

PRODUCT INFORMATION PACKET

Model No: 811744.00

Catalog No: 811744.00

..60HP..900 RPM.405T.TEFC.460V.3PH.60HZ.CONTINUOUS.40C.1.15SF.RIGID.....

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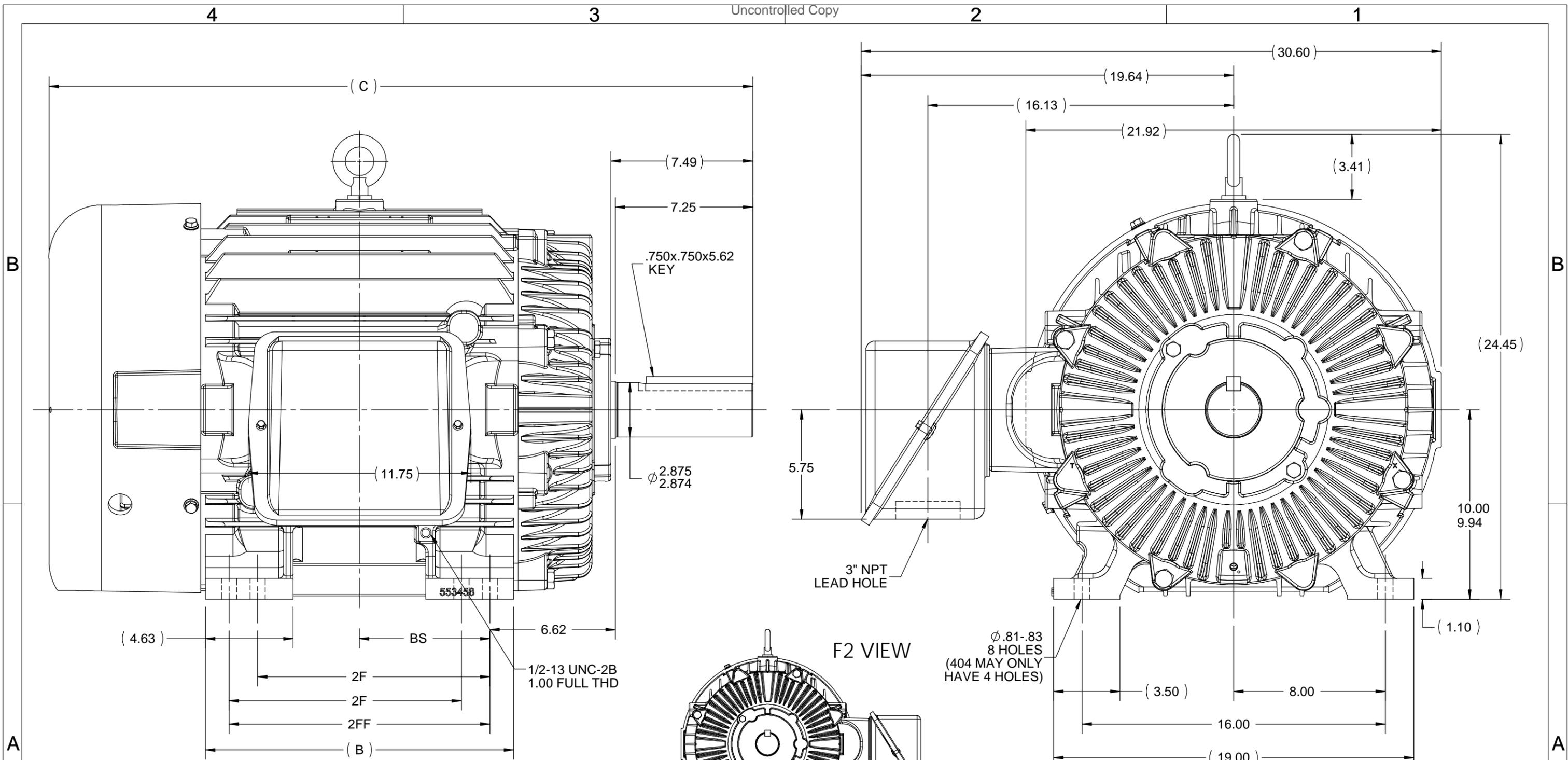
Nameplate Specifications

