

# PRODUCT INFORMATION PACKET



Model No: C4T34FB3C  
Catalog No: 100960.00  
3/4HP..3450/2850RPM.48.TEFC.208-  
230/460V.3PH.60/50HZ.CONT.NOT.40C.1.25/1.25SF.RIGID.GENERAL PURPOSE.C4T34FB3C  
Totally Enclosed Fan Cooled (TEFC)



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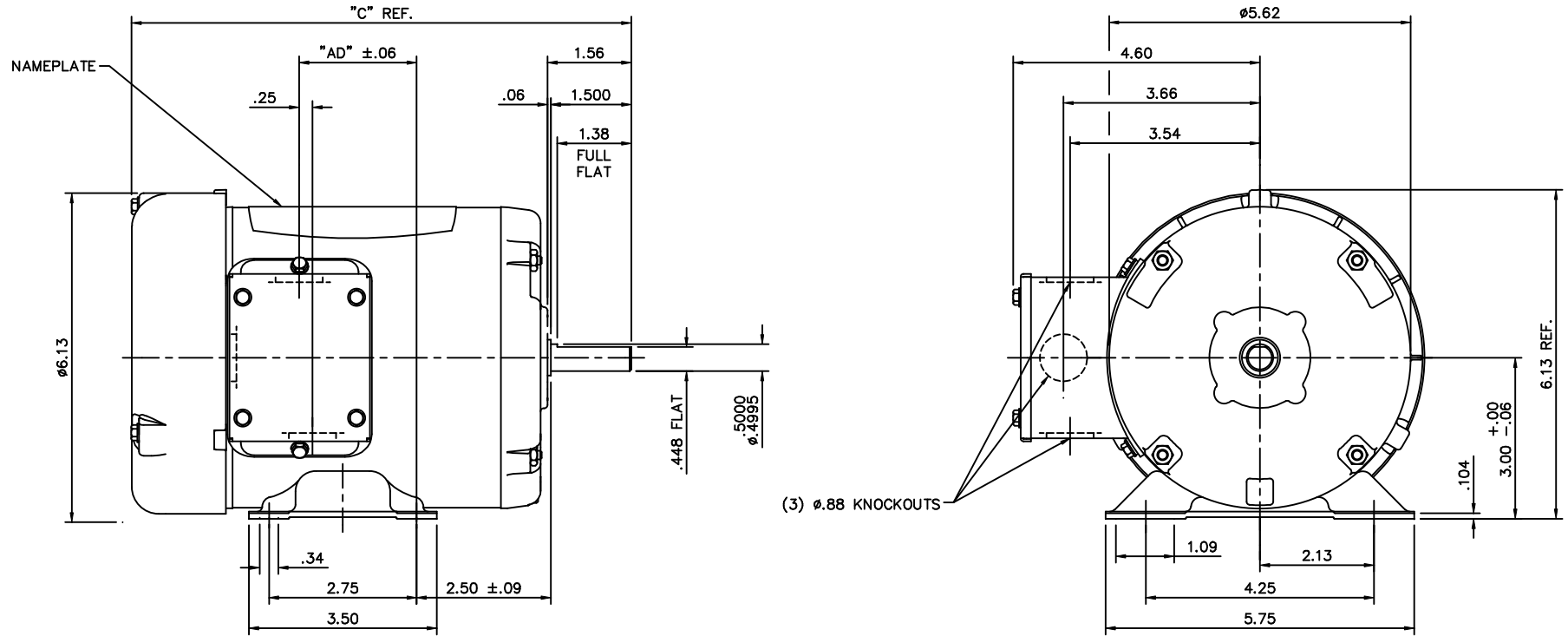
### Nameplate Specifications

Output HP	0.75 Hp	Output KW	0.56 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	2.5-2.4/1.2 A	Speed	3450 rpm
Service Factor	1	Phase	3
Efficiency	77 %	Duty	Continuous
Insulation Class	F	Design Code	NO DESIGN CODE
KVA Code	K	Frame	48
Enclosure	Totally Enclosed Fan Cooled	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	Rigid base	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	5.50 in
Shaft Diameter	0.500 in	Shaft Extension	1.5 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	031809-550	Connection Diagram	005010.01

