## **PRODUCT INFORMATION PACKET**

Model No: 256TTFNA6026 Catalog No: E206 20 HP General Purpose Motor, 3 phase, 1800 RPM, 230/460 V, 256T Frame, TEFC General Purpose Motors



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marathon<sup>®</sup>

Motors

Product Information Packet: Model No: 256TTFNA6026, Catalog No:E206 20 HP General Purpose Motor, 3 phase, 1800 RPM, 230/460 V, 256T Frame, TEFC

# marathon<sup>®</sup>

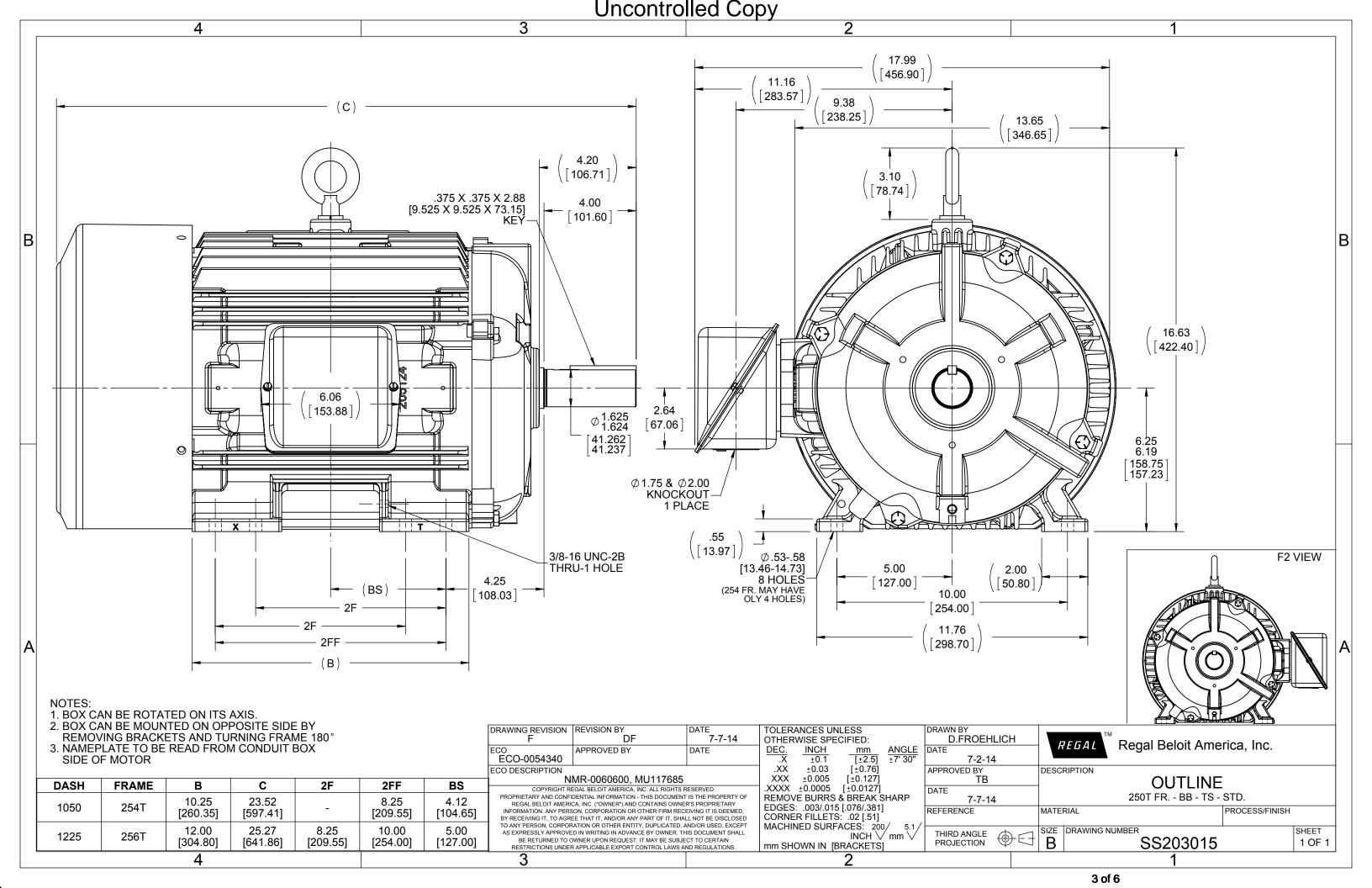
### Nameplate Specifications

Output HP	20 Hp	Output KW	14.9 kW
Frequency	60 Hz	Voltage	230/460 V
Current	48.0/24.1 A	Speed	1775 rpm
Service Factor	1.15	Phase	3
Efficiency	93 %	Power Factor	84
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	G
Frame	256T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6210
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