Output HP	60 Hp	Output KW	45.0 kW
Frequency	60 Hz	Voltage	460 V
Current	82.0 A	Speed	890 rpm
Service Factor	1.15	Phase	3
Efficiency	93 %	Power Factor	74
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Frame	405T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Thermostat	Ambient Temperature	50 °C
Drive End Bearing Size	6316	Opp Drive End Bearing Size	6313
UL	Recognized	CSA	Y
CE	Y	IP Code	56
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	8	Rotation	Reversible
Resistance Main	.113 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	SS508859-1675	Connection Drawing	A-EE7300AK

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- NOTES:
 1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS.
 2. CONDUIT BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°.
 3. NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

DASH	FRAME	B	C	2F	2FF	BS
1525	404T	14.75	35.62	12.25	----	6.12
1675	404/405T	16.25	37.14	12.25	13.75	6.88

DRAWING REVISION F	REVISION BY ZR	DATE 08-01-2018
ECO ECO-0149979	APPROVED BY TRK	DATE 08-01-2018
ECO DESCRIPTION UPDATE TO CURRENT STANDARDS		
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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 [.076/.381]
 CORNER FILLETS: .02 [.51]
 MACHINED SURFACES: 200 INCH/mm 5.1
 mm SHOWN IN [BRACKETS]

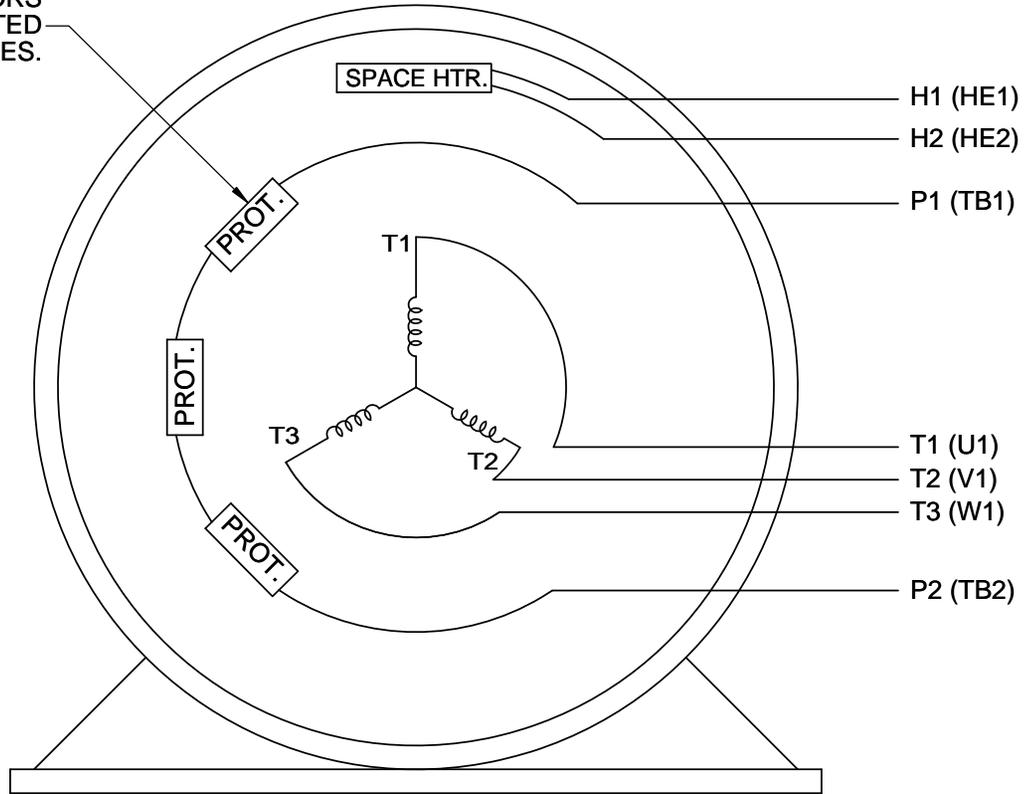
DRAWN BY TLB	DATE 05-19-1988
APPROVED BY ML	DATE 05-22-1988
REFERENCE	THIRD ANGLE PROJECTION

REGAL ™ Regal Beloit America, Inc.	
DESCRIPTION OUTLINE 400T FR.-TAPPED LEAD HOLE	
MATERIAL	PROCESS/FINISH
SIZE B	DRAWING NUMBER SS508859
SHEET 1 OF 1	

TO REVERSE ROTATION:
INTERCHANGE ANY TWO
LINE LEAD CONNECTIONS.

