

PRODUCT INFORMATION PACKET



Model No: LM20171
Catalog No: LM20171
OBSOLETE - 10,1800,TEFC,215T,3/60/230/460

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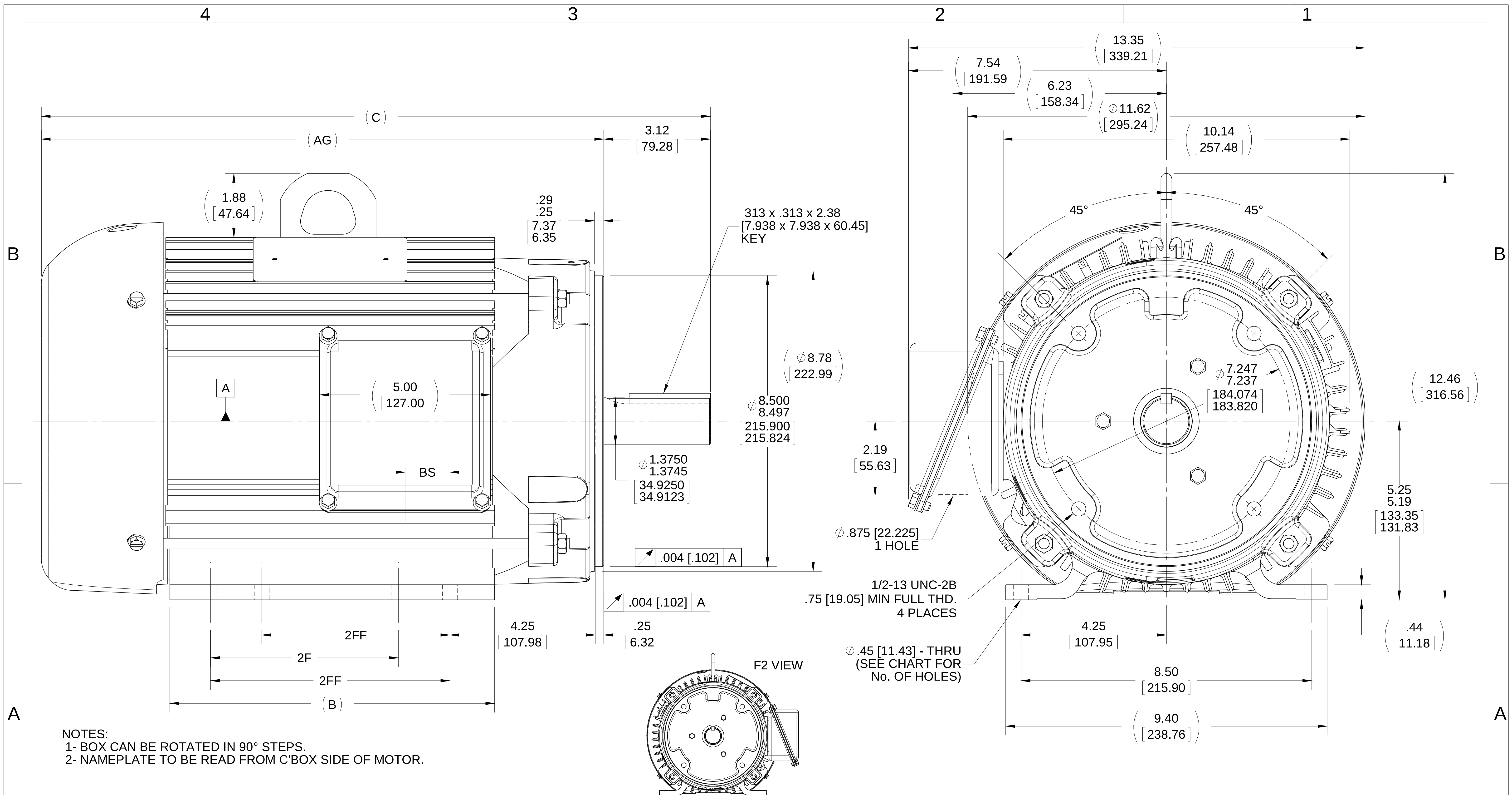
Nameplate Specifications

