

PRODUCT INFORMATION PACKET



Model No: B199017.00

Catalog No: B199017.00

Ultimate e™ General Purpose Motor, 15 & 10 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V,
1200 & 1000 RPM, 284T Frame, TEFC



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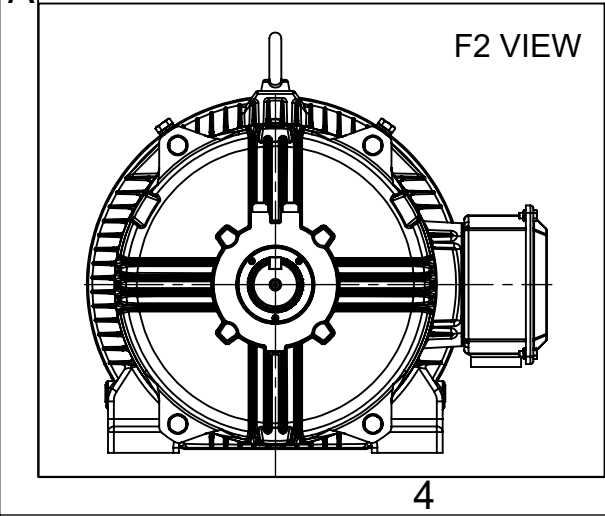
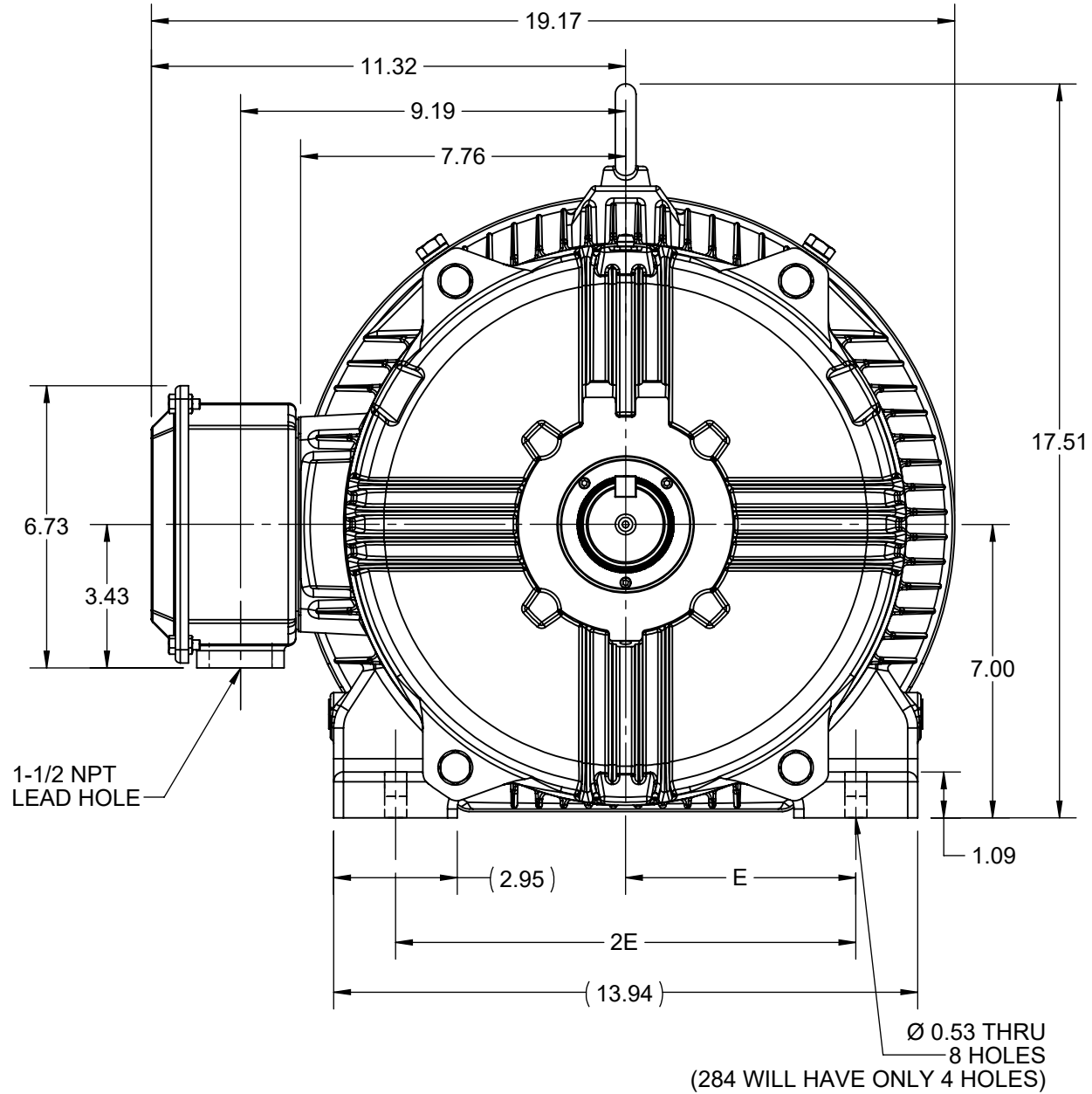
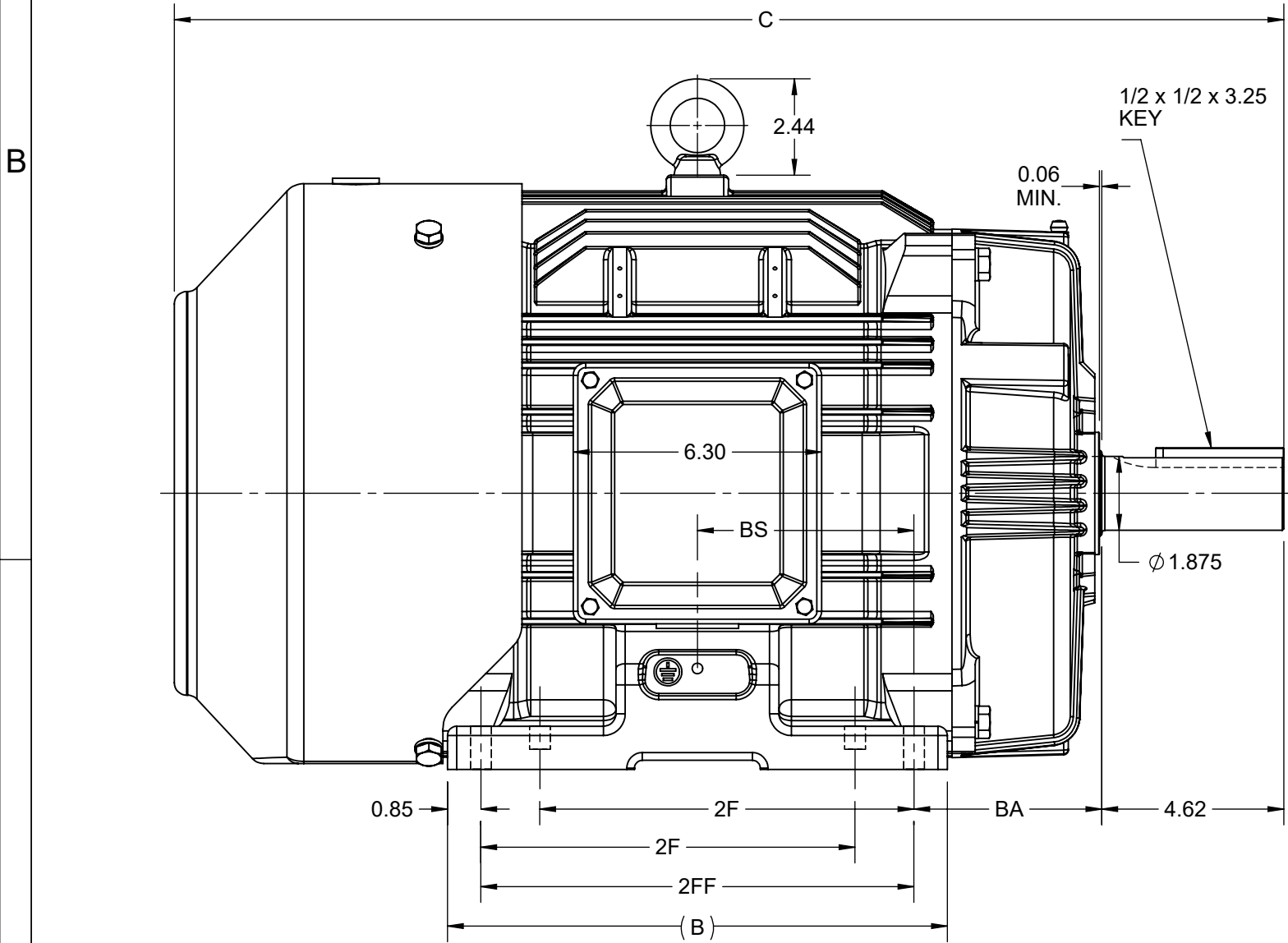
Nameplate Specifications

