

PRODUCT INFORMATION PACKET



Model No: C4T34NC11C

Catalog No: 101965.00

1/4HP..3450/2850RPM.48.TENV.208-230/460V.3PH.60/50HZ.CONT.NOT.40C.1.0/1.0SF.C FACE.GENERAL PURPOSE.C4T34NC11C

Totally Enclosed Non-Ventilated (TENV)



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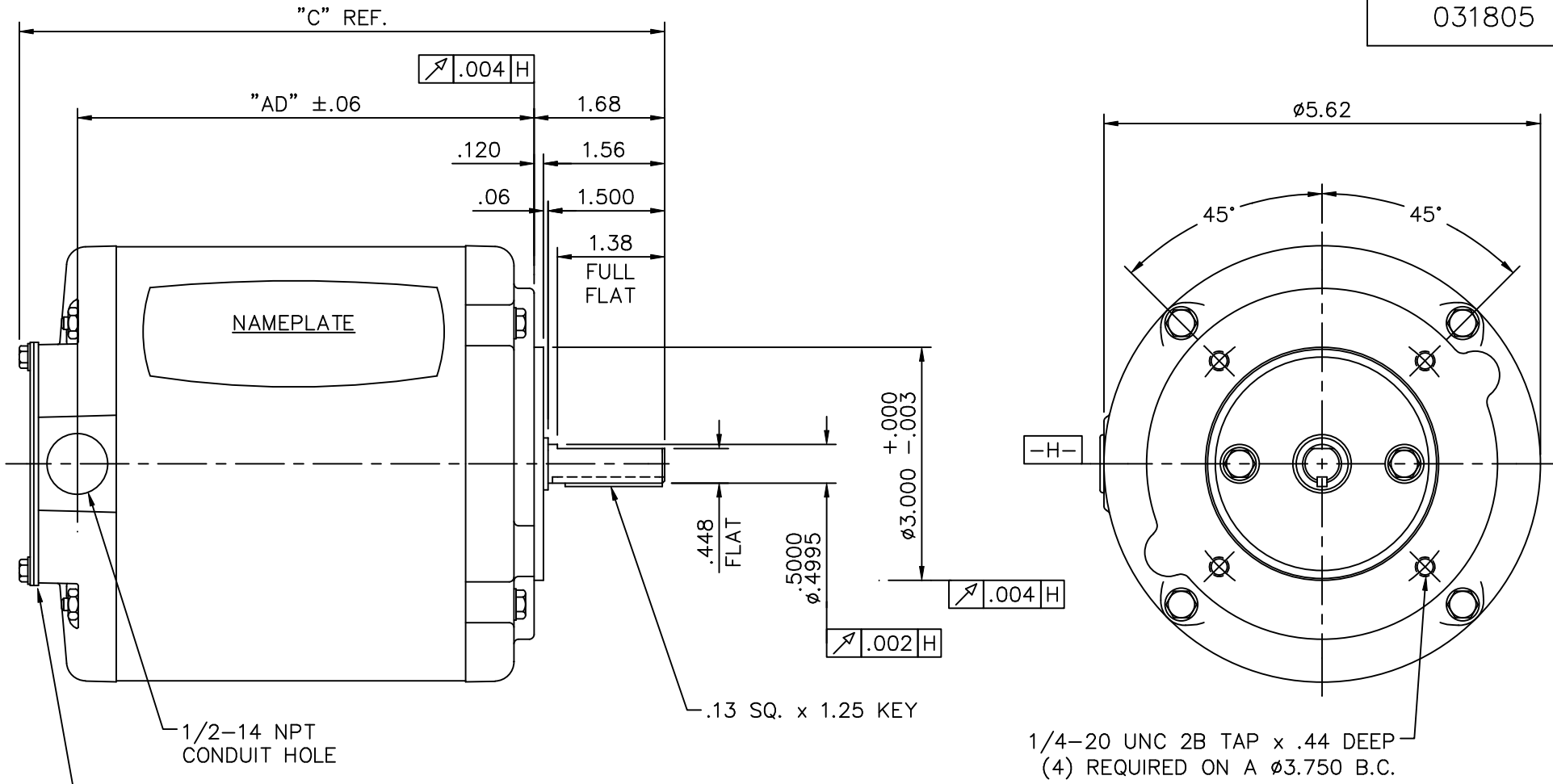
Nameplate Specifications

Output HP	0.25 Hp	Output KW	0.19 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	1.0/0.50 A	Speed	3450 rpm
Service Factor	1	Phase	3
Efficiency	67 %	Duty	Continuous
Insulation Class	B	Design Code	NO DESIGN CODE
KVA Code	P	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	2	Rotation	Reversible
Mounting	Round	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	Single Special Extension
Overall Length	8.81 in	Frame Length	5.00 in
Shaft Diameter	0.500 in	Shaft Extension	1.56 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	031805-500	Connection Diagram	005010.01

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1/4-20 UNC 2B TAP x .44 DEEP
(4) REQUIRED ON A Ø3.750 B.C.