Phase	3	Output HP	10 & 10 Hp
Output KW	7.5 & 7.5 kW	Voltage	230/460 & 208/415 V
Speed	1745 & 1440 rpm	Service Factor	1.25 & 1.0
Frame	215TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	89.5 & 86.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	27/13.5 & 31/15.5 A	Power Factor	78
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	208	Opp Drive End Bearing Size	206
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	1.16 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Aluminum
Shaft Type	T	Assembly/Box Mounting	F2/F1 CAPABLE
Outline Drawing	B-SS330102LN-950	Connection Drawing	A-EE7308-LN

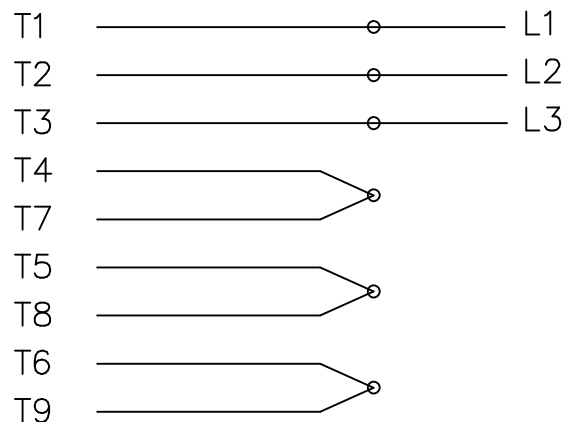
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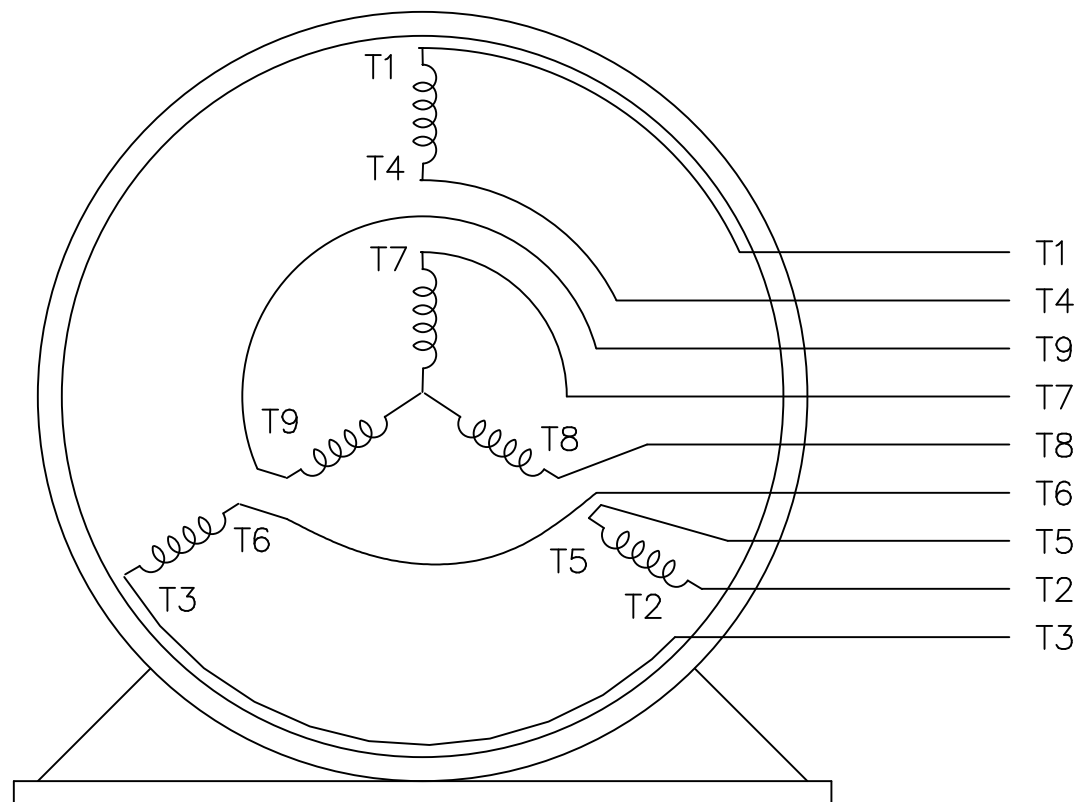
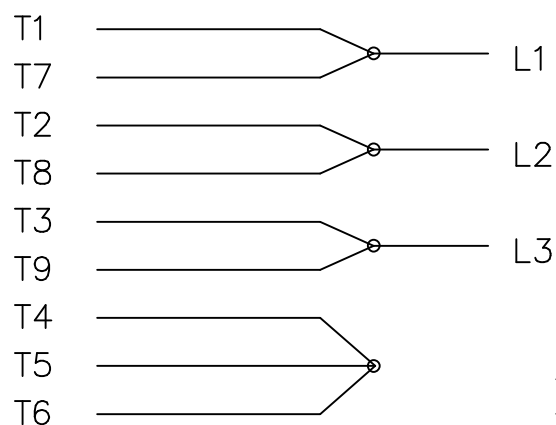
									DRAWING REVISION F			REVISION BY JHA			DATE 04-14-2015			TOLERANCES UNLESS OTHERWISE SPECIFIED: DEC. INCH mm ANGLE .X ±0.1 [±2.5] ±7° 30" .XX ±0.03 [±0.76] .XXX ±0.005 [±0.127] .XXXX ±0.0005 [±0.0127] REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [0.076/.381] X 45° CORNER FILLETS: R.02 [0.51] MACHINED SURFACES: 200 INCH/mm SHOWN IN [BRACKETS]					DRAWN BY MJK			REGAL™ Regal Beloit America, Inc. OUTLINE 210TC FR - ALUM FR - TEFC																					
									ECO ECO-0073312			APPROVED BY DJK			DATE 04-14-2015								DATE 08-30-2004								DESCRIPTION																
