

# PRODUCT INFORMATION PACKET



Model No: C4T17NC11D

Catalog No: 100486.00

1/2HP..1725RPM.48.TENV.208-230/460V.3PH.60HZ.CONT.NOT.40C.1.0SF.ROUND.GENERAL  
PURPOSE.C4T17NC11D

Totally Enclosed Non-Ventilated (TENV)



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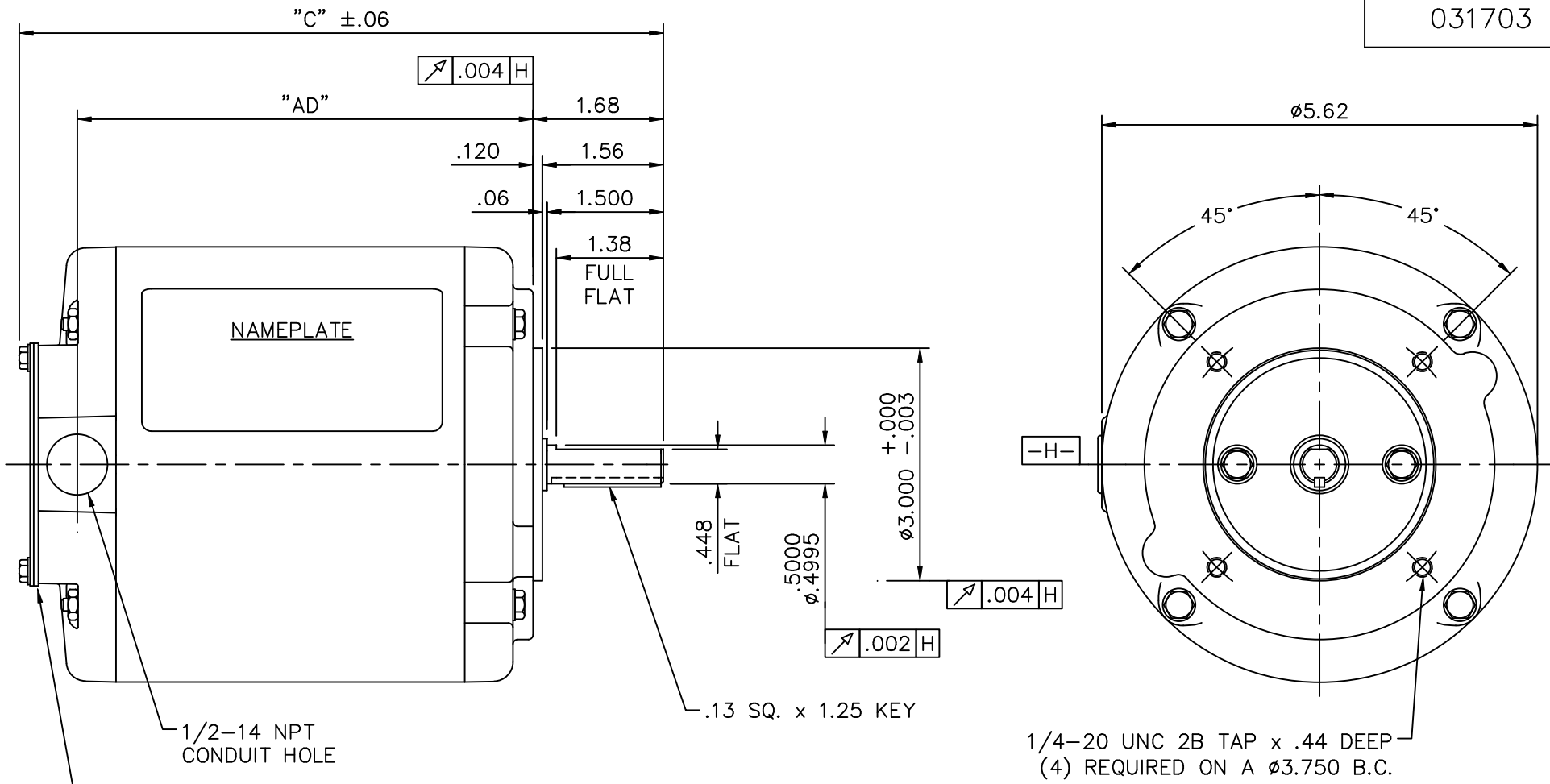