Phase	3	Output HP	15 & 10 Hp
Output KW	11.2 & 7.5 kW	Voltage	230/460 & 190/380 V
Speed	1182 & 985 rpm	Service Factor	1.15 & 1.15
Frame	284T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	91.7 & 91 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	40/20 & 34.5/17.2 A	Power Factor	77.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6311	Opp Drive End Bearing Size	6211
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	6	Rotation	Reversible
Resistance Main	.7445 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	26.65 in
Frame Length	11.83 in	Shaft Diameter	1.875 in
Shaft Extension	4.62 in	Assembly/Box Mounting	F1/F2 CAPABLE
Connection Drawing	EE7308AA	Outline Drawing	SS620704-284

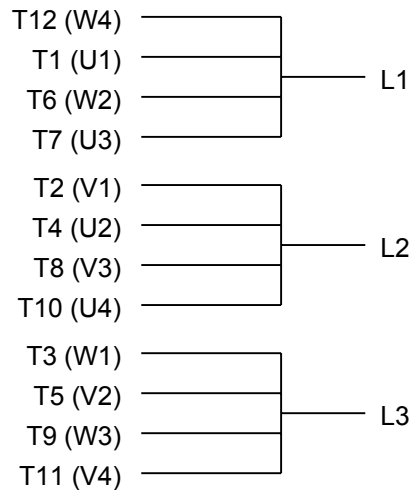
4					3					2	1
DASH NO.	B	C	E	2E	2F	2FF	BA	BS	MOUNTING	FRAME	
100	10.83	26.64	5.50	11.00	---	9.50	4.75	4.75	F1 OR F2	284T	
200	12.68	28.14			9.50	11.00		5.50		284/286T	