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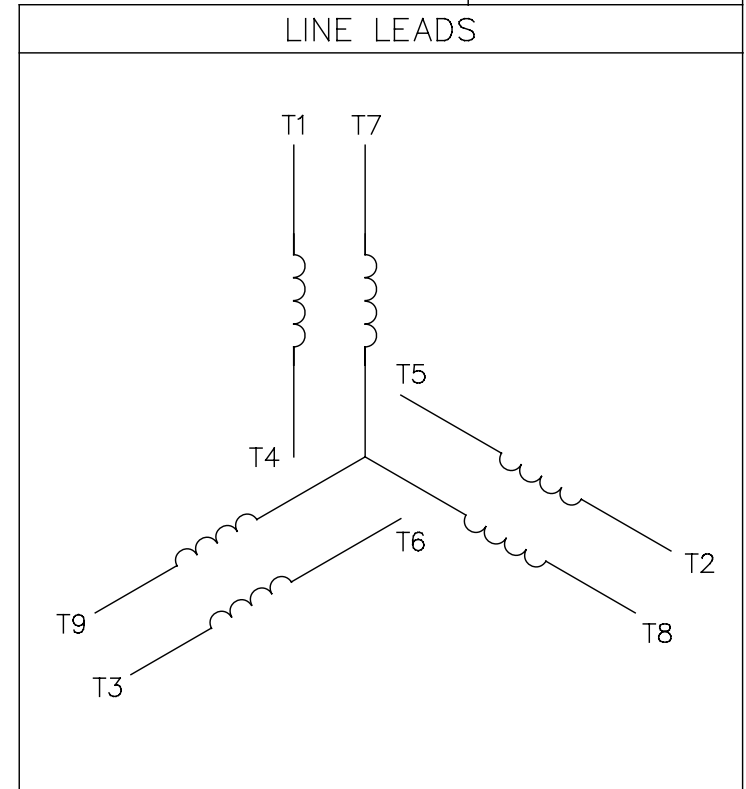
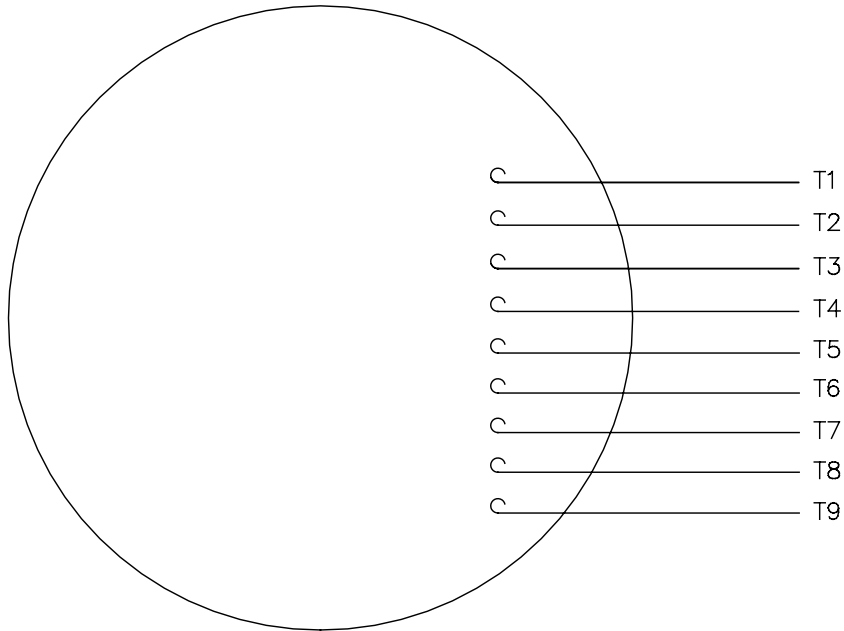
DASH NO.	"C"	"AD"
450	8.81	1.69
475	9.06	1.94
500	9.31	2.19
525	9.56	2.44
550	9.81	2.69
575	10.06	2.94
600	10.31	3.19
625	10.56	3.44
650	10.81	3.69
675	11.06	3.94

GASKETS THROUGHOUT

			TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN PG 02/21/05
			DEC.	INCHES		CHK
			.X	±.1		APPD PG 02/21/05
			.XX	±.03		SCALE 1=2
			.XXX	±.005	TITLE OUTLINE - 48 FRAME RIGID MOUNT - TEFC	REF 030308
			.XXXX	±.0005	MAT'L 3 PHASE	FMF 100905.00
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	031809	SIZE B
			DIST			DRAWING NO. 031809
						REV.

