

# PRODUCT INFORMATION PACKET



Model No: C4T17NC35C

Catalog No: 101966.00

1/4HP..1725/1425RPM.48.TENV.208-

230/460V.3PH.60/50HZ.CONT.NOT.40C.1.15/1.15SF.ROUND.GENERAL PURPOSE.C4T17NC35C

Totally Enclosed Non-Ventilated (TENV)



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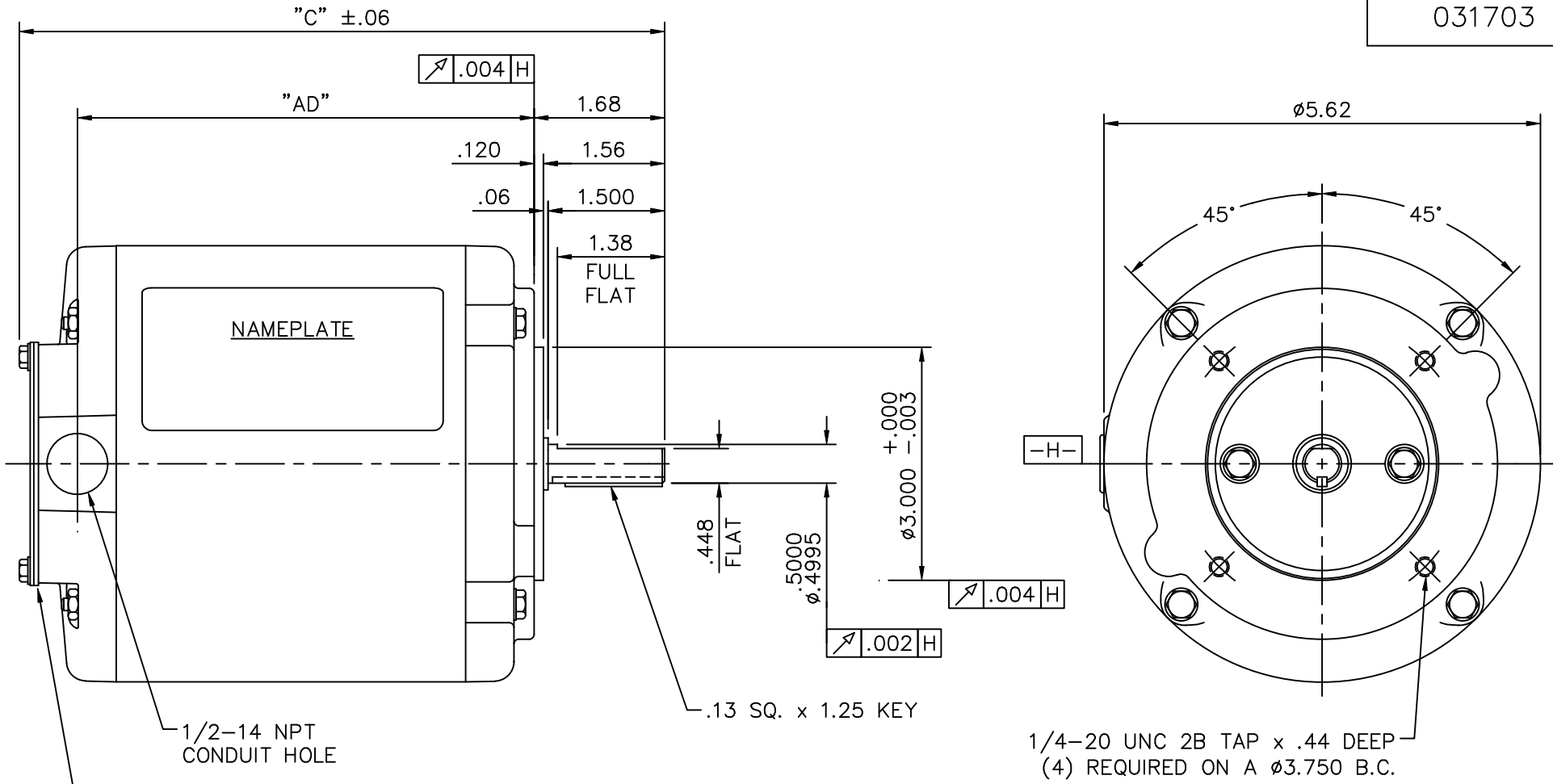