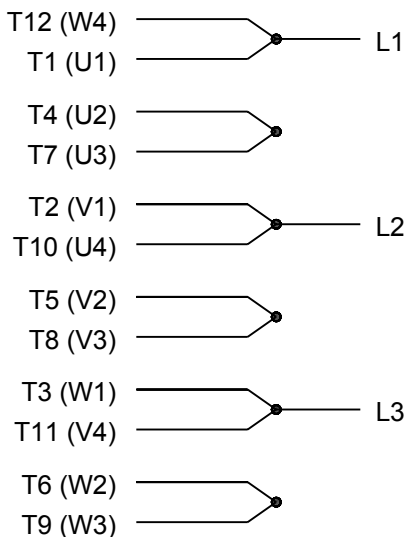
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ECO CR-0000305	APPROVED BY GNK	DATE 27-10-2020
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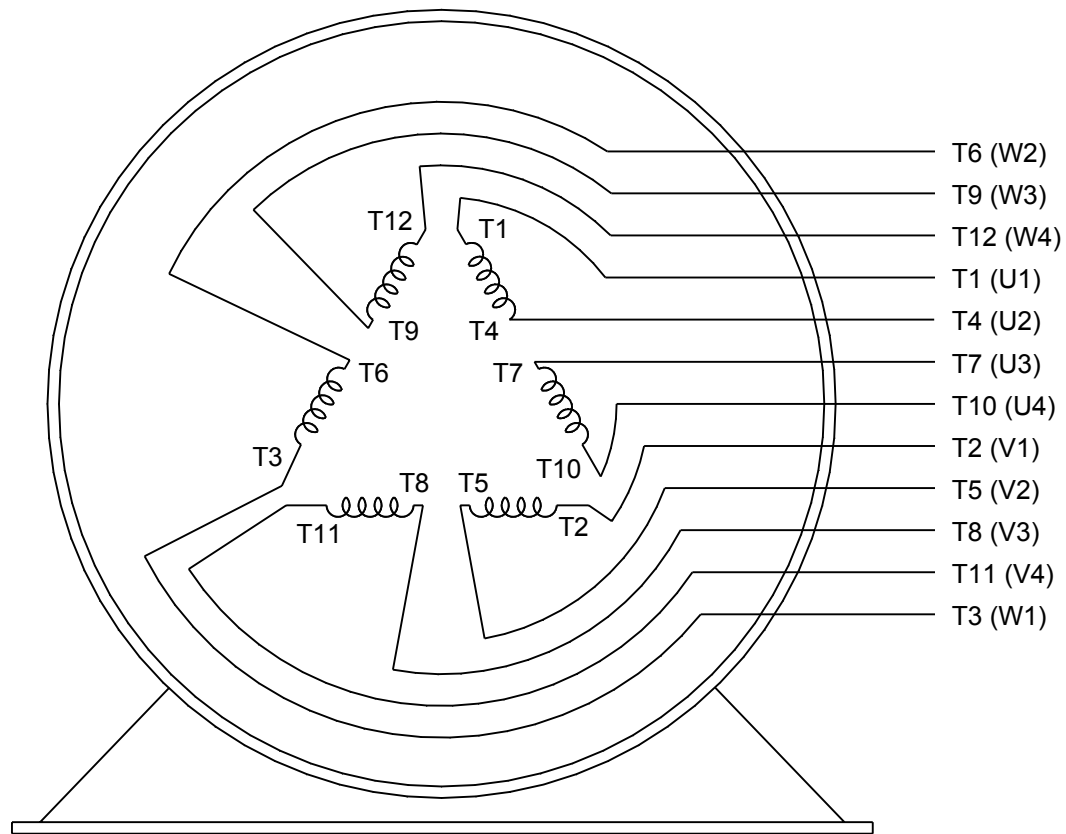
DRAWN BY MR	 Regal Beloit America, Inc.		
DATE 4/5/2015			
APPROVED BY KRK	DESCRIPTION OUTLINE 284/286T FR-TEFC-CAST IRON		
DATE 4/5/2015			
REFERENCE	MATERIAL	PROCESS/FINISH	
THIRD ANGLE PROJECTION	SIZE B	DRAWING NUMBER SS620704	SHEET 1 OF 1