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 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			
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				DIST		BRF-NLV		A	005010-01	A	



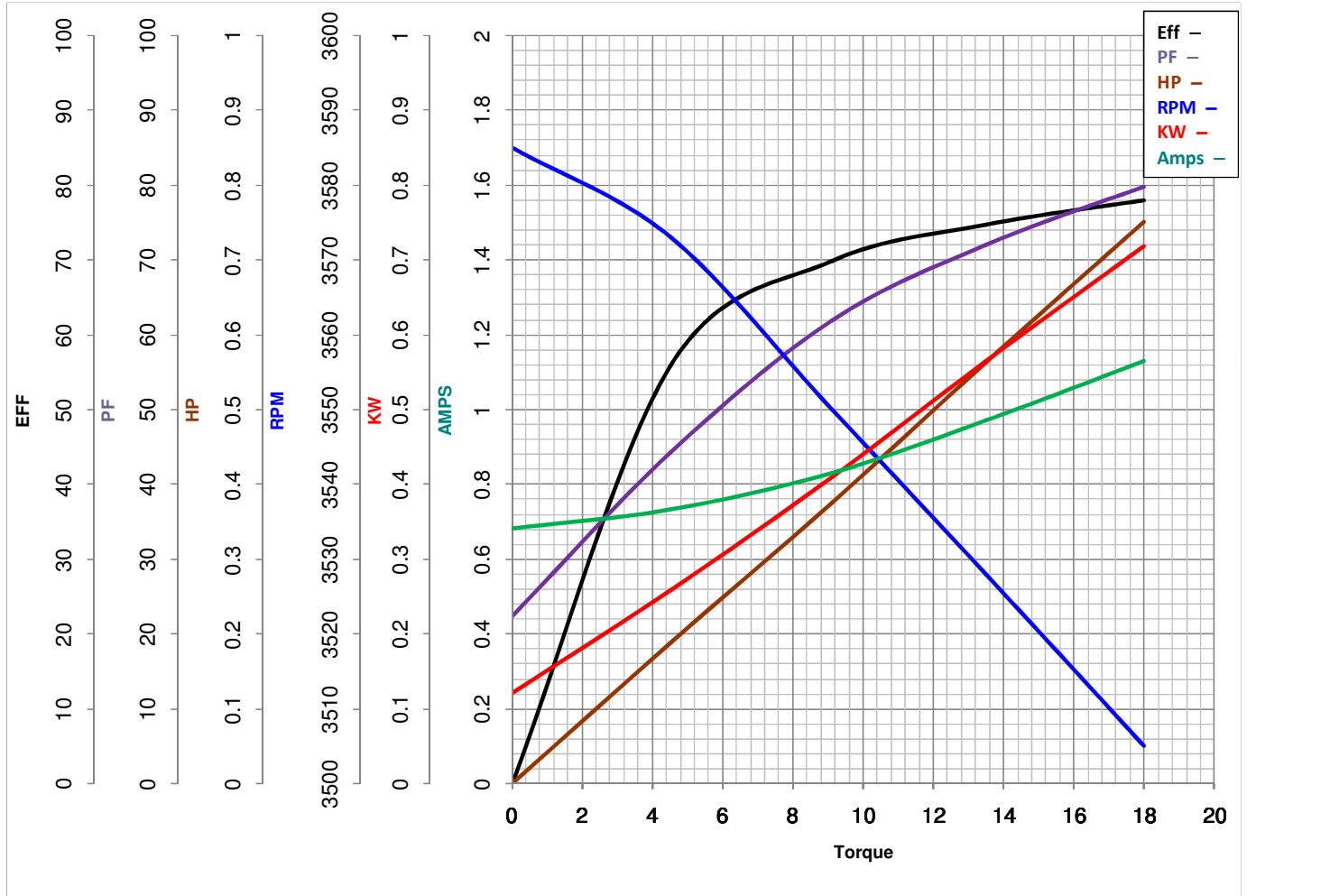
**LEESON ELECTRIC CORPORATION**  
TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 100960.00

Catalog No 100960.00

Curve at 460 Volts      HP 0.75&0.75      PHASE 3  
60 HZ  
0.75 HP      VOLTS 208-230/460&208-230/460

HZ 60&50      RPM 3450&2850



Torque in Oz.Ft

FL TORQUE 18 Oz.Ft  
BD TORQUE 73.3 Oz.Ft  
LR TORQUE 53.6 Oz.Ft

FL AMPS 2.5-2.4/1.2  
PU TORQUE 48.0 Oz.Ft  
LR AMPS 8.54

WINDING T5527-3

Date 5/22/2018