### Nameplate Specifications

Output HP	<b>0.50 Hp</b>	Output KW	<b>0.37 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>208-230/460 V</b>
Current	<b>1.6-1.6/0.80 A</b>	Speed	<b>1725 rpm</b>
Service Factor	<b>1</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>K</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>Single Special Extension</b>
Overall Length	<b>10.31 in</b>	Frame Length	<b>6.50 in</b>
Shaft Diameter	<b>0.500 in</b>	Shaft Extension	<b>1.5 in</b>
Assembly/Box Mounting	<b>F1 ONLY</b>		
Outline Drawing	<b>031703-650</b>	Connection Diagram	<b>005010.01</b>



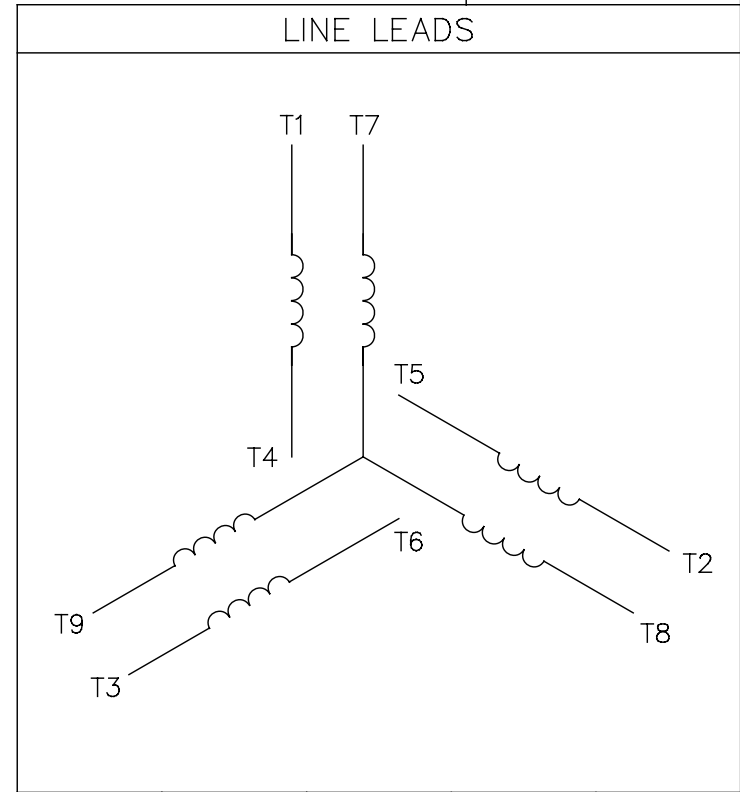
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450	8.31	5.88	575	9.56	7.13
475	8.56	6.13	600	9.81	7.38
500	8.81	6.38	625	10.06	7.63
525	9.06	6.63	650	10.31	7.88
550	9.31	6.88	675	10.56	8.13

				TOLERANCES UNLESS SPECIFIED		ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN PG 7/22/02
				DEC.	INCHES		CHK
				.X	±.1		APPD
				.XX	±.03		SCALE 1=2
				.XXX	±.005		REF 031652
				.XXXX	±.0005	MAT'L. 3 PHASE	FMF 101966.00
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	CAD FILE 031703	SIZE A	DRAWING NO. 031703
				DIST			REV.

