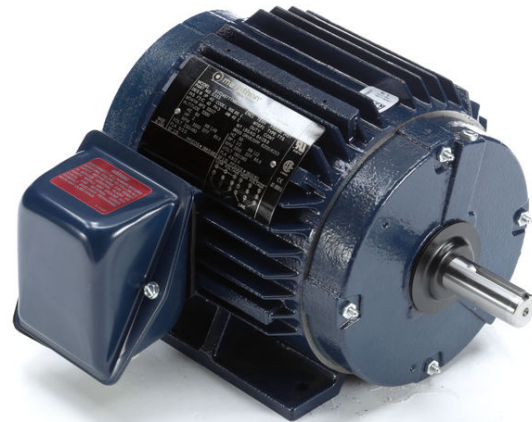


# PRODUCT INFORMATION PACKET

**marathon®**  
Motors

Model No: 145TTTN16045  
Catalog No: U601A  
1.5, 1800, TENV, 145T, 3/60/200  
Totally Enclosed Non-Ventilated (TENV)



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**REGAL**

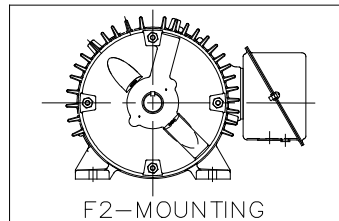
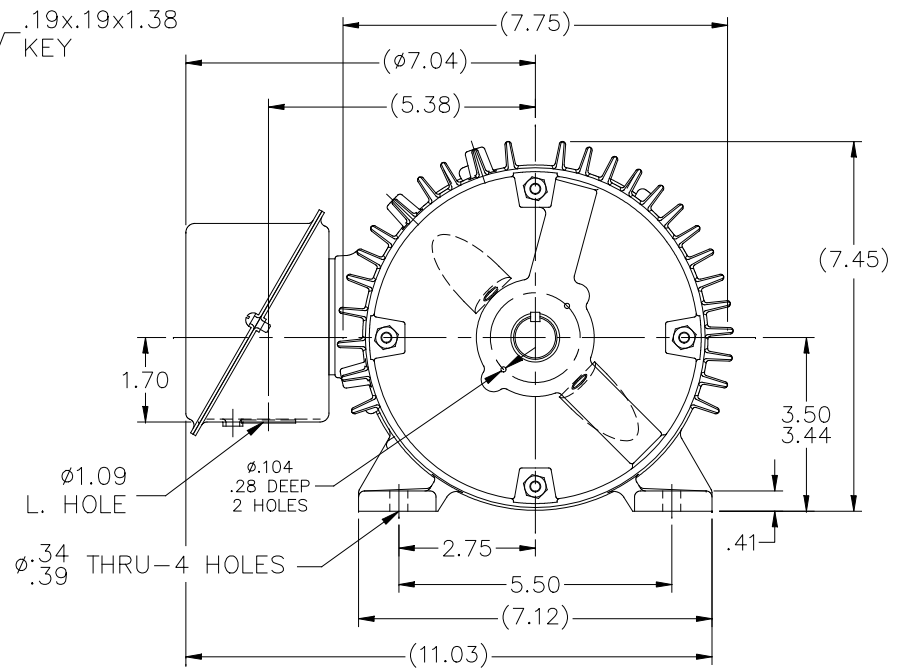
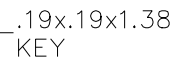


## Nameplate Specifications

Output HP	1.50 Hp	Output KW	1.1 kW
Frequency	60 Hz	Voltage	200 V
Current	5.3 A	Speed	1755 rpm
Service Factor	1.15	Phase	3
Efficiency	86.5 %	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	P	Frame	145T
Enclosure	Totally Enclosed Non Ventilated	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6205
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	Y
IP Code	43		

## Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Mounting	Rigid base	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Cast Iron	Shaft Type	T
Overall Length	10.43 in	Frame Length	6.25 in
Shaft Diameter	0.875 in	Shaft Extension	2.56 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Outline Drawing	A-100655-625	Connection Diagram	A-EE7300



- 1- BOX CAN BE ROTATED IN 90° STEPS.
- 2- BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°.
- 3- FRONT GREASE HOLE LOCATIONS SHOWN WITH HIDDEN LINES.

DASH	FR.	B	C	BS	2F
525	143T	5.00	10.43	2.81	4.00
625	145T	6.00	11.43	3.81	5.00

11	ADDED DIA .104 HOLES ON DRAWING	UD	09/06/2018		TOLERANCES UNLESS SPECIFIED	
10	ADDED F2-MOUNTING	PST	05/05/2014	SM	DEC.	INCHES
9	CORRECTED FOOT MOUNTING DIMENSIONS	DRS	10-13-2005		.X	±.1
8	REDRAWN IN AUTOCAD	TAT	06-29-2004	ML	.XX	±.03
7	BA TOLERANCE CHANGED TO ±.090 CN 27601	CAE	03-12-1999		.XXX	±.005
6	REV. -525 BS DIM. TO 2.81, WAS 3.51 CN 25600-161	BLR	04-22-1998		.XXXX	±.0005
NO.	REVISION	BY & DATE	CHK	ANG	±7°30"	

 <b>MARATHON</b> <b>ELECTRIC</b>	DRAWN	RM 10-27-1992
	CHK	ML 10-28-1992
	APPD	GK 10-28-1992
TITLE OUTLINE		SCALE 11=32
140T FR. - BB - TS - TENV		REF
MAT'L		FMF
FINISH		PREV

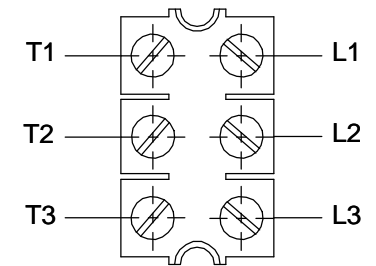
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RFP	CAD FILE 100655	SIZE	DRAWING NO.	PAGE	OF	REV.
DIST LB-WP		A	100655			1110

# THREE PHASE - SINGLE VOLTAGE MOTOR - CONDUIT BOX @ 'A'

TO REVERSE ROTATION:  
INTERCHANGE ANY TWO  
LINE LEAD CONNECTIONS.

## TERMINAL BLOCK WHEN SPECIFIED



VIEW OF TERMINAL END

### IF MOTOR HAS 6 LEADS



A-9806 DECAL

### OPTIONAL CORD CONNECTION



DRAWING REVISION AB	REVISION BY JJB	DATE 06-27-2017
ECO ECO-0125361	APPROVED BY TB	DATE 06-27-2017
ECO DESCRIPTION <b>UPDATED TO CURRENT STANDARDS</b>		
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DRAWN BY DA
DATE 03-26-1993
APPROVED BY TB
DATE 03-26-1993
REFERENCE
THIRD ANGLE PROJECTION



Regal Beloit America, Inc.

DESCRIPTION  
**CONNECTION DIAGRAM**  
EXTERNAL - SINGLE VOLTAGE - 3Ø MOTOR

MATERIAL PROCESS/FINISH

SIZE <b>A</b>	DRAWING NUMBER <b>EE7300</b>	SHEET 1 OF 1
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