### **Technical Specifications**

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	.474 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	т	Overall Length	25.27 in
Frame Length	12.25 in	Shaft Diameter	1.625 in
Shaft Extension	4.2 in	Assembly/Box Mounting	F1/F2 Capable
Connection Drawing	A-EE7308K	Outline Drawing	B-SS203015-1225

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LOW VOLTAGE								EE	7308K
T1(U1) T6(W2) T7(U3)									
T2(V1) T4(U2) T8(V3)	<u>)</u>								
T3(W1) T5(V2) T9(W3)	3			_		• T9 T4 •			-T6(W2) -T9(W3) -T1(U1) -T4(U2)
HIGH VOLTAGE T1(U1)L1				/	C C	Jon Star			-T7(U3) -T2(V1) -T5(V2)
T4(U2) T7(U3)									-T8(∨3) -T3(W1)
T2(V1)La	) -	/			~				
T5(V2) T8(V3)	/								
T3(W1)L3	}			/IEW	/ 🗆 F	TERMINAL	END	<u> </u>	
T6(W2)									
		l	TOLE UNLESS	ERANCES SPECIFIEI		ANN NIKA NA		DRAWN	PGK 06-04-1997
E CORRECTED IEC MARKINGS ECO-0111208	WGJ 01-23-2017	EMH		INCHES	R	EGAL REGAL - BELO	OIT CORPORATION	СНК	ML 06-05-1997
D RE-DRAWN WITH REGAL LOGO ECO-0110493 8 ADDED IEC DESIGNATIONS MU95020	WGJ 09-30-2016 TJW 4/30/2010	EMH MJS		±.1 ±.02	TITLE		CDAM	APPD SCALE	GK 06-15-1997
8 ADDED IEC DESIGNATIONS MU95020 7 REVISD HIGH VOLTAGE L2 WAS L3 CN52600-354	MRB 09-21-1998			±.02		CONNECTION DIA DELTA CON, - 30 -		REF	
6 REDRAWN ON CADD	PGK 06-05-1997			±.0005	MAT'L.			FMF	
ND. REVISION	BY & DATE	СНК		±7′30″	FINISH			PREV	
THIS DRAWING IN DESIGN AND DETAIL IS DUR PROPERTY AND MUST NO		RFP	· · · · ·		CAD FILE	EE7308K	SIZE DRAWING		
IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCAL		DIST					A E	E7308	K E

#### **CERTIFICATION DATA SHEET**

Model#:	256TTFNA6026 AD	WINDING#:	K2564164 NONE 1
CONN. DIAGRAM:	A-EE7308K	ASSEMBLY:	F1/F2 CAPABLE
OUTLINE:	B-SS203015-1225		

#### TYPICAL MOTOR PERFORMANCE DATA

HP		ĸw		SYNC. R	PM	F.L. RPM	FRA	ME	ENC	LOSURE	KVA	A CODE		DESIGN				
20		14.9		1800	1800 1775		256	256T TEFC		TEFC	G			В				
РН	н	lz	VOLT	rs f	L AMPS	START TYP	DUTY		INSL		S.F	AME	S°C	ELEVATION				
3	6	60	230/4	60	48/24.1	ACROSS TH		IOU	F3		1.15	40	)	3300				
FULL LOAD			4 LOAD E 8/4 LOAD		1	2 LOAD EFF: 93 GTD. EF /2 LOAD PF: 72 92.4		<b>D. EF</b> F 92.4			-			OAD AMPS				
F.L. TO				ED ROTOI		ì	L.R. TORQUE		B.D. TORQUE		i		RISE°C					
59.2 L	B-FT			276 / 138		105 L	5 LB-FT 177 146 LB-F		6 LB-FT 2	47		6	65					
SOUND PRESS @ 3 FT.		SOUN	D POWEI	R RC		2 MA)	. WK^2	SAF	E STALL	ТІМЕ	START /HOU	-	APP	ROX. MOTOR WGT				
65 dBA		7	5 dBA	3.	2 LB-FT^2	125	.B-FT^2	3-FT^2 2		3-FT^2 25 S		25 SEC.		5 SEC. 2				400 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	FRAME
DE	OPE					MATERIAL	MATERIAL
BALL	BALL	POLYREX EM	т	NONE	NONE	1045 HOT	CAST IRON
6309	6210	]				ROLLED (C-204)	

	THERMO-PF	OTECTORS	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
	ORQUE: NONE ED RANGE: NONE
ENCODER: NONE NON NONE NON	١E
NONE	DNE NONE P/N NONE NONE 3 NONE V NONE Hz
BRAKE: NO NONE NONE	DNE NONE P/N NONE NONE

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