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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> ™ 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. DECAL - 004014	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	00501001		SIZE	DRAWING NO.	REV.
				DIST	BRF-NLV				A	005010-01		A



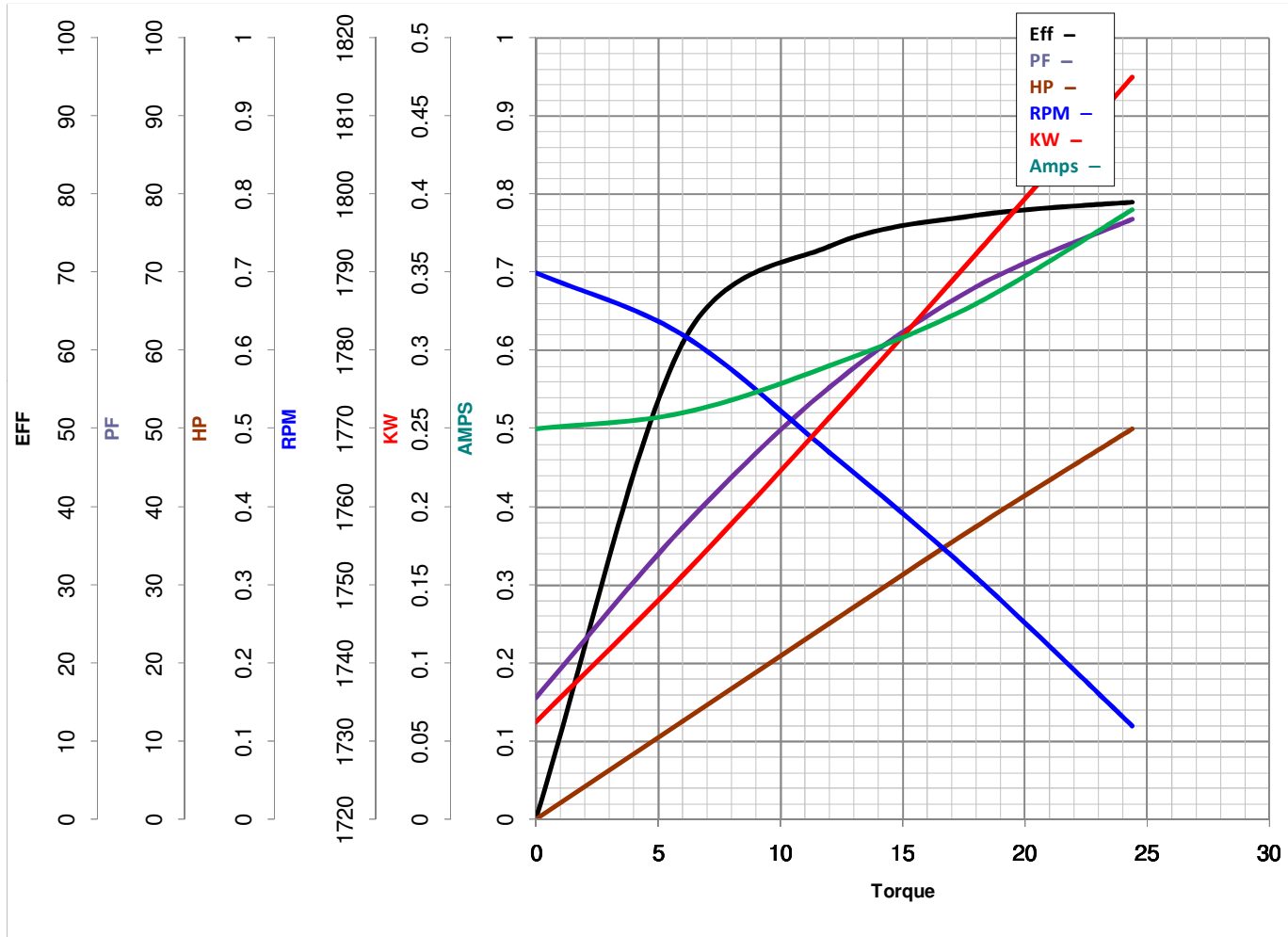
### LEESON ELECTRIC CORPORATION TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 100486.00

Curve at 460 Volts      HP 0.50      PHASE 3  
60 HZ  
0.5 HP      VOLTS 208-230/460

Catalog No 100486.00

HZ 60      RPM 1725



Torque in Oz.Ft

FL TORQUE 24.4 Oz.Ft  
BD TORQUE 96.0 Oz.Ft  
LR TORQUE 92.5 Oz.Ft

FL AMPS 1.6-1.6/8  
PU TORQUE 78.3 Oz.Ft  
LR AMPS 5.65

WINDING TE48490-3

Date 5/22/2018