

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)



Regal and Leeson are trademarks of Regal Beloit Corporation or one of its affiliated companies.

©2018 Regal Beloit Corporation, All Rights Reserved. MC017097E





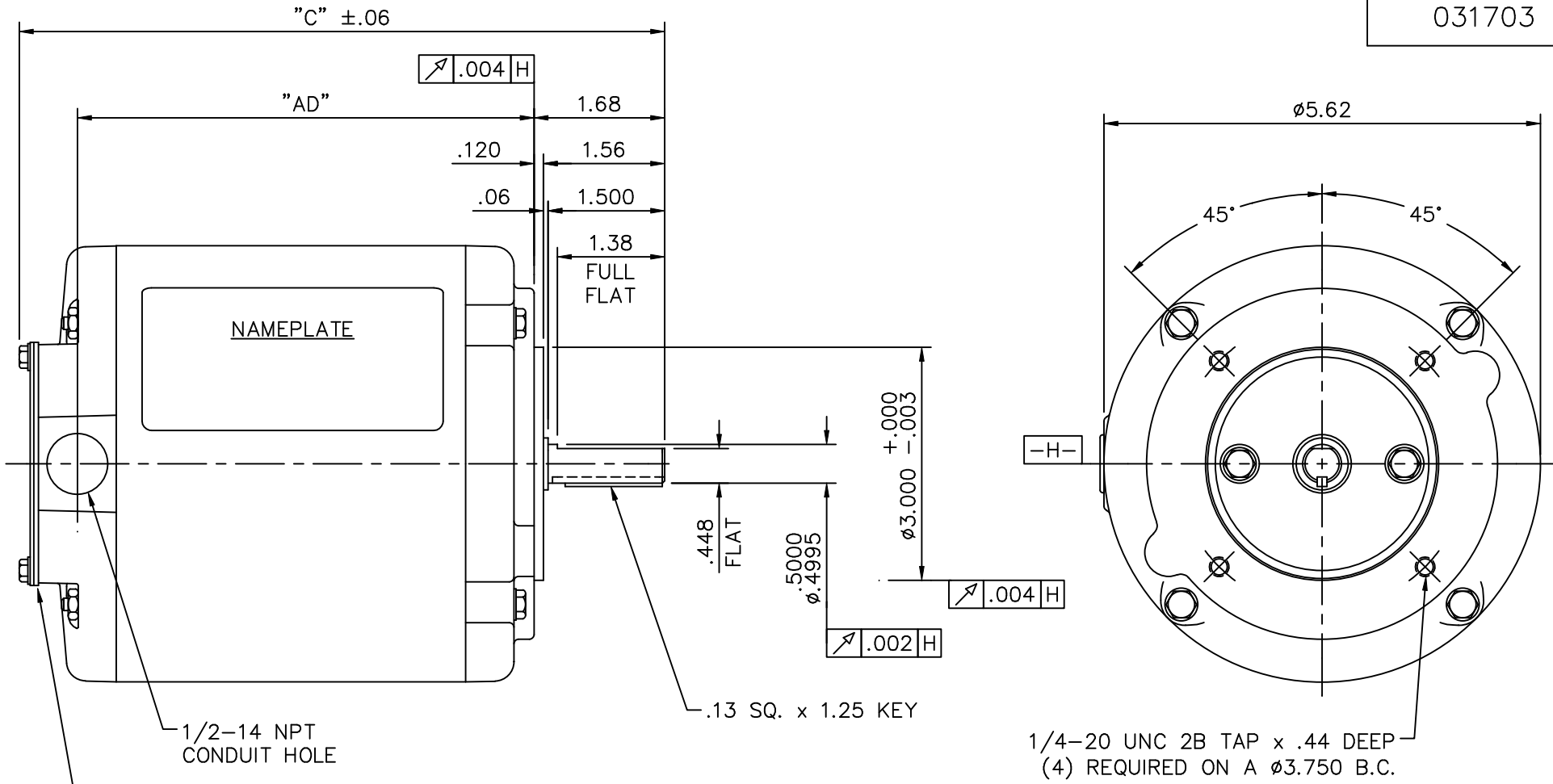
Nameplate Specifications

Output HP	0.25 Hp	Output KW	0.19 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	0.90/0.45 A	Speed	1725 rpm
Service Factor	1.15	Phase	3
Efficiency	78 %	Duty	Continuous
Insulation Class	B	Design Code	B
KVA Code	M	Frame	48CZ
Enclosure	Totally Enclosed Non Ventilated	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	N
IP Code	43		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Mounting	Round	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	T
Overall Length	9.31 in	Frame Length	5.50 in
Shaft Diameter	0.500 in	Shaft Extension	1.56 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	031703-550	Connection Diagram	005010.01

