

PRODUCT INFORMATION PACKET



Model No: C4T34NC4D

Catalog No: 100449.00

1/2HP..3450RPM.48.TENV.208-230/460V.3PH.60HZ.CONT.NOT.40C.1.0SF.C FACE.GENERAL
PURPOSE.C4T34NC4D

Totally Enclosed Non-Ventilated (TENV)



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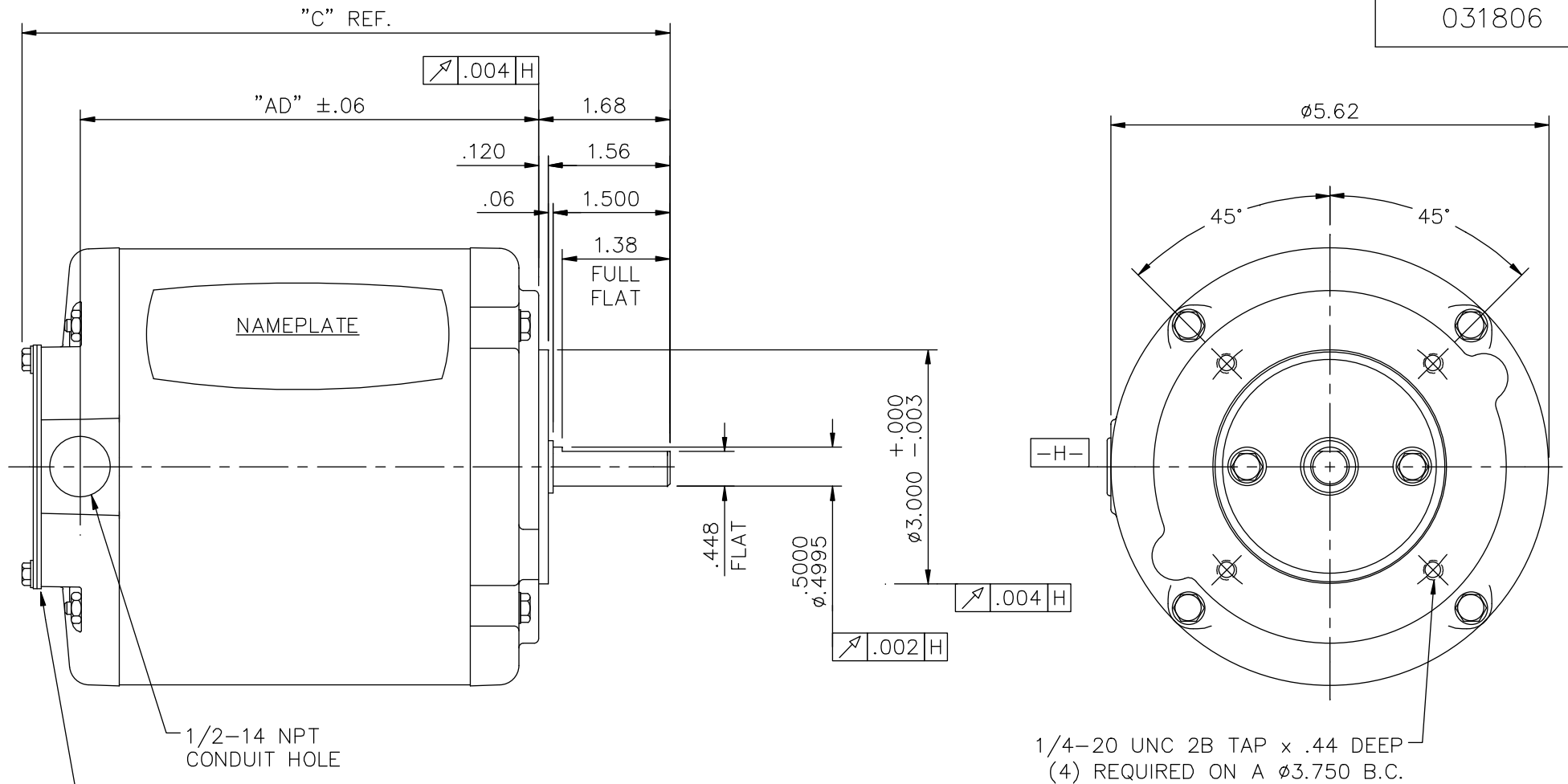


Nameplate Specifications

Output HP	0.50 Hp	Output KW	0.37 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	1.7-1.6/0.80 A	Speed	3450 rpm
Service Factor	1	Phase	3
Efficiency	75.5 %	Duty	Continuous
Insulation Class	B	Design Code	NO DESIGN CODE
KVA Code	L	Frame	48C
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	NEMA 48
Overall Length	9.81 in	Frame Length	6.00 in
Shaft Diameter	0.500 in	Shaft Extension	1.5 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	031806-600	Connection Diagram	005010.01



