

PRODUCT INFORMATION PACKET



Model No: B199983.00
Catalog No: B199983.00
OBSOLETE REPLACED BY 324TTFCD6007

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Nameplate Specifications

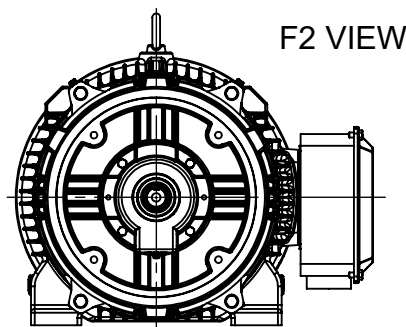
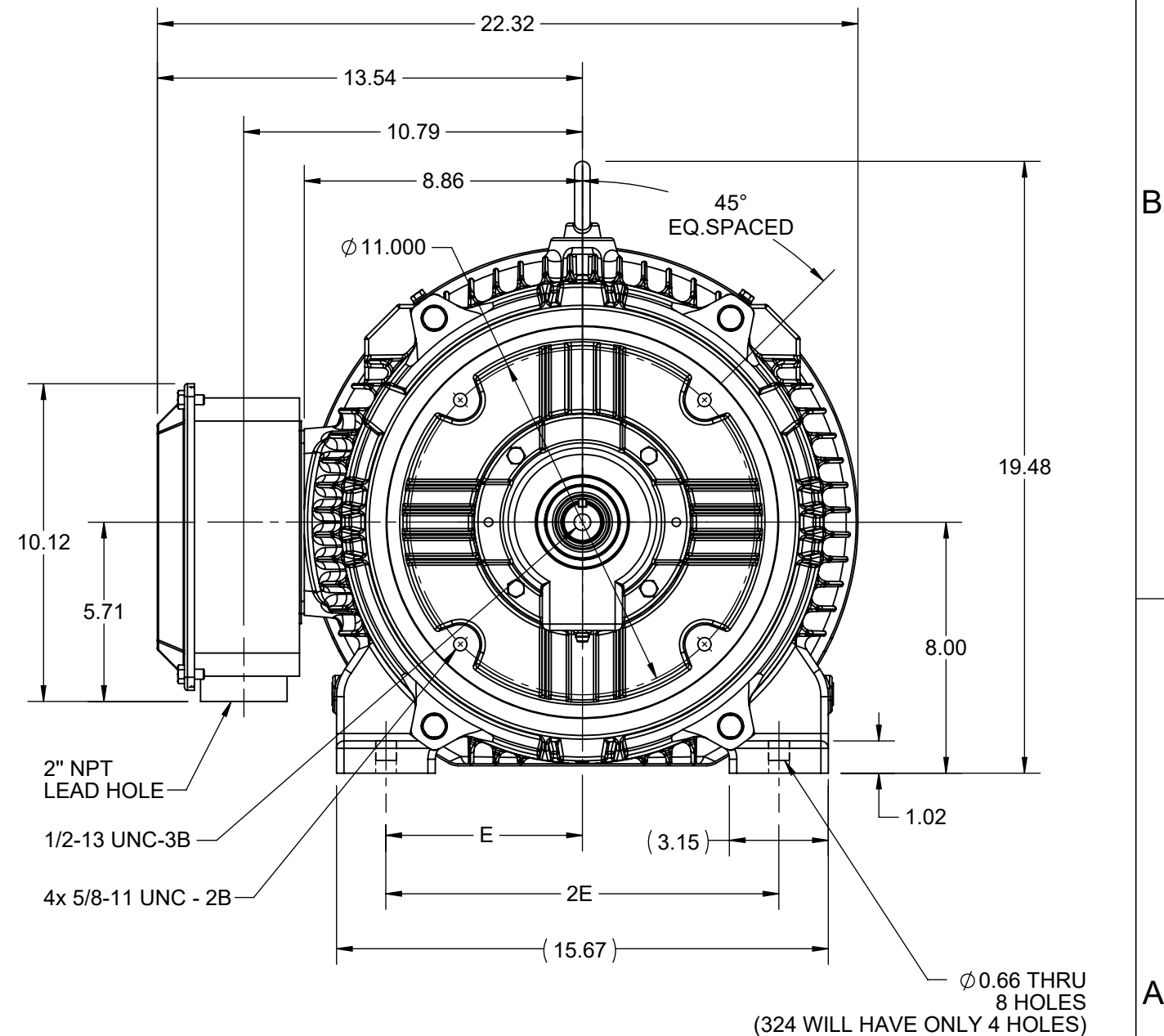
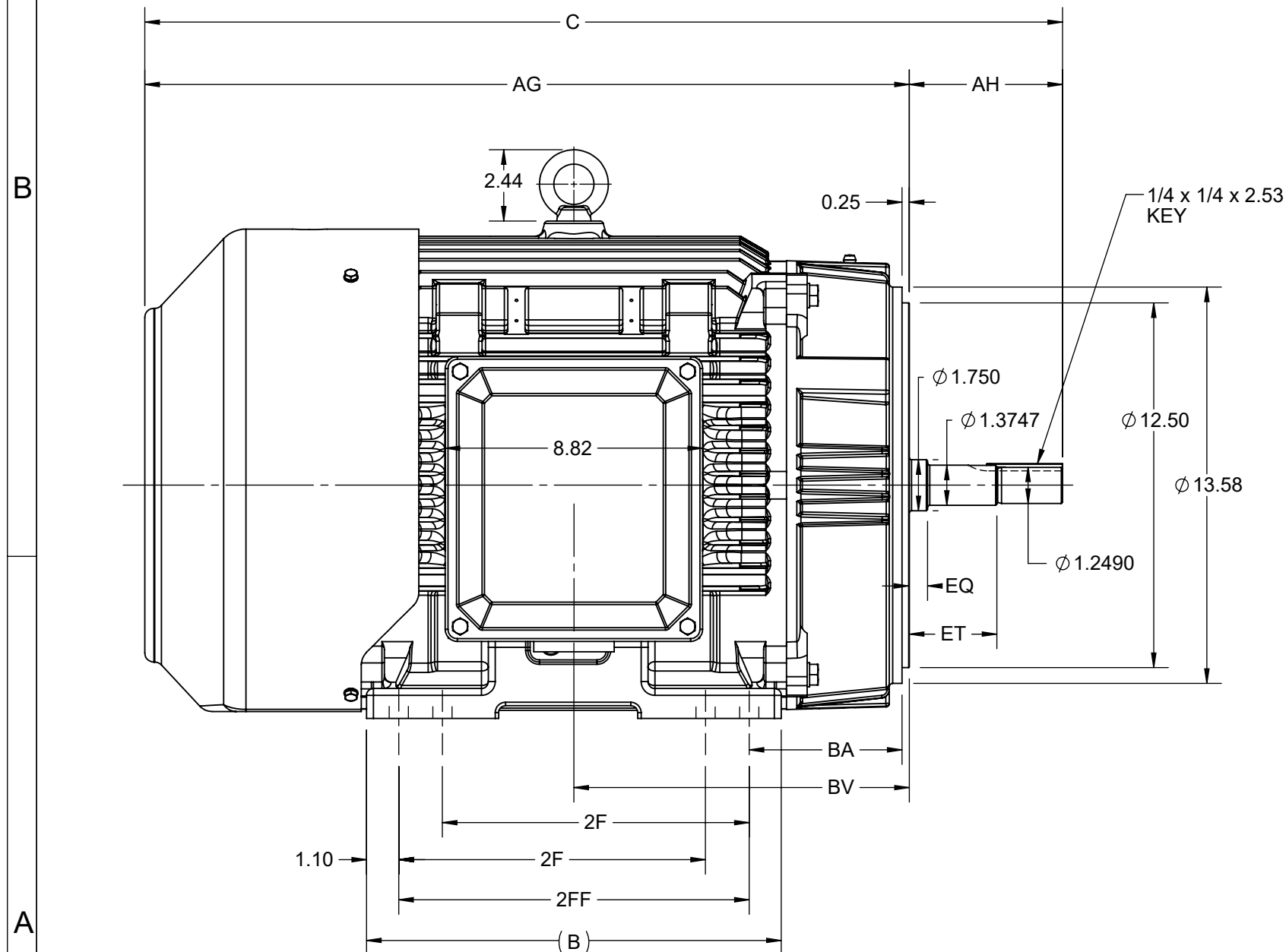
Phase	3	Output HP	40 & 30 Hp
Output KW	30.0 & 22.4 kW	Voltage	230/460 & 190/380 V
Speed	3565 & 2968 rpm	Service Factor	1.15 & 1.15
Frame	324JM	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	92.4 & 92.4 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	92/46 & 84/42 A	Power Factor	88
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6312	Opp Drive End Bearing Size	6212
UL	Listed	CSA	Y
CE	Y	IP Code	55
Number of Speeds	1	Hazardous Location	DIVISION 2 T2B