**Nameplate Specifications**

Output HP	<b>0.25 Hp</b>	Output KW	<b>0.19 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>208-230/460 V</b>
Current	<b>0.90/0.45 A</b>	Speed	<b>1725 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>3</b>
Efficiency	<b>78 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>B</b>	Design Code	<b>B</b>
KVA Code	<b>M</b>	Frame	<b>48CZ</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>4</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>T</b>
Overall Length	<b>9.31 in</b>	Frame Length	<b>5.50 in</b>
Shaft Diameter	<b>0.500 in</b>	Shaft Extension	<b>1.56 in</b>
Assembly/Box Mounting	<b>F1 ONLY</b>		
Outline Drawing	<b>031703-550</b>	Connection Diagram	<b>005010.01</b>



DASH NO.	"C"	"AD"	DASH NO.	"C"	"AD"
450	8.31	5.88	575	9.56	7.13
475	8.56	6.13	600	9.81	7.38
500	8.81	6.38	625	10.06	7.63
525	9.06	6.63	650	10.31	7.88
550	9.31	6.88	675	10.56	8.13

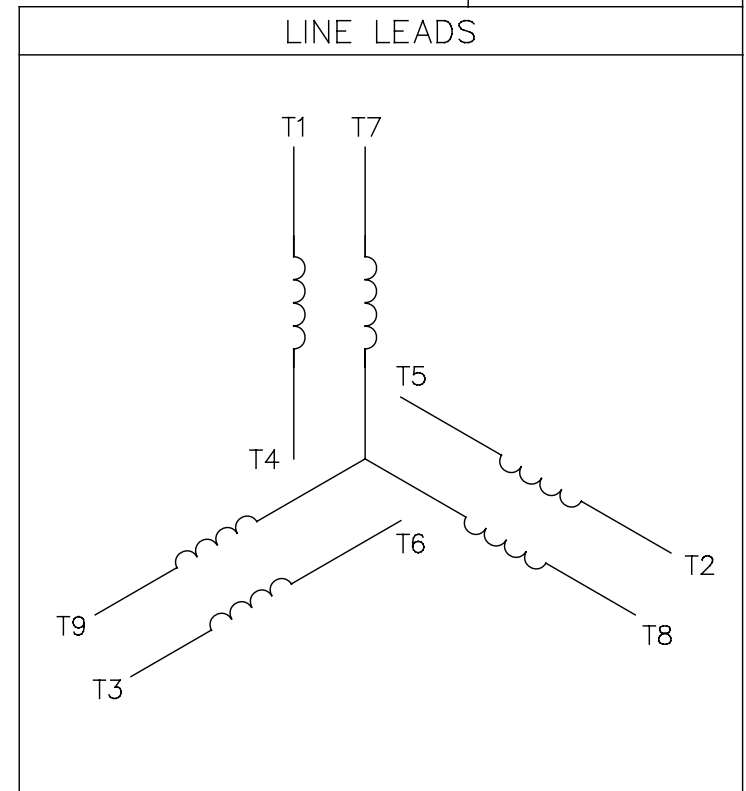
				TOLERANCES UNLESS SPECIFIED			ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN PG 7/22/02			
				DEC.	INCHES				CHK			
				.X	±.1				APPD			
				.XX	±.03		TITLE		SCALE 1=2			
				.XXX	±.005		OUTLINE - 48C FRAME "C" FACE - TENV		REF 031652			
				.XXXX	±.0005	MAT'L.		FMF 101966.00				
				ANG	±1/2°	FINISH		PREV				
NO.	REVISION	BY & DATE	CHK			RFP		CAD FILE	031703	SIZE	DRAWING NO.	REV.
						DIST		A	031703			