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

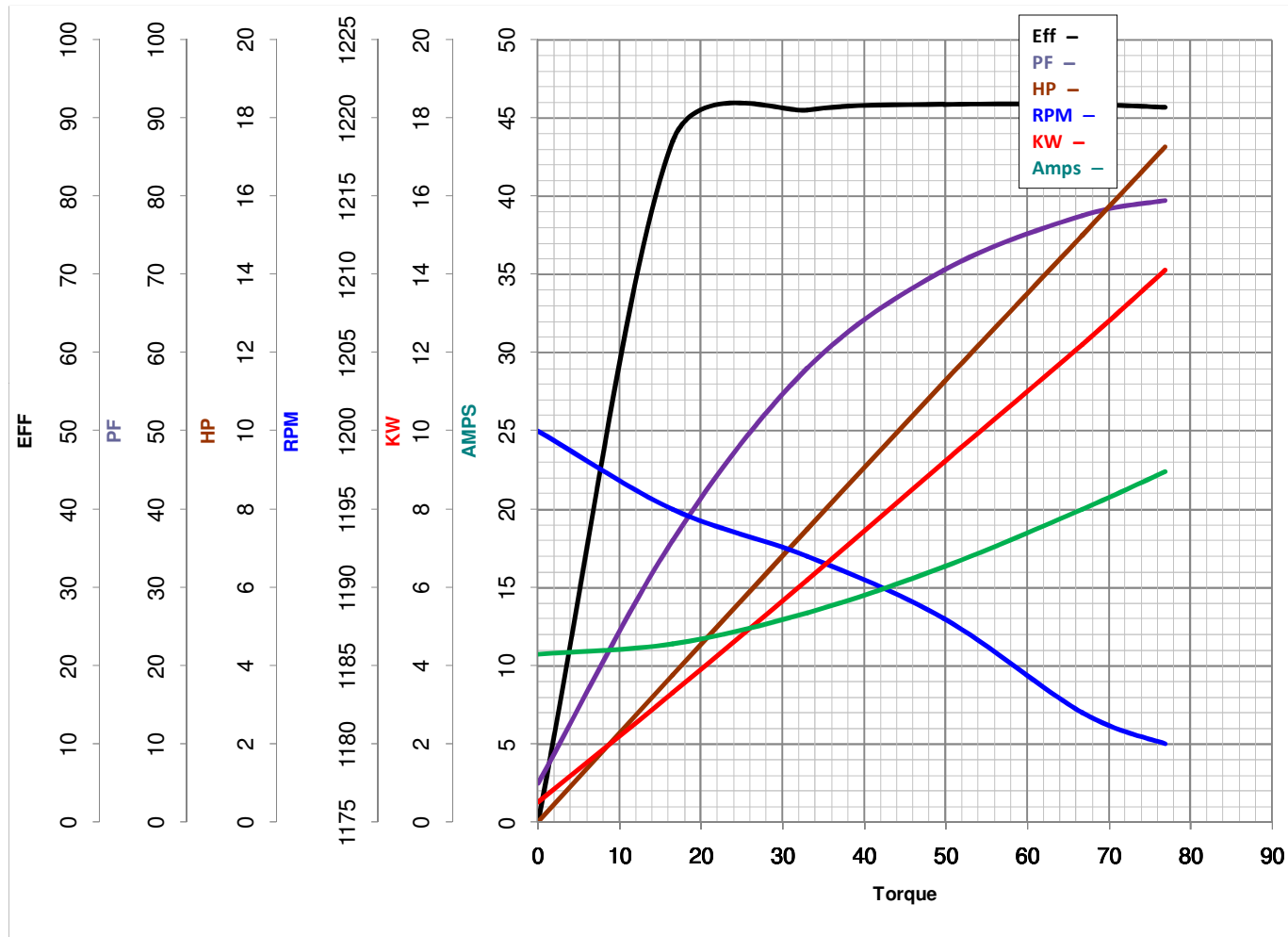
Model No B199017.00Catalog No B199017.00

LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Curve at 460
60
15

Volts
HZ
HP

HP 15&10PHASE 3VOLTS 230/460&190/380HZ 60&50RPM 1182&985

Torque in Lb.Ft

FL TORQUE 66.7 Lb.Ft
BD TORQUE 157.0 Lb.Ft
LR TORQUE 115 Lb.Ft

FL AMPS 40/20
PU TORQUE 97.0 Lb.Ft
LR AMPS 116

WINDING HE31806006-2

Date 5/29/2018