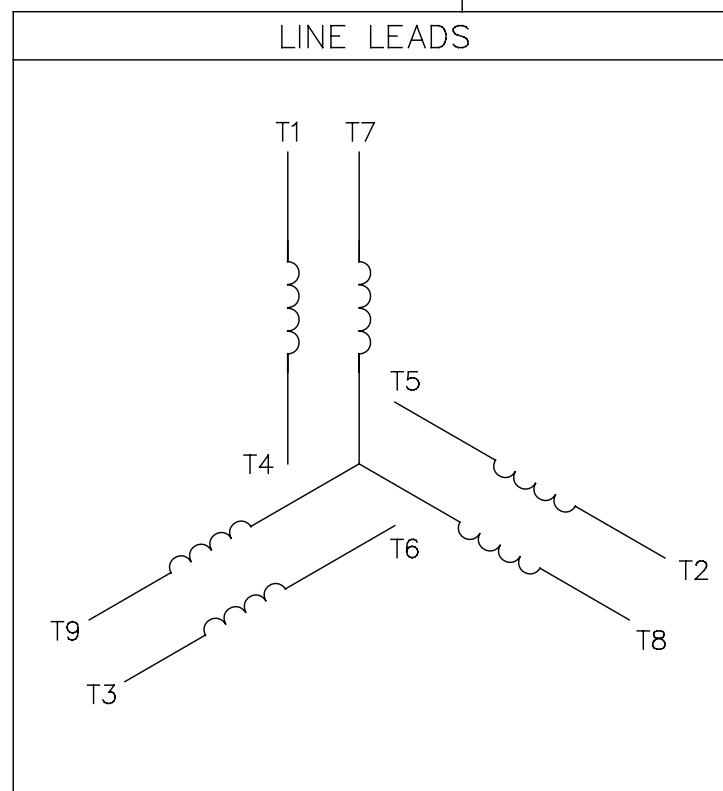
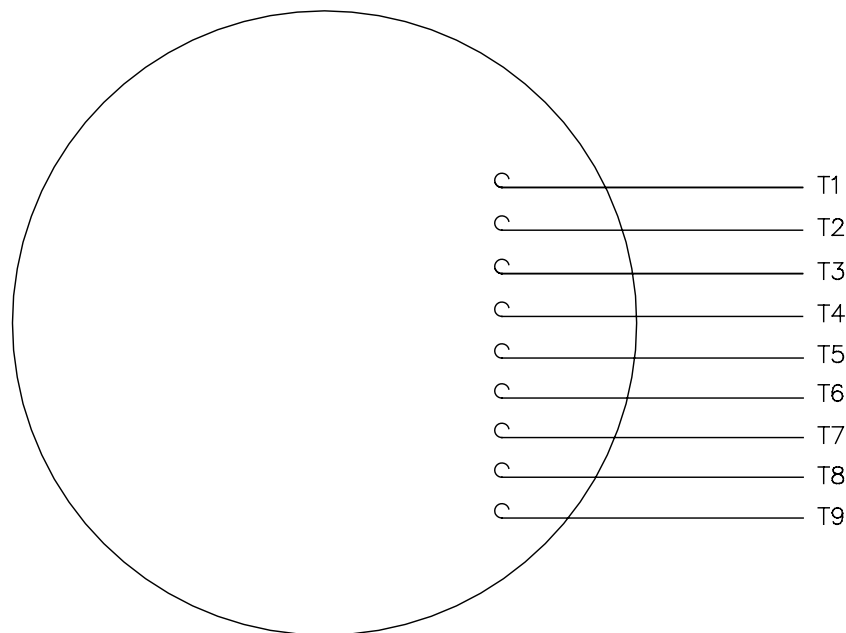
DASH NO.	"C"	"AD"	DASH NO.	"C"	"AD"
450	8.31	5.88	575	9.56	7.13
475	8.56	6.13	600	9.81	7.38
500	8.81	6.38	625	10.06	7.63
525	9.06	6.63	650	10.31	7.88
550	9.31	6.88	675	10.56	8.13

				TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN PG 02/17/05			
				DEC.	INCHES		CHK			
				.X	±.1		APPD PG 02/17/05			
				.XX	±.03		SCALE 1=2			
				.XXX	±.005		REF 030038			
				.XXXX	±.0005	TITLE OUTLINE – 48C FRAME "C" FACE – TENV		FMF 100449.00		
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	MAT'L. 3 PHASE		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 031806		SIZE	DRAWING NO.		REV.
			DIST				A	031806		

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005010-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



