

# PRODUCT INFORMATION PACKET



Model No: B199068.00

Catalog No: B199068.00

General Purpose Motor, 40 & 30 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 & 1500 RPM,  
324TC Frame, TEFC

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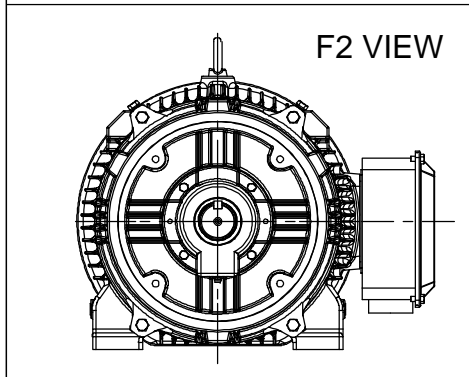
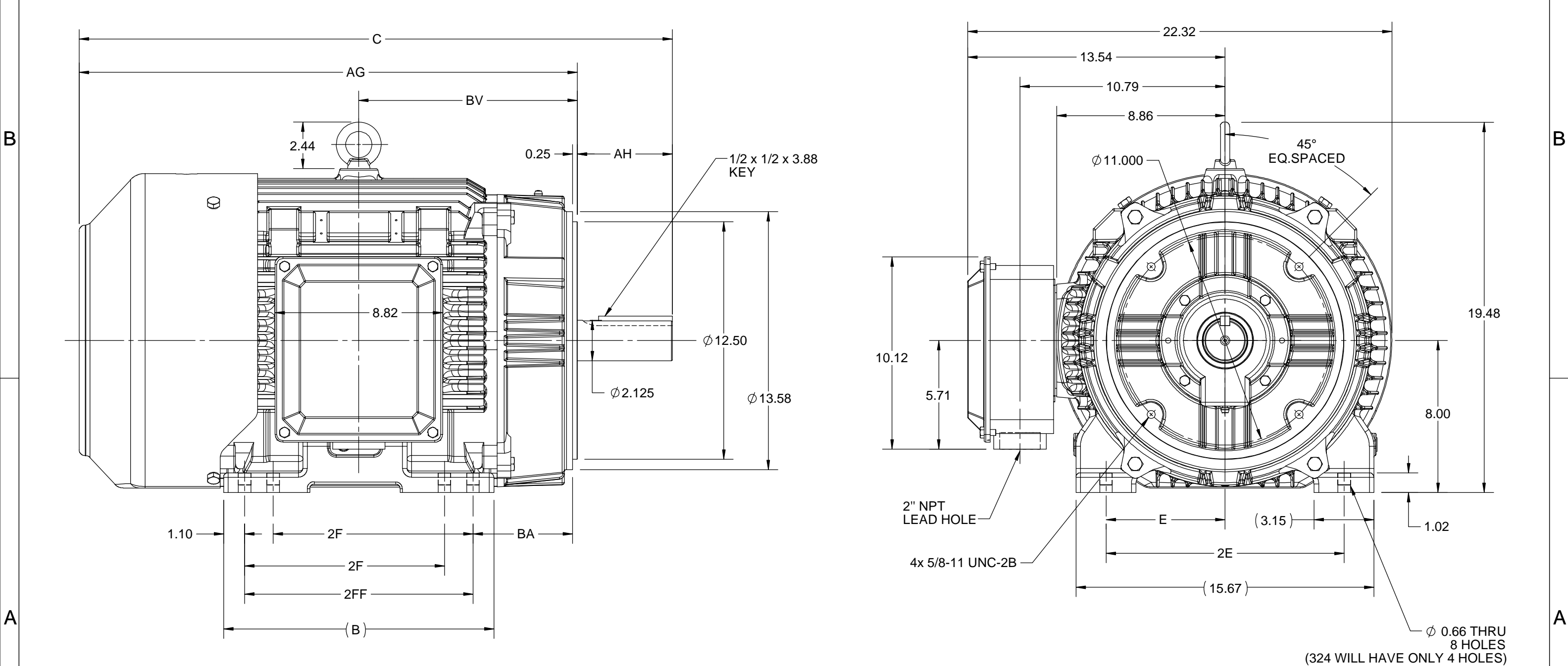
### Nameplate Specifications


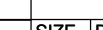
Phase	3	Output HP	40 & 30 Hp
Output KW	30.0 & 22.4 kW	Voltage	230/460 & 190/380 V
Speed	1782 & 1485 rpm	Service Factor	1.15 & 1.15
Frame	324TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	94.1 & 93.9 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	95/47.5 & 86/43 A	Power Factor	84
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	4	Rotation	Reversible
Resistance Main	.18 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Overall Length	29.69 in
Shaft Diameter	2.125 in	Shaft Extension	5.25 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Outline Drawing	SS312784-324TC	Connection Drawing	EE7308AA

4				3						2			1	
DASH NO.	B	C	E	2E	2F	2FF	AG	AH	BA	BV	MOUNTING	FRAME		
100	12.71	29.69	6.25	12.50	---	10.50	24.69	5.00	5.25	10.75	F1 OR F2	324TC		
200	14.21	31.19			10.50	12.00	26.19			11.50		324/326TC		



DRAWING REVISION C		REVISION BY ASHOK N		REV DATE/© DATE 22-09-2020		DRAWN BY NIV		<div> Regal Beloit America, Inc.</div>			
ECO ECO-0192950		APPROVED BY GNK		DATE 22-09-2020						DATE 29/03/2016	
ECO DESCRIPTION										APPROVED BY SBD	
DRAWING UPDATED										DATE 29/03/2016	
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										OUTLINE 324/326TC FR-NEMA-TEFC	
						REFERENCE		MATERIAL		PROCESS/FINISH	
						THIRD ANGLE PROJECTION				SIZE B	
								DRAWING NUMBER		SHEET 1 OF 1	
								SS312784			



## 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	
DATE 01-12-1994	
APPROVED BY GK	
DATE 01-14-1994	
REFERENCE	
THIRD ANGLE PROJECTION	

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