

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 213TTFCD6026
Catalog No: GT1016A
7 1/2, 1800, TEFC, 213T, 3/60/230/460
Totally Enclosed Fan Cooled (TEFC)



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REGAL

Nameplate Specifications

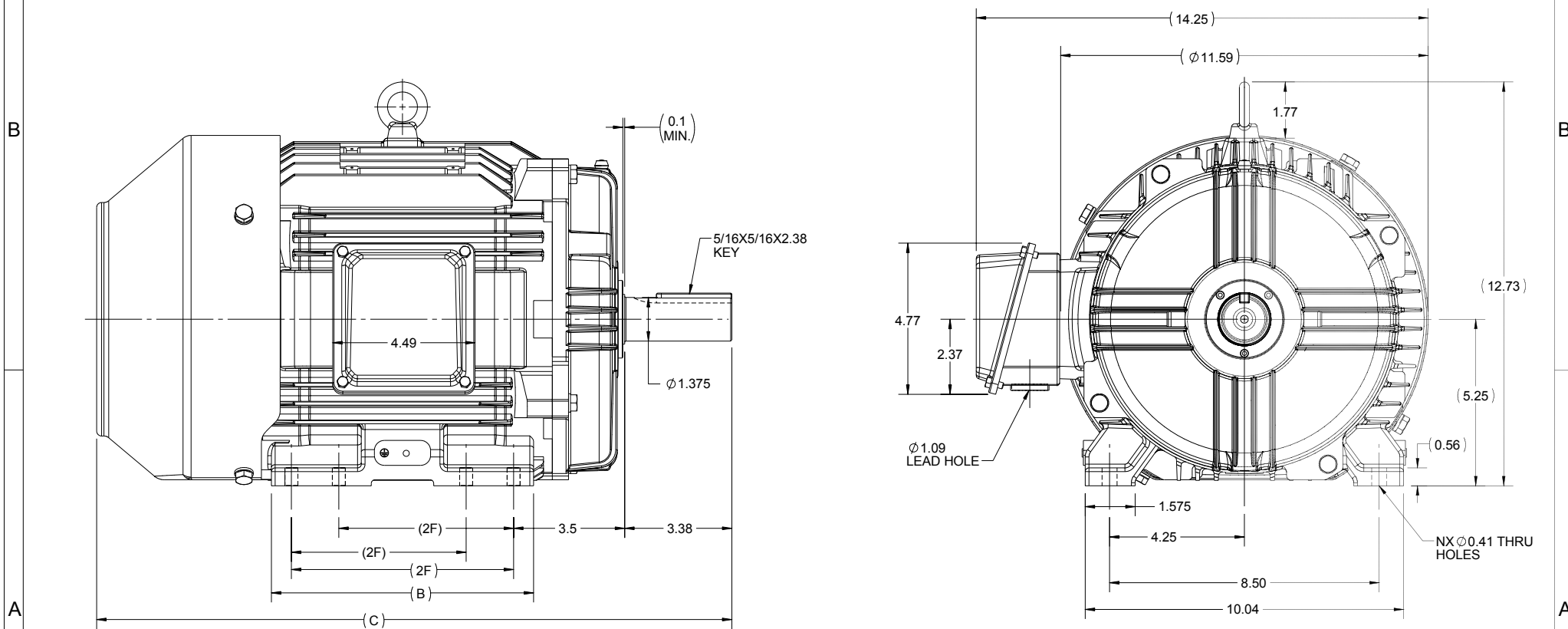
Output HP	7.50 Hp	Output KW	5.6 kW
Frequency	60 Hz	Voltage	230/460 V
Current	19.0/9.5 A	Speed	1768 rpm
Service Factor	1.15	Phase	3
Efficiency	93.3 %	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	H	Frame	213T
Enclosure	Totally Enclosed Fan Cooled	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6308
Opp Drive End Bearing Size	6208	UL	Listed
CSA	Y	CE	Y
IP Code	55		

