

# PRODUCT INFORMATION PACKET



Model No: C6T34NC2E

Catalog No: 110446.00

1/3HP..3450/2850RPM.56.TENV.208-230/460V.3PH.60/50HZ.CONT.NOT.40C.1.15/1.15SF.C  
FACE.GENERAL PURPOSE.C6T34NC2E  
Totally Enclosed Non-Ventilated (TENV)



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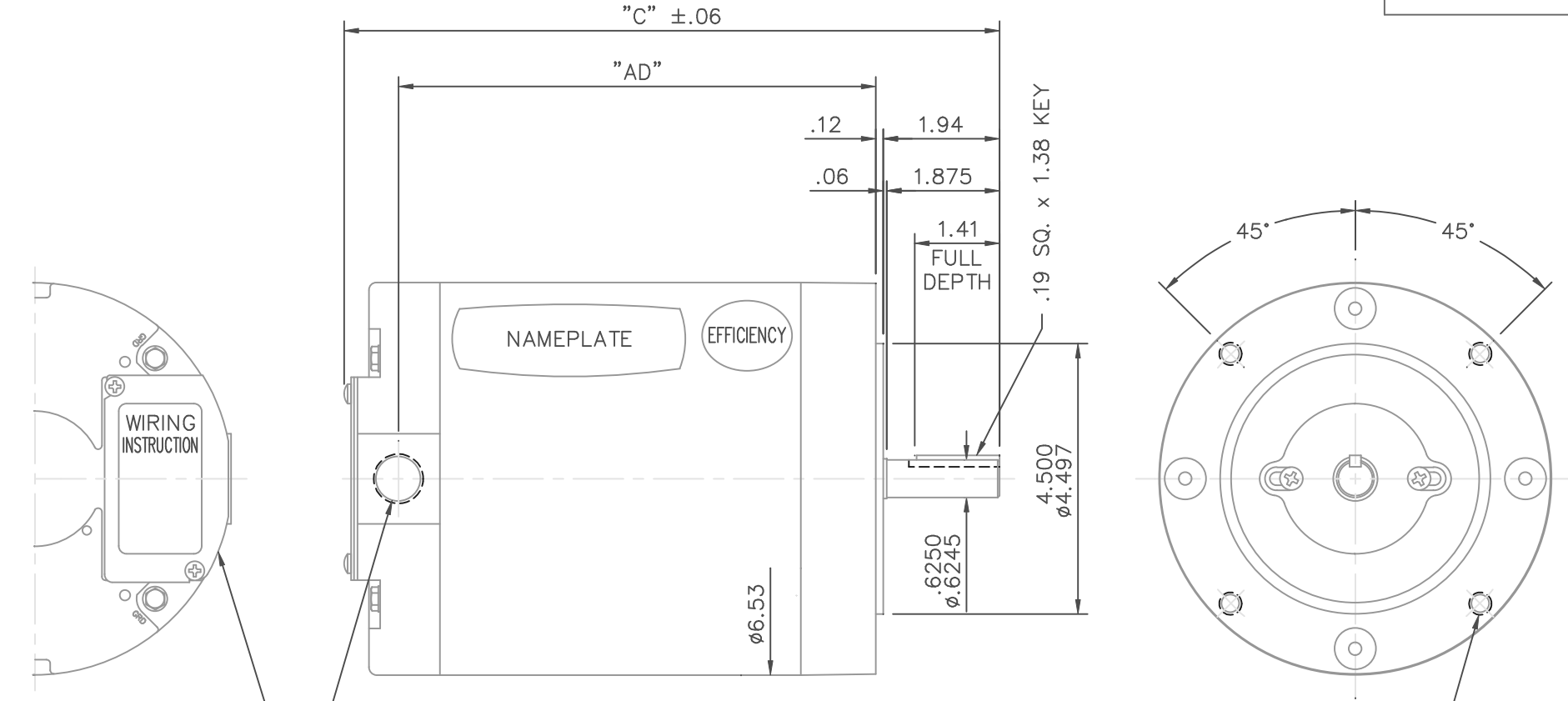
### Nameplate Specifications

Output HP	<b>0.33 Hp</b>	Output KW	<b>0.25 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>208-230/460 V</b>
Current	<b>1.1/0.55 A</b>	Speed	<b>3450 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>3</b>
Efficiency	<b>77 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>B</b>	Design Code	<b>B</b>
KVA Code	<b>L</b>	Frame	<b>56C</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>N</b>
IP Code	<b>43</b>		