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created: 10/15/2018



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	
DEC.	INCHES
.X	±.1
.XX	±.03
.XXX	±.005
.XXXX	±.0005
ANG	±1/2°



ELECTRIC MOTORS
GEARMOTORS
AND DRIVES

DRAWN	PG 7/22/02
CHK	
APPD	
SCALE	1=2
REF	031652
FMF	101966.00
PREV	

TITLE	OUTLINE - 48C FRAME "C" FACE - TENV
MAT'L.	3 PHASE
FINISH	

NO.	REVISION	BY & DATE	CHK	ANG

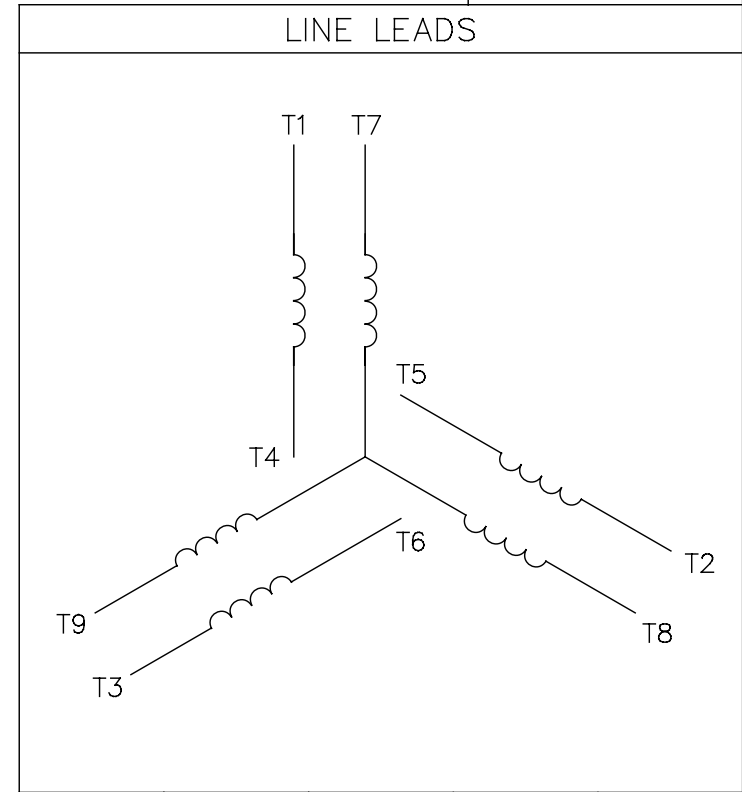
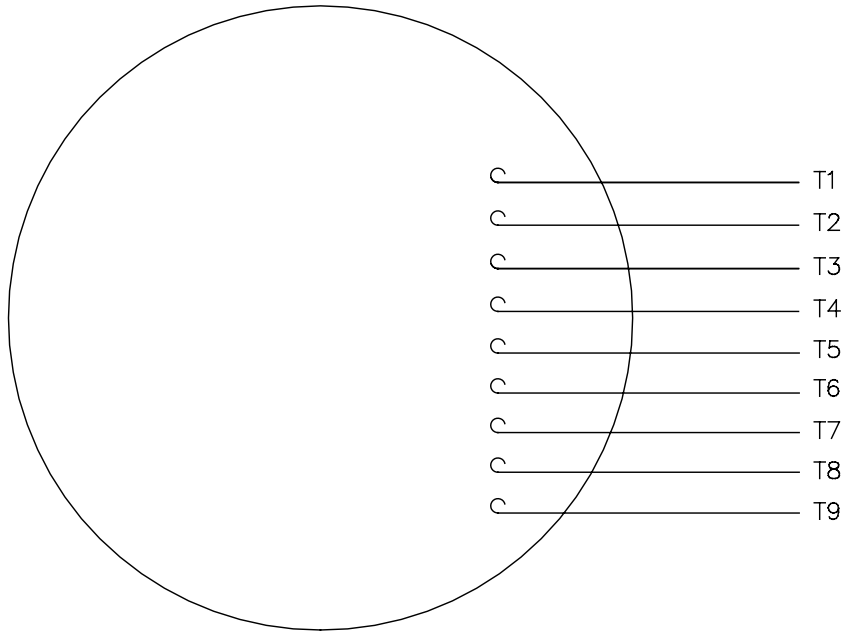
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT

RFP	CAD FILE	031703	SIZE	DRAWING NO.	REV.
DIST			A	031703	

```
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		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			
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	



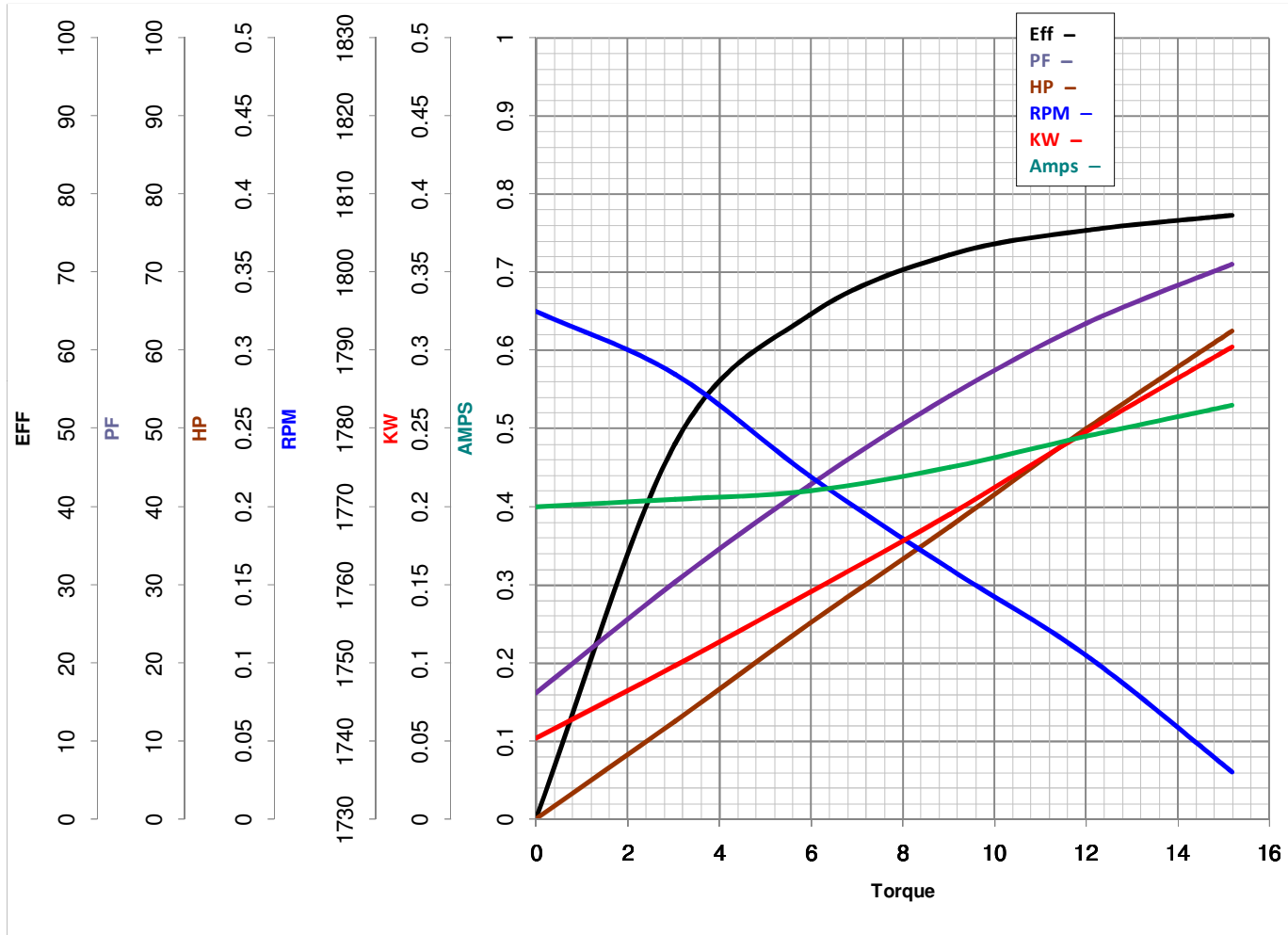
LEESON ELECTRIC CORPORATION
 TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 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