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
Overall Length	18.53 in	Shaft Diameter	1.375 in
Shaft Extension	3.38 in	Assembly/Box Mounting	F1/F2 Capable
Outline Drawing	B-SS620702-213	Connection Diagram	A-EE7308

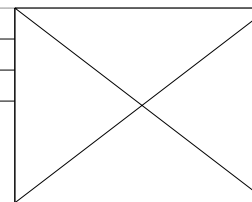
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OUTLINE



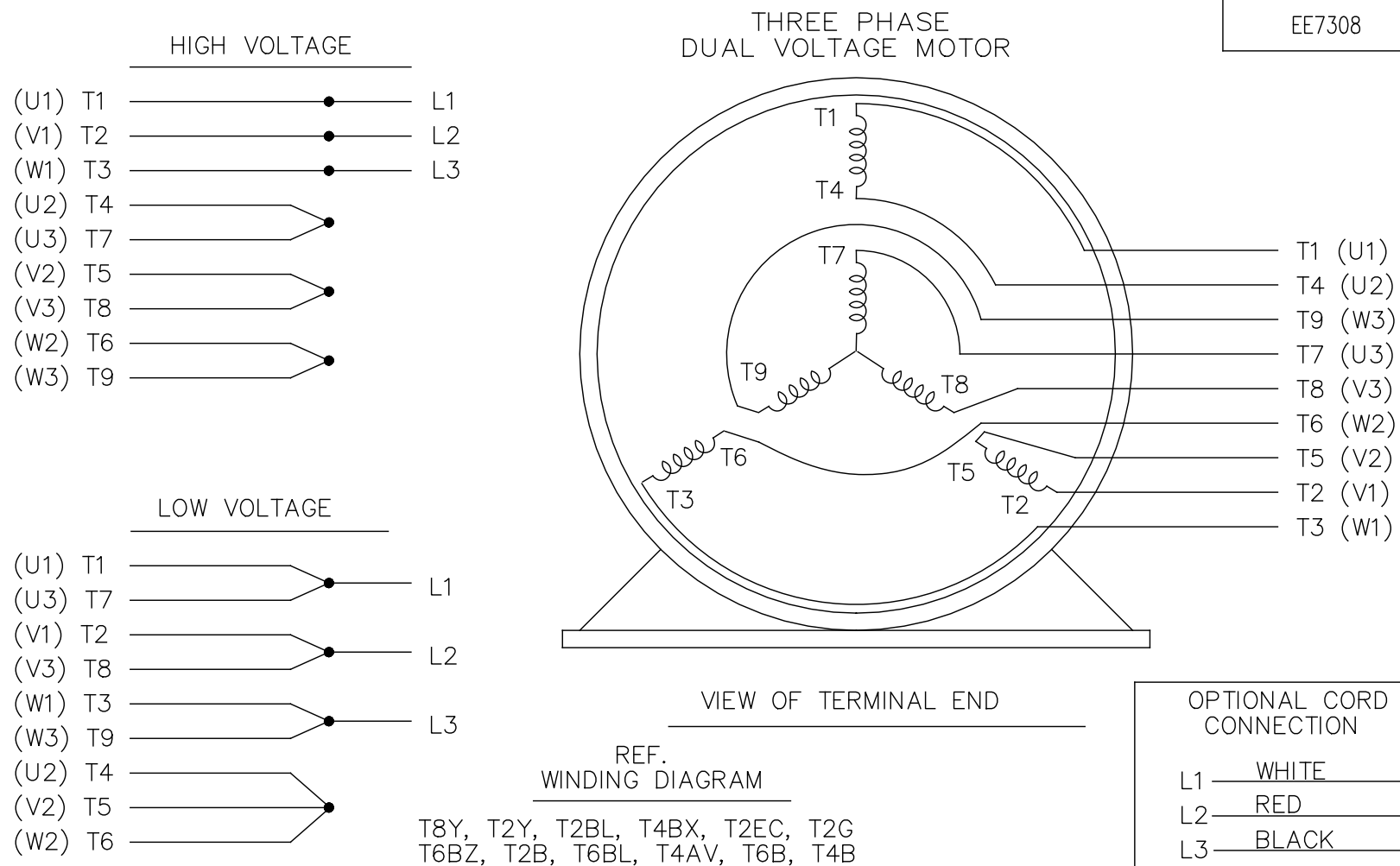
213T	6.76	18.53	5.5	4
215T	8.26	20.03	7.0	8
FRAME	B	C	2F	N

