

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 447TTFCD6039
Catalog No: GT1155A
200,1800,TEFC,447T,3/60/575
Totally Enclosed Fan Cooled (TEFC)



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REGAL[®]



Nameplate Specifications

Output HP	200 Hp	Output KW	149.0 kW
Frequency	60 Hz	Voltage	575 V
Current	175.0 A	Speed	1790 rpm
Service Factor	1.15	Phase	3
Efficiency	96.2 %	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	G	Frame	447T
Enclosure	Totally Enclosed Fan Cooled	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6319
Opp Drive End Bearing Size	6317	UL	Listed
CSA	Y	CE	Y
IP Code	43		

Technical Specifications

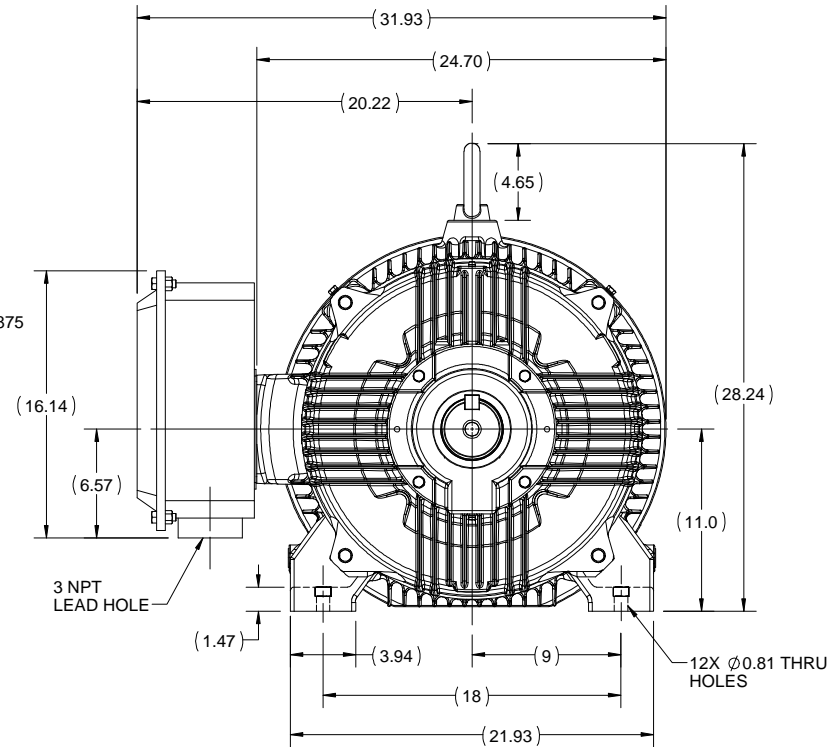
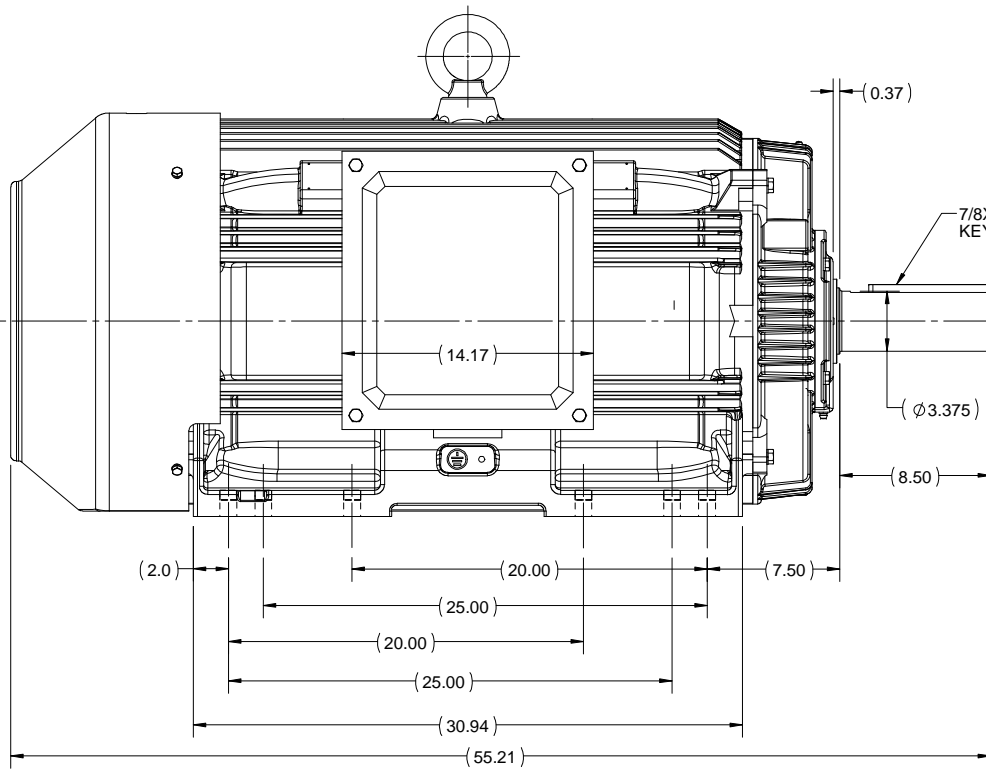
Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Mounting	Rigid base	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Cast Iron	Shaft Type	T
Frame Length	32.12 in	Shaft Diameter	3.375 in
Shaft Extension	8.5 in	Assembly/Box Mounting	F1/F2 Capable
Outline Drawing	SS557013	Connection Diagram	EE7300

