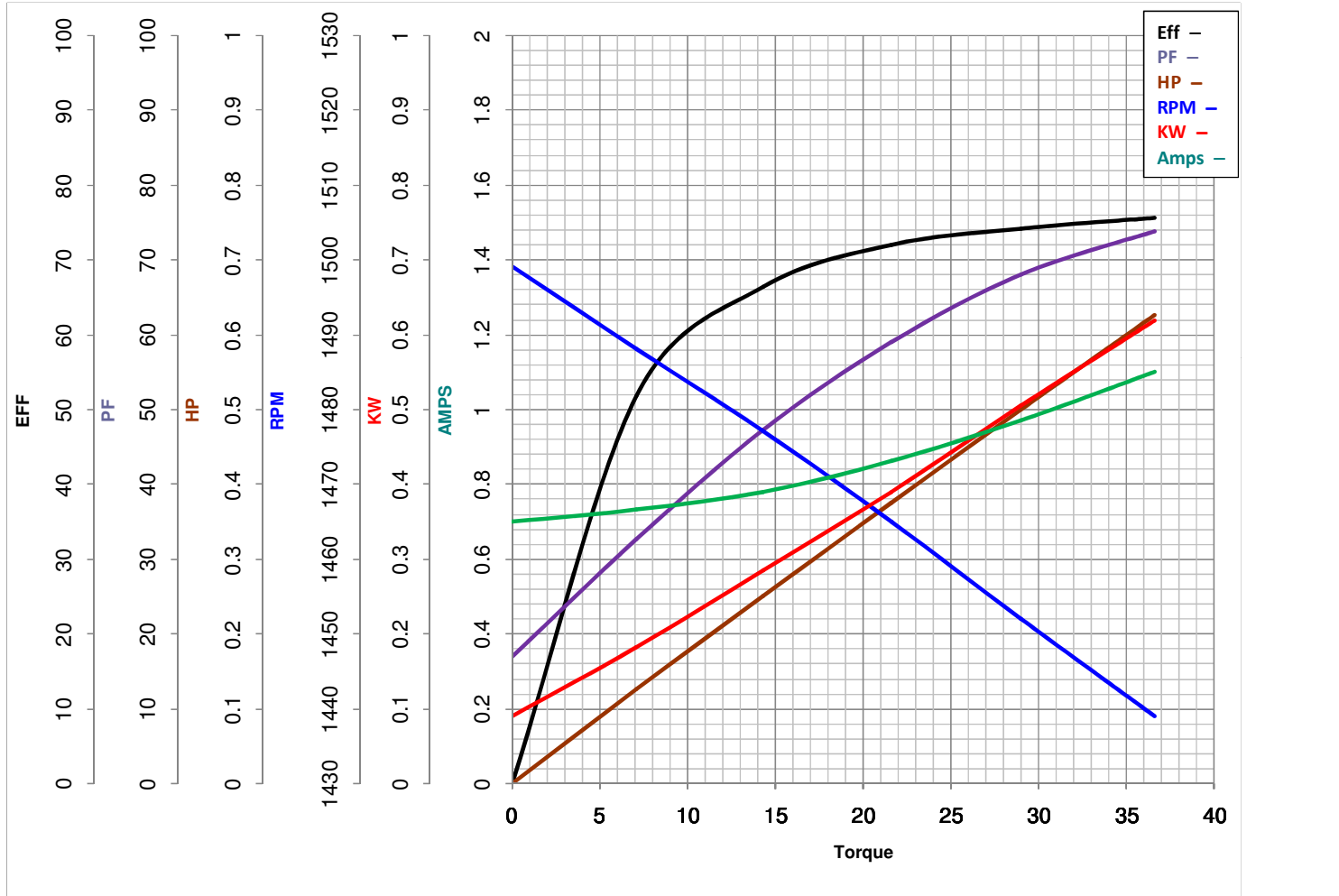


**LEESON ELECTRIC CORPORATION**  
TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 114304.00

Catalog No 114304.00

Curve at 440 Volts      HP 0.50      PHASE 3  
50 HZ  
0.5 HP      VOLTS 220/380/440  
HZ 50      RPM 1425



<b>FL TORQUE</b>	<u>29</u> Oz.Ft	<b>FL AMPS</b>	<u>2/1.15/1</u>
<b>BD TORQUE</b>	<u>118.0</u> Oz.Ft	<b>PU TORQUE</b>	<u>100.0</u> Oz.Ft
<b>LR TORQUE</b>	<u>102</u> Oz.Ft	<b>LR AMPS</b>	<u>6.5</u>
<b>WINDING</b>	T634272-4	<b>Date</b>	5/24/2018