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 02/17/05
CHK	
APPD	PG 02/17/05
SCALE	1=2
REF	031703
FMF	101965.00
PREV	

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

NO.	REVISION	BY & DATE	CHK	ANG

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RFP	CAD FILE	031805	SIZE	DRAWING NO.	REV.
DIST	A	031805			

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. DECAL - 004014	FMF		
NO.	REVISION			BY & DATE	CHK	ANG	±1/2"	FINISH	PREV			
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				DIST	BRF-NLV				A	005010-01		A



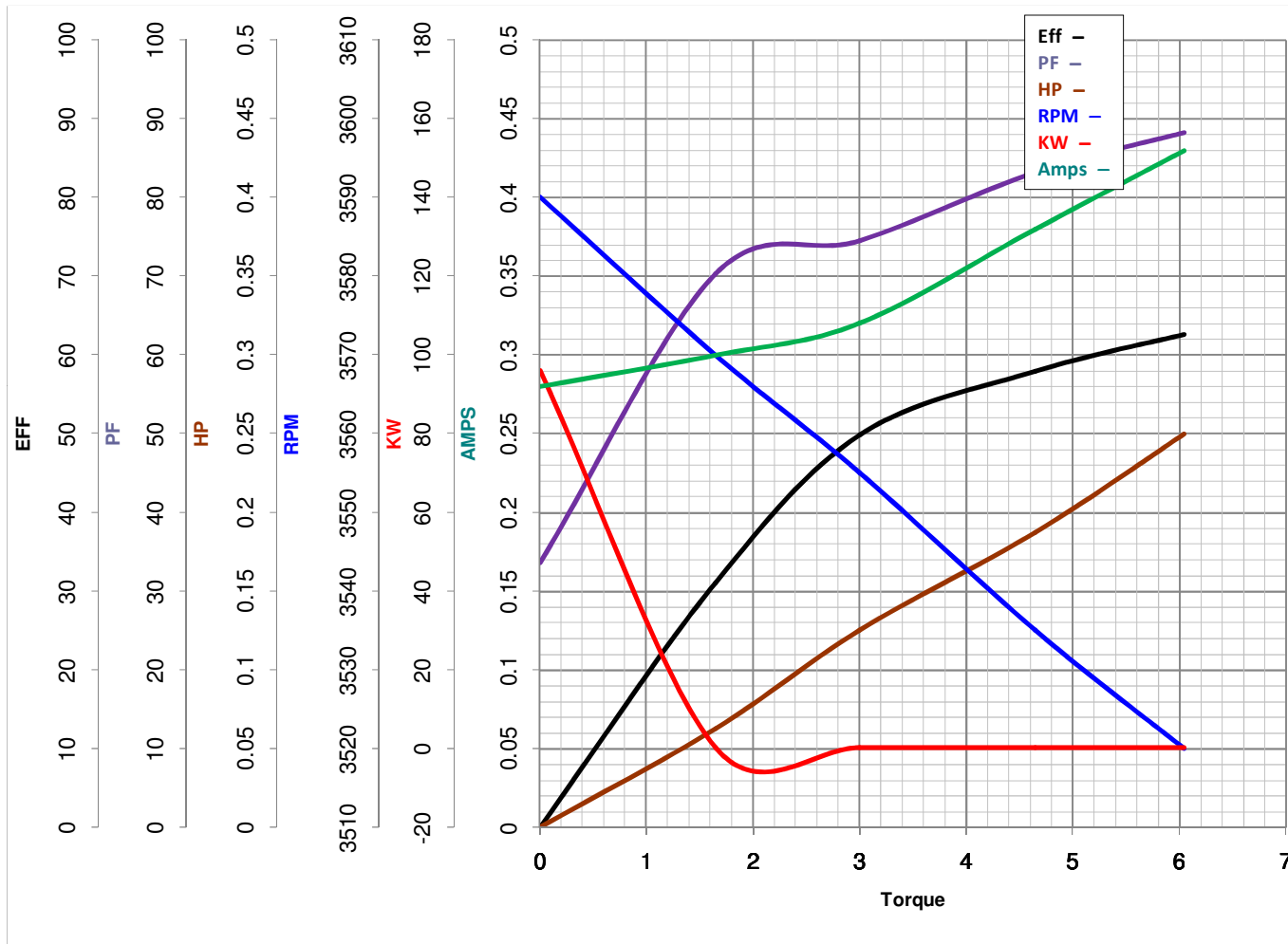
LEESON ELECTRIC CORPORATION
 TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 101965.00

Catalog No 101965.00

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 3450&2850



Torque in Oz.Ft

FL TORQUE 6.05 Oz.Ft
 BD TORQUE 28.0 Oz.Ft
 LR TORQUE 21.6 Oz.Ft

FL AMPS 1/5
 PU TORQUE 17.6 Oz.Ft
 LR AMPS 4.15

WINDING T5525-3

Date 6/5/2018