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OUTLINE

B



B



A

A

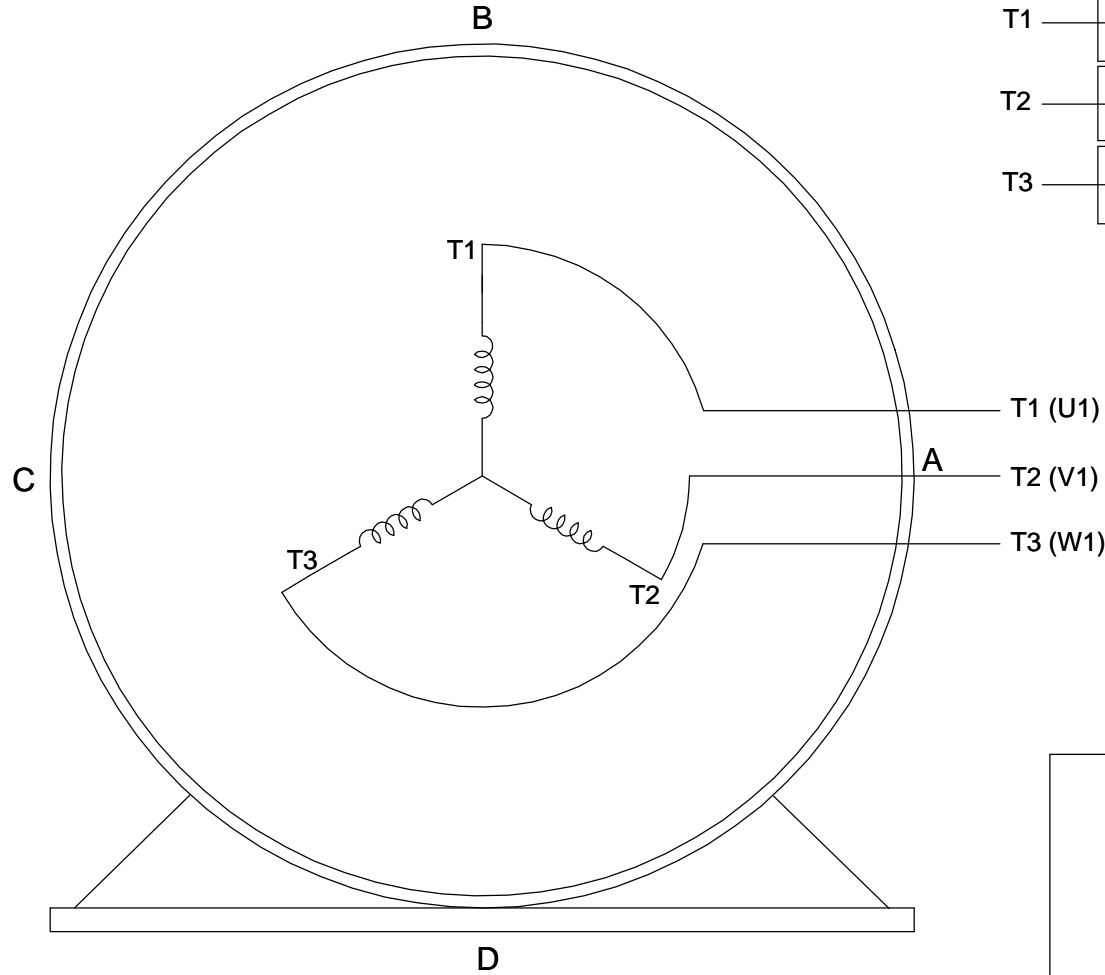
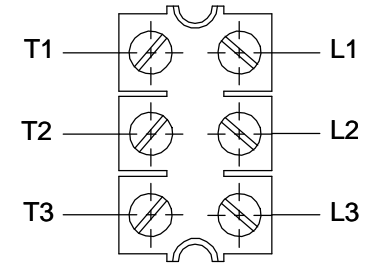
DRAWING REVISION C	REVISION BY GNK	DATE 09/05/2018
ECO ECO-0143704	APPROVED BY SBD	DATE 09/05/2018
ECO DESCRIPTION DRAWING UPDATED		
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DRAWN BY NIV	 Regal Beloit America, Inc.		
DATE 23/05/2016			
APPROVED BY SBD	DESCRIPTION OUTLINE 447/449T FR-TEFC		
DATE 23/05/2016	MATERIAL		
REFERENCE	PROCESS/FINISH		
THIRD ANGLE PROJECTION 	SIZE B	DRAWING NUMBER SS557013	SHEET 1 OF 1