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ERROR: syntaxerror  
OFFENDING COMMAND: --nostringval--  
STACK :  
  /im  
-savelevel-
```

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> ™ <b>Regal Beloit America, Inc.</b>		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		
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	04/12/02	CAD FILE		SIZE	DRAWING NO.	REV.
				DIST	BRF-NLV	00501001		A	005010-01	A



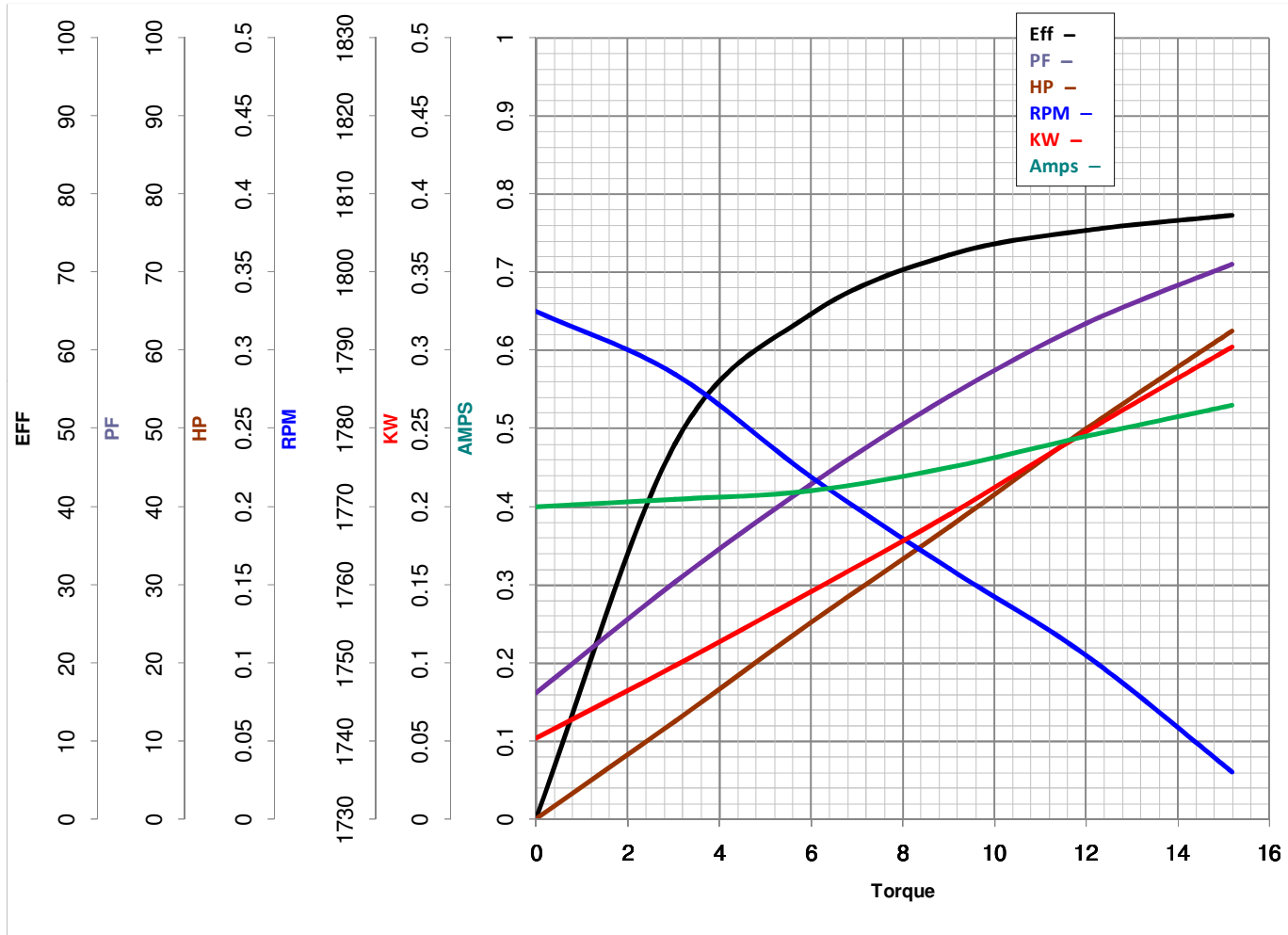
**LEESON ELECTRIC CORPORATION**  
 TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 101966.00

Catalog No 101966.00

Curve at 460 Volts      HP 0.25&0.25      PHASE 3  
60 HZ  
0.25 HP      VOLTS 208-230/460&208-230/460

HZ 60&50      RPM 1725&1425



Torque in Oz.Ft

FL TORQUE 12.01 Oz.Ft  
 BD TORQUE 61.2 Oz.Ft  
 LR TORQUE 52.25 Oz.Ft

FL AMPS 9.45  
 PU TORQUE 52.1 Oz.Ft  
 LR AMPS 3.33

WINDING TE48451-3

Date 6/5/2018