DRAWING REVISION B	REVISION BY UDAY	DATE 14/10/2015
ECO ECO-0087054	APPROVED BY SBD	DATE 14/10/2015
ECO DESCRIPTION UPDATED DRAWING		
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DRAWN BY JOY
DATE 04/05/2015
APPROVED BY SBD
DATE 04/05/2015
REFERENCE

REGAL-BELOIT CORPORATION	
DESCRIPTION OUTLINE	
213/215T FR TEFC- CAST IRON	
MATERIAL	PROCESS/FINISH
SIZE B	DRAWING NUMBER SS620702
THIRD ANGLE PROJECTION	SHEET 1 OF 1



				TOLERANCES UNLESS SPECIFIED		 Regal Beloit America, Inc.	DRAWN RM 11/20/1990		
5	CHG TO REGAL LOGO	SL 09/10/2015	AB	DEC.	INCHES		CHK ML 11/21/1990		
4	REVISED IEC NOTATIONS	MSG 11/15/2011	CMN	.X	±.1		APPD SAS 04/24/2003		
3	ADDED IEC NOTATIONS... (U1), (V1) ETC. MU95194	MSG 5/10/2010	MJS	.XX	±.02		SCALE 1=1		
2	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS	.XXX	±.005		REF		
1	REDRAWN	RM 11/20/1990		.XXXX	±.0005	MAT'L	FMF		
NO. REVISION		BY & DATE	CHK	ANG	±7°30"	FINISH	PREV		
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT – DO NOT SCALE THIS PRINT			RFP		CAD FILE ee7308	SIZE A	DRAWING NO. EE7308	PAGE OF	REV. 5
			DIST WP						

CERTIFICATION DATA SHEET

Model#:

213TTFCD6026 AA

WINDING#:

HE31324012 NONE 2

CONN. DIAGRAM:

A-EE7308

ASSEMBLY:

F1/F2 CAPABLE

OUTLINE:

B-SS620702

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
7 1/2&5	5.6&3.7	1800	1768&1475	213T	TEFC	H	B

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60/50	230/460#190/380	19/9.5&16/8	LINE OR INVERTER	CONTINUOUS	F7	1.15/1.15	40	3300

FULL LOAD EFF: 91.7&91	3/4 LOAD EFF: 93	1/2 LOAD EFF: 90	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 80&76.5	3/4 LOAD PF: 73.4	1/2 LOAD PF: 63.8	91	SQ CAGE INV RATED	9.2 / 4.6

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
22.3 LB-FT	124 / 62	45 LB-FT 202	59 LB-FT 265	40

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
62 dBA	72 dBA	0.95 LB-FT^2	75 LB-FT^2	25 SEC.	2	175 LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RIGID	HORIZONTAL	FALSE	NONE	FALSE	NONE	BLUE (ENAMEL)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE						
BALL	BALL						
6307	6206	POLYREX EM	T	NONE	NONE	1045 HOT ROLLED (C-204)	CAST IRON

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE /n HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

If Inverter equals NONE, contact factory for further information

* N O T E S *	INVERTER TORQUE: VARIABLE 10:1
	INV. HP SPEED RANGE: NONE
	ENCODER: NONE
	NONE NONE
	NONE NONE PPR
	BRAKE: NONE NONE
	NONE P/N NONE
	NONE NONE
	NONE FT-LB NONE V NONE Hz