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

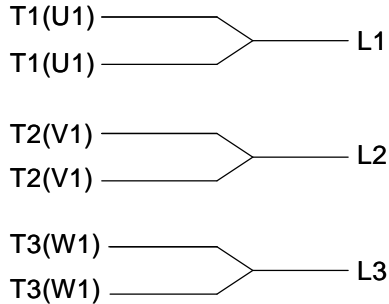
**TO REVERSE ROTATION:
INTERCHANGE ANY TWO
LINE LEAD CONNECTIONS.**

TERMINAL BLOCK WHEN SPECIFIED



VIEW OF TERMINAL END

**IF MOTOR HAS
6 LEADS**




A-9806 DECAL

**OPTIONAL CORD
CONNECTION**

- L1 _____ WHITE
- L2 _____ RED
- L3 _____ BLACK

DRAWING REVISION AB	REVISION BY JJB	DATE 06-27-2017
ECO ECO-0125361	APPROVED BY TB	DATE 06-27-2017
ECO DESCRIPTION UPDATED TO CURRENT STANDARDS		
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DRAWN BY DA	 Regal Beloit America, Inc.
DATE 03-26-1993	
APPROVED BY TB	DESCRIPTION CONNECTION DIAGRAM EXTERNAL - SINGLE VOLTAGE - 3Ø MOTOR
DATE 03-26-1993	MATERIAL
REFERENCE	PROCESS/FINISH
THIRD ANGLE PROJECTION	SIZE A
	DRAWING NUMBER EE7300
	SHEET 1 OF 1



P.O. BOX 8003
WAUSAU, WI 54401-8003
PH. 715-675-3311

DATA VOLTS: 460

CERTIFICATION DATA SHEET

CUSTOMER P.O. #:
 ORDER #: EE7300 REFERENCE MODEL #: 447TTC0D8039
 CONN. DIAGRAM: SS557013 CAT #: GT1155A
 OUTLINE: HE32804009 NONE 2 CUSTOMER PART #:
 WINDING: HE32804009 NONE 2 MOUNTING: F1/F2 CAPABLE
 SPEED:
TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC RPM	FL RPM	FRAME	ENCLOSURE	TYPE	KVA CODE	DESIGN
200	149	1800	1790	447T	TEFC	TEFC	G	B

PH	HZ	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB	ELEV.
3	60	575	175	LINE OR INVERTER	CONT	F	1.15	40	3300
	F.L. EFF	96.2	3/4 LD EFF	96.2	1/2 LD EFF	95.4	GTD EFF	ELECT. TYPE	
	F.L. PF	89.0	3/4 LD PF	86.5	1/2 LD PF	79.5	95.8	SO CAGE INV BATED	

F.L. TORQUE	LR AMPS @ 460 V	L.R. TORQUE	B.D. TORQUE	F.L. RISE (°C)
587 LB-FT	1,160	1,256 LB-FT	1,656 LB-FT	282%
@ 3 FT. DBA	POWER 89 DBA	ROTOR WK ² 88.0 LB-FT ²	MAX. LOAD WK ² 0 LB-FT ²	SAFE STALL TIME 25 SEC.
				START/SHOUR 0
				MOTOR WGT 2675 LB.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	MOTOR ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RIGID	HORIZONTAL	NO	DIVISION 272B	NO	NONE	BLUE - MARATHON
BEARINGS	GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT	MATERIAL	FRAME MATERIAL	
DE BALL 6319	BALL POLYREX EM	T	NONE	NONE	1045 HOT ROLLED (C-204)		CAST IRON	

THERMOSTATS	PROTECTORS	WDG RTD's	BRG RTD's	THERMISTORS	CONTROL	SPACE HEATERS
NONE	NOT	NONE	NONE	NONE	FALSE	NA
R1 (ohms/ph)	R2 (ohms/ph)	X1 (ohms/ph)	X2 (ohms/ph)	Xm (ohms/ph)	VIBRATION (in/sec)	FLOAT
0.018	0.011	0.126	0.288	5.991	0.080	ODE

* N		INVERTER TORQUE: VARIABLE 10:1	
O	INV. HP SPEED RANGE: NONE		
T	ENCODER: NONE		
E	BRAKE: NONE		
S	FT-LB: NONE		
	VOLTAGE: NONE		
	HZ: NONE		

PREPARED BY: FAREEDA DUDEKULA
 DATE: 5/3/2018
 FORM: 3531 REV_4 2/27/06
 UL: NO LETTER - ME/WUXI TEFC BLUEWHALE CLASS 1 DIV. 2 U.L