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																							THIRD ANGLE PROJECTION											SIZE B	DRAWING NUMBER SS330102LN					SHEET 1 OF 1							
DASH						FRAME		B	C	AG	2F	2FF	BS	No. OF MTG HOLES																																	
800						213TC		8.12 [206.25]	18.07 [458.98]	14.95 [379.73]	5.50 [139.70]	- - -	1.33 [33.76]	4																																	
950						213/5TC		9.62 [244.35]	19.57 [497.08]	16.45 [417.83]	5.50 [139.70]	7.00 [177.80]	1.33 [33.76]	8																																	
1050						215TC		10.62 [269.75]	20.57 [522.48]	17.45 [443.23]	7.00 [177.80]	8.00 [203.20]	1.33 [33.76]	8																																	
4												3												2												1											

THREE PHASE
DUAL VOLTAGE MOTOR

HIGH VOLTAGE



LOW VOLTAGE



VIEW OF TERMINAL END

REF.
WINDING DIAGRAM

T8Y, T2Y, T2BL, T4BX, T2EC, T2G
T6BZ, T2B, T6BL, T4AV, T6B, T4B

OPTIONAL CORD
CONNECTION

L1 — WHITE
L2 — RED
L3 — BLACK

			TOLERANCES UNLESS SPECIFIED			DRAWN BLR 06/11/1999		
			DEC.	INCHES		CHK	ML	06/18/1999
			.X	±.1		APPD	GK	06/18/1999
3	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS	.XX ±.02	TITLE CONNECTION DIAGRAM 3Ø — DUAL VOLTAGE MOTOR MAT'L. FINISH	SCALE 1=1		
2	RE-ISSUE, ADDED '-' TO PART NUMBER	BLR 08/09/1999	GK	.XXX ±.005		REF		
1	NEW DRAWING	BLR 06/18/1999	GK	.XXXX ±.0005		FMF		
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH	PREV	
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