### Technical Specifications

Electrical Type	<b>Squirrel Cage Induction Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>2</b>	Rotation	<b>Reversible</b>
Mounting	<b>Round</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>9.90 in</b>	Frame Length	<b>5.00 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>028501-500</b>	Connection Diagram	<b>005010.01</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	6.94
550	10.40	7.44
600	10.90	7.94
650	11.40	8.44
700	11.90	8.94
750	12.40	9.44
800	12.90	9.94

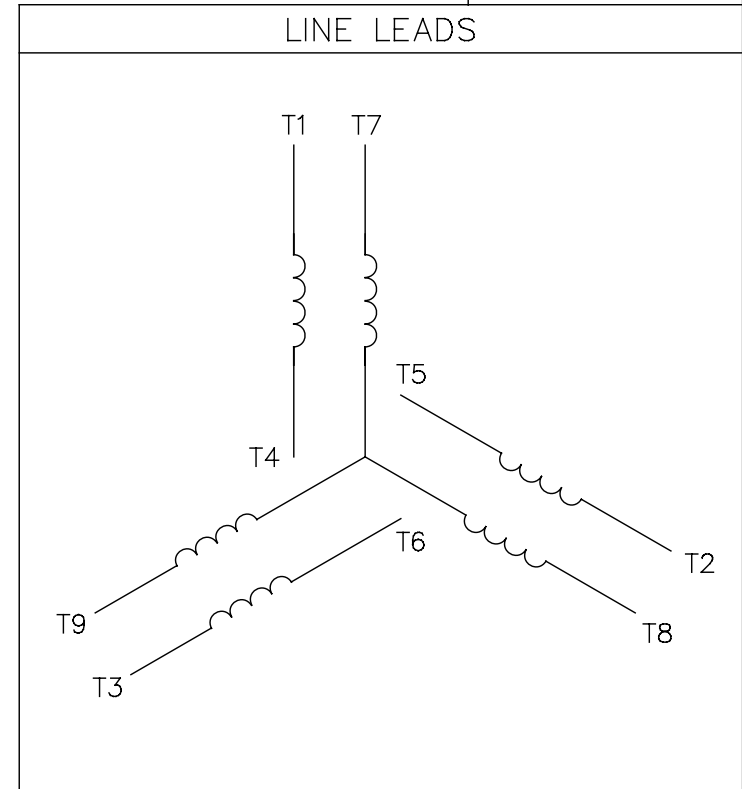
(4) 3/8-16 UNC-2B X .56 DEEP ON A  $\phi 5.875 \text{ B.C.}$   
 GASKETS THROUGHOUT  
 MAXIMUM FACE RUNOUT TO BE .004 T.I.R.  
 MAXIMUM PILOT ECCENTRICITY .004 T.I.R.  
 PERMISSIBLE SHAFT RUNOUT .002 T.I.R.

				TOLERANCES UNLESS SPECIFIED		LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN BJB 06/05/03		
				DEC.	INCHES	TITLE		CHK		
				.X	$\pm .1$	OUTLINE - 56 FRAME		APPD		
				.XX	$\pm .03$	T.E.N.V. - "C" FACE		SCALE 3=8		
				.XXX	$\pm .005$	MAT'L. GENERAL PURPOSE		REF 034946		
				.XXXX	$\pm .0005$	FINISH		FMF		
NO.	REVISION	BY & DATE	CHK	ANG	$\pm 1/2'$	PREV				
				RFP		CAD FILE	028501	SIZE	DRAWING NO.	REV.
				DIST	BRF-NLV			A	028501	

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005010-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



VOLTAGE	L1	L2	L3	JOIN & INSULATE
HIGH	T1	T2	T3	(T4,T7) (T5,T8) (T6,T9)
LOW	T1,T7	T2,T8	T3,T9	T4,T5,T6

				TOLERANCES UNLESS SPECIFIED		<b>REGAL</b> ™ Regal Beloit America, Inc.		DRAWN RDW 04/12/02			
				DEC.	INCHES			CHK			
				.X	±.1			APPD			
				.XX	±.01			SCALE 1=1			
				.XXX	±.005	TITLE		REF FIG.2-51			
A	UPDATED TO REGAL LOGO	SAJ 06/26/15	AJY	.XXXX	±.0005	MAT'L.		FMF			
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH		PREV			
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				DIST	BRF-NLV			A	005010-01	A	