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Wye Start Delta Run Or Inverter
Poles	2	Rotation	Reversible
Resistance Main	.1736 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	JM	Assembly/Box Mounting	F1/F2 CAPABLE
Inverter Load	CONSTANT 10:1/VARIABLE 10:1		
Outline Drawing	SS620799-324JM	Connection Drawing	EE7308AA

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4					3					2					1				
DASH NO.	B	C	E	2E	2F	2FF	AG	AH	BA	BV	EQ	ET	MOUNTING	FRAME					
100	12.71	29.95	6.25	12.50	----	10.50	24.70	5.25	5.25	10.75	0.64	3.00	F1 OR F2	324JM					
200	14.21	31.44			10.50	12.00	26.19			11.50				324/326JM					



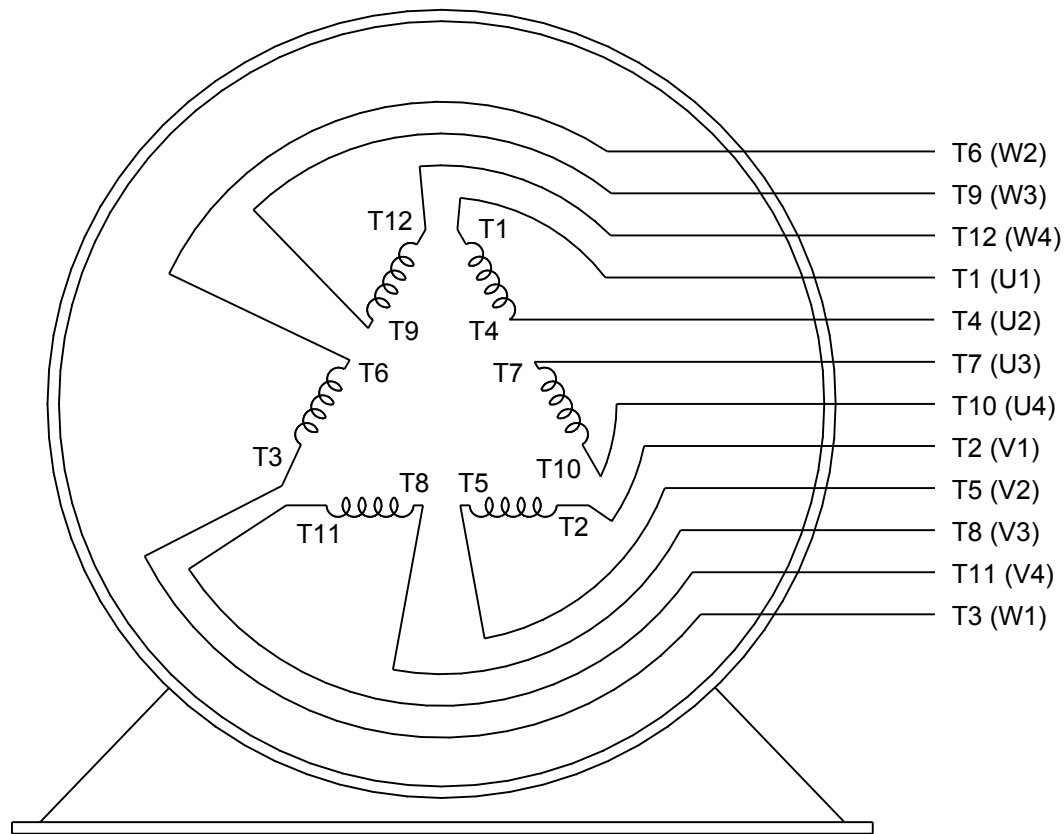
DRAWING REVISION D		REVISION BY ASHOK N		REV DATE/© DATE 23/12/2020		 Regal Beloit America, Inc.	
ECO CR-0000301		APPROVED BY GNK		DATE 23/12/2020			
ECO DESCRIPTION							
DRAWING UPDATED							
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DRAWN BY SN		DATE 17/04/2017		APPROVED BY SBD		DESCRIPTION	
DATE 17/04/2017		REFERENCE		MATERIAL		PROCESS/FINISH	
THIRD ANGLE PROJECTION				SIZE B		DRAWING NUMBER SS620799	
						SHEET 1 OF 1	



LOW VOLTAGE



HIGH VOLTAGE



VIEW OF TERMINAL END

DRAWING REVISION K	REVISION BY AJW	DATE 07-17-2015
ECO ECO-0081632	APPROVED BY T. VUE	DATE 07-17-2015
ECO DESCRIPTION REV'D IEC MARKINGS PER IEC 60034-8		
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DRAWN BY LZ	THIRD ANGLE PROJECTION
DATE 01-12-1994	
APPROVED BY GK	
DATE 01-14-1994	
REFERENCE	

 Regal Beloit America, Inc.		
DESCRIPTION CONN DIAGRAM-EXTERNAL 3Ø-2/1 DELTA-12 LEADS		
MATERIAL	PROCESS/FINISH	
SIZE A	DRAWING NUMBER EE7308AA	SHEET 1 OF 1