

PRODUCT INFORMATION PACKET



Model No: C215T48FB48C

Catalog No: 140448.00

10/2.5HP..1740/860RPM.215.TEFC./460V.3PH.60HZ.CONT.NOT.40C.1.0SF.RIGID.TWO-
SPEED.C215T48FB48C

2 Speed



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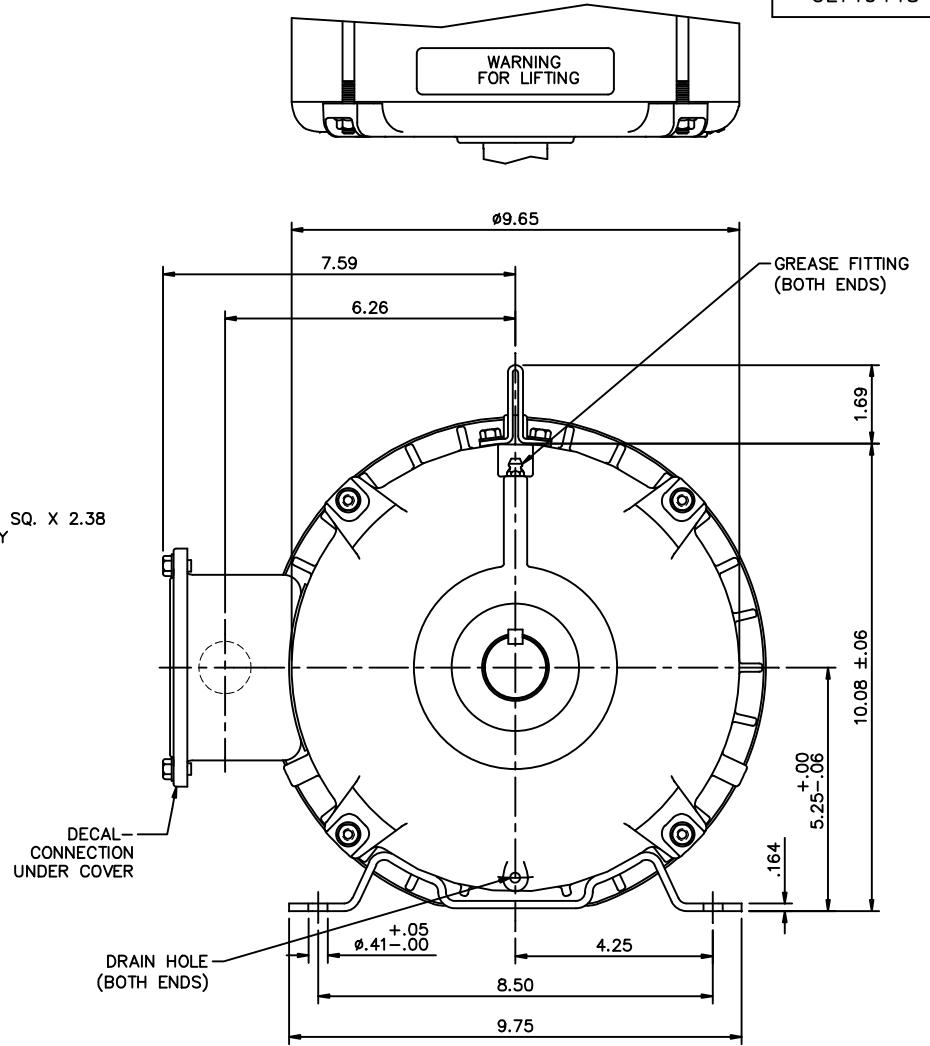
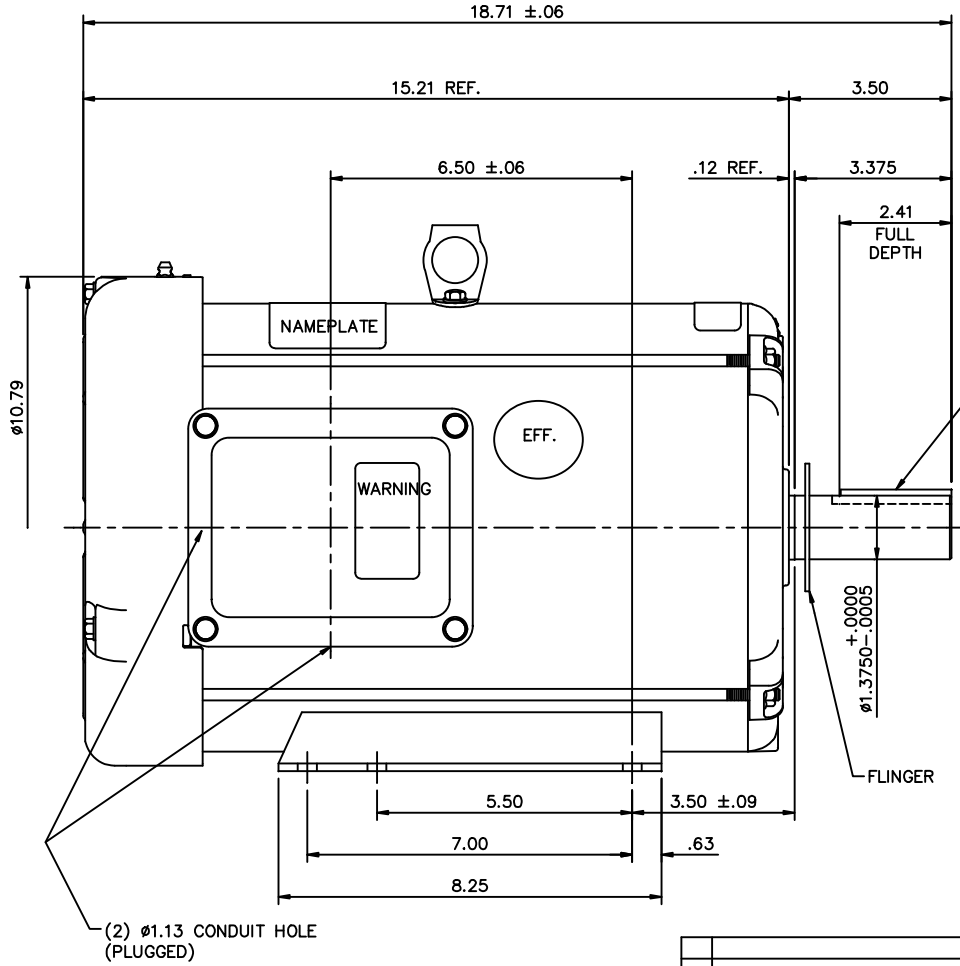