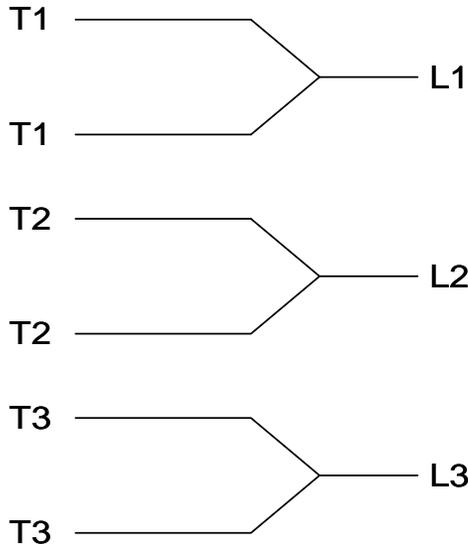
P1 AND P2 PROTECTORS
TO VOLTAGE CONTROL

PROTECTORS
CONNECTED
IN SERIES.



VIEW OF TERMINAL END

IF MOTOR OR GENERATOR
HAS 6 LEADS



A-9806 DECAL

DRAWING REVISION J	REVISION BY J. OTTO	DATE 04-13-2017	TOLERANCES UNLESS OTHERWISE SPECIFIED:		DRAWN BY MJD	 Regal Beloit America, Inc.
ECO ECO-0121568	APPROVED BY T. VUE	DATE 04-18-2017	DEC.	INCH	mm	
ECO DESCRIPTION ADDED IEC NOTATIONS			.X	±0.1	[±2.5]	±7' 30"
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			.XXX	±0.005	[±0.127]	
			.XXXX	±0.0005	[±0.0127]	
			REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.076/.381] CORNER FILLETS: .02 [.51] MACHINED SURFACES: 200 INCH 5.1 mm			
			mm SHOWN IN [BRACKETS]		THIRD ANGLE PROJECTION	
			DATE	06-24-2014	APPROVED BY	DESCRIPTION CONN DIAGRAM-INTERNAL SINGLE VOLT-3Ø MOTOR
			DATE	07-06-1998	TB	MATERIAL
			REFERENCE			PROCESS/FINISH
			SIZE	A	DRAWING NUMBER	EET300AK
						SHEET 1 OF 1

EC Declaration of Conformity

The undersigned representing
the manufacturer:

Regal Beloit America
100 East Randolph St.
Wausau, WI 54401

and the authorized representative
established within the Community:

Marathon Electric UK
6F Thistleton Road Ind. Estate
Market Overton
Oakham, Rutland LE15 7PP UK

are committed to providing customers with products that comply with applicable regulations and international protocols to which they are subject, including the requirements of the European Parliament Directive on the Harmonization of the laws relating to electrical equipment designed for use within certain voltage limits (2014/35/EU).

Regal Beloit America declares that the following product(s), to which this declaration relates, are in conformity with the relevant sections of the EC standards listed below.

This statement supersedes any statements previously issued pertaining to the product(s) listed below and is subject to change without notice.

Model No : 811744.00

(Model No. may contain prefix and/or suffix characters)

Catalog No : 811744.00

Rework No : N/A

Directives :

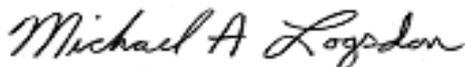
Low Voltage Directive 2014/35/EU

Harmonized Standards Used :

EN 60034-1: 2010 (IEC 60034-1: 2010)

EN 60034-5: 2001/A1:2007 (IEC 60034-5: 2000/A1:2006)

Authorized Representative:



Michael A. Logsdon
Vice President, Technology

Authorized Representative in the Community:



Julian Clark
Marketing Engineer

Created on 09/01/2022

CE 22