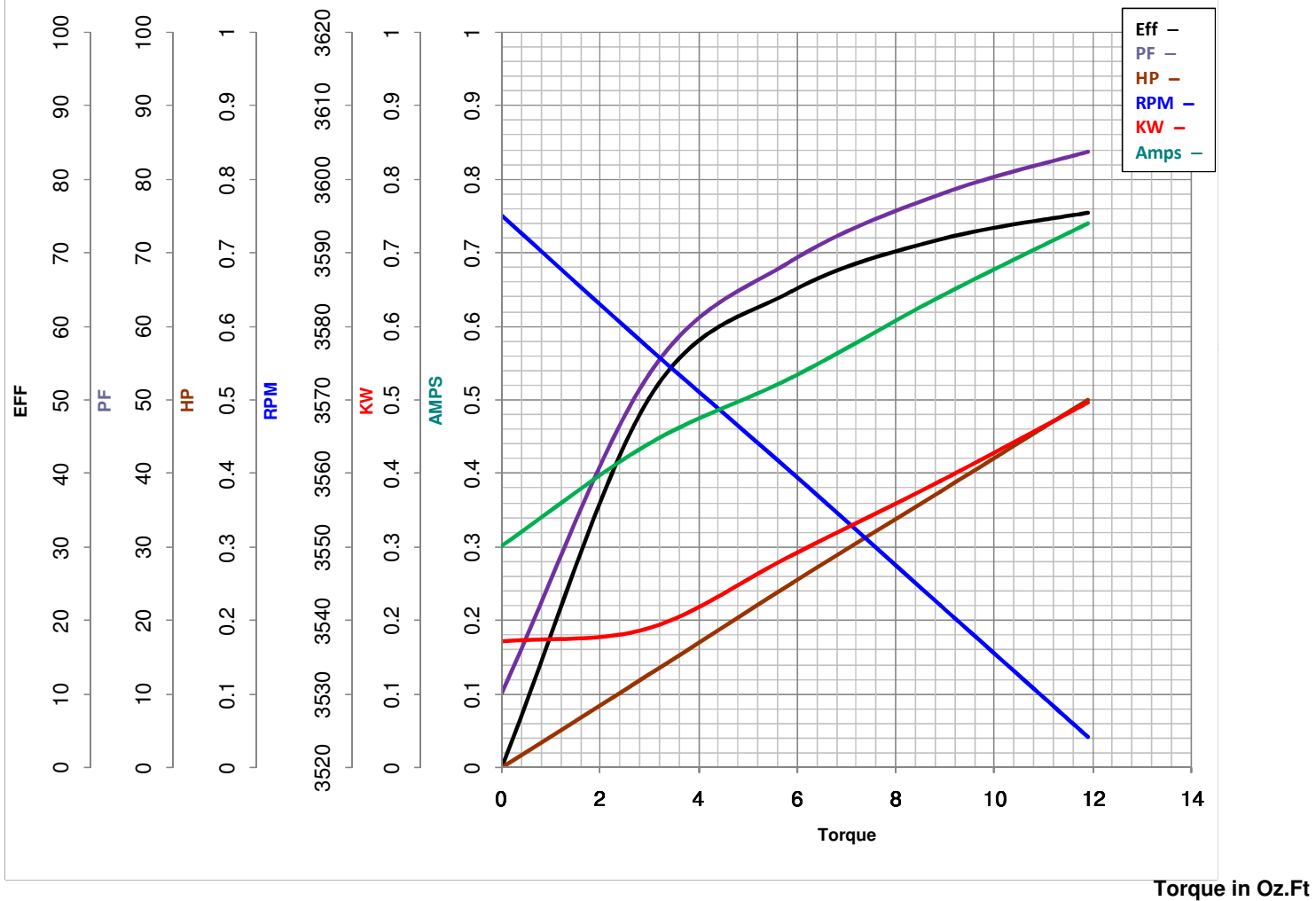
VOLTAGE	L1	L2	L3	JOIN & INSULATE
HIGH	T1	T2	T3	(T4,T7) (T5,T8) (T6,T9)
LOW	T1,T7	T2,T8	T3,T9	T4,T5,T6

				TOLERANCES UNLESS SPECIFIED		 Regal Beloit America, Inc.			DRAWN RDW 04/12/02		
				DEC.	INCHES				CHK		
				.X	±.1				APPD		
				.XX	±.01				SCALE 1=1		
				.XXX	±.005	TITLE EXTERNAL WIRING DIAGRAM 3 PHASE W/O PROTECTOR			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 100449.00Catalog No 100449.00Curve at 460
60
0.5Volts
HZ
HPHP 0.50PHASE 3VOLTS 208-230/460HZ 60RPM 3450

FL TORQUE 11.9 Oz.Ft
 BD TORQUE 58.0 Oz.Ft
 LR TORQUE 45.2 Oz.Ft

FL AMPS 1.7-1.6/0.8
 PU TORQUE 42.5 Oz.Ft
 LR AMPS 7.2

WINDING T55217-3

Date 6/7/2018