Nameplate Specifications

Output HP	10 Hp	Output KW	7.5 kW
Frequency	60 Hz	Voltage	460 V
Current	12.7 A	Speed	1740 rpm
Service Factor	1	Phase	3
Efficiency	87.5 %	Duty	Continuous
Insulation Class	F	Design Code	NO DESIGN CODE
KVA Code	H	Frame	215T
Enclosure	Totally Enclosed Fan Cooled	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6207
Opp Drive End Bearing Size	6206	UL	Recognized
CSA	Y	CE	N
IP Code	43		

Technical Specifications

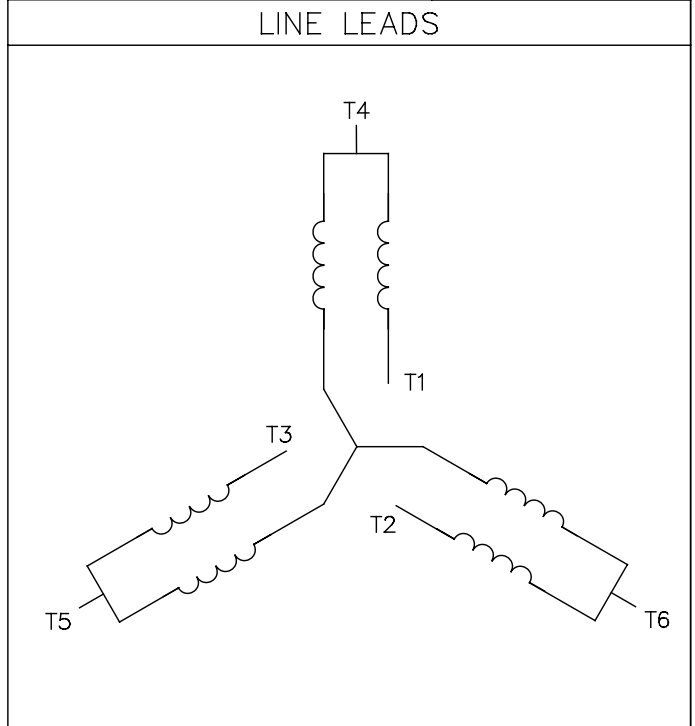
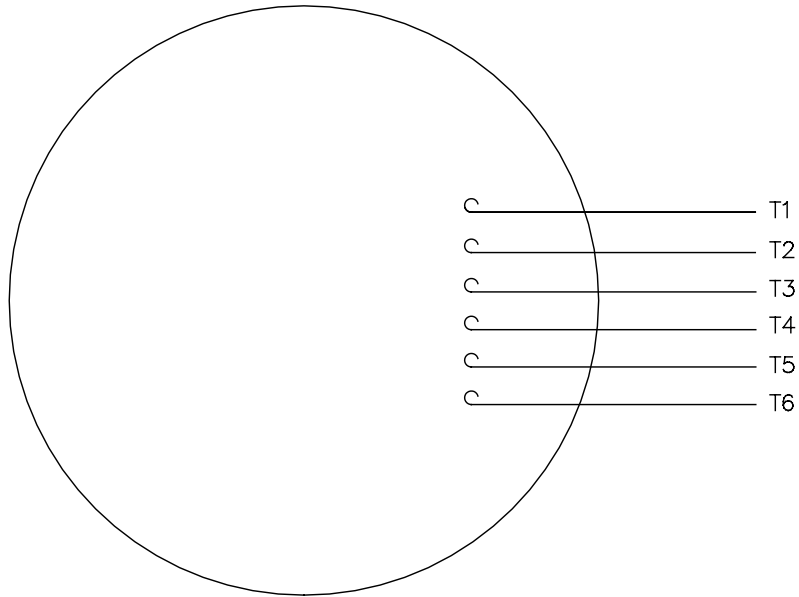
Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Mounting	Rigid base	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	T
Overall Length	18.71 in	Frame Length	12.00 in
Shaft Diameter	1.375 in	Shaft Extension	3.38 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Outline Drawing	OL140448	Connection Diagram	005200.01



				TOLERANCES UNLESS OTHERWISE SPECIFIED			LEESON ELECTRIC CORPORATION		
				DEC.	INCHES	METRIC			
				.X	±.1	±2.5	DRAWN RDW 05/10/00	TITLE OUTLINE - N215T FRAME	
01	REMOVED "LEESON" FROM COUDUIT BOX COVER	BPW 05/16/01		.XX	±.03	±.76	APPR. DWF 05/10/00	TEFC - RIGID MOUNT	
	EFF. 07/31/01			.XXX	±.005	±.127	R.F.P. 05/28/00	MAT'L.	
NO.	REVISION	BY & DATE	CH'K'D.	.XXX	±.0005	±.0127	SCALE 3=8	NLV	
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.				FRACTIONS	±1/64	REF. 037511	FINISH STANDARD	REV. 01	DRAWING NO. OL140448
				ANGLES	±1/2°	FMF			

005200-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



SPEED	L1	L2	L3	JOIN	SEPARATE
HIGH	T6	T4	T5	(T1,T2,T3)	
LOW	T1	T2	T3		(T4)(T5) (T6)

				TOLERANCES UNLESS OTHERWISE SPECIFIED		Regal Beloit America, Inc.				
				DECIMALS						
				.00	± .01	DRAWN PG 08/08/83	TITLE EXTERNAL WIRING DIAGRAM TYPE "T" W/O PROTECTOR			
04	SPEED WAS VOLTAGE	EPB	1/17/00	.000	± .005	CH'K'D. DLL 08/09/83				
03	REDRAWN TO CURRENT STANDARDS	DBT	05/30/97	.0000	± .0005	APPR. KG 08/09/83	MAT'L DECAL - 004183/080066 2 SPEED 1 WDG. VARIABLE TORQUE MOTOR			
NO.	REVISION	BY	DATE	FRACTIONS	± 1/64	SCALE 1=1				
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				ANGLES		± 1/2°	REF. 080066	FINISH	SIZE	DRAWING NO.
				INCH/MM			FMF 83648D1		A	005200-01

