# **PRODUCT INFORMATION PACKET**

Model No: 256TTFCA6005 Catalog No: GT1124 20 HP General Purpose Motor, 3 phase, 3600 RPM, 575 V, 256T Frame, TEFC General Purpose Motors



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# marathon<sup>®</sup>