Data Sheet

Date: 1/31/2018

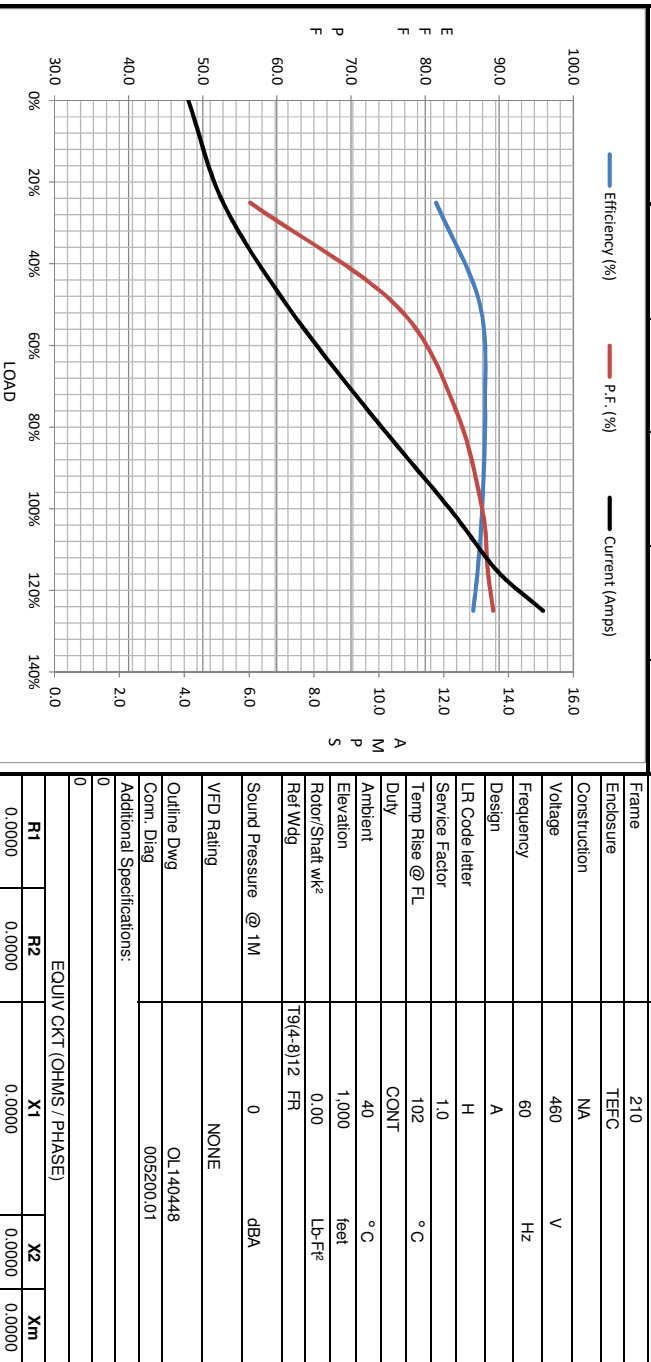
140448.00



Data @ 460 V

Motor Load Data						
Load	0%	25%	50%	75%	100%	LR
Current (Amps)	4.1	5.2	7.2	9.6	12.2	99.5
Torque (ft-lb)	0.00	7.5	15.0	22.5	30.0	66.7
RPM	1800	1789	1779	1767	1754	0
Efficiency (%)		81.5	87.4	88.1	87.7	
P.F. (%)	11.0	56.4	76.0	84.0	87.7	0.0

Motor Speed Data							Information Block																						
	LR	Pull-Up	BD	Rated	Idle		HP	Sync. RPM	Frame	Enclosure	Construction	Voltage	Frequency	Design	LR Code letter	Service Factor	Temp Rise @ FL	Duty	Ambient	Elevation	Rotor/Shaft wk ²	Ref Wdg	Sound Pressure @ 1M	VFD Rating	Outline Dwg	Conn. Diag	Additional Specifications:		
Speed (RPM)	0	200	1350	1754	1800		10.0	1800	210	TEFC	NA	460	60	A	H	1.0	102	CONT	40 °C	1,000	0.00	19(4-8)12 FR	0	NONE	OL140448	005200.01			
Current (Amps)	99.5	91.5	59.7	12.2	4.1																								
Torque (ft-lb)	66.7	65.0	106	30.0	0.00																								



EQUIV CKT (OHMS / PHASE)			
R1	R2	X1	Xm
0.0000	0.0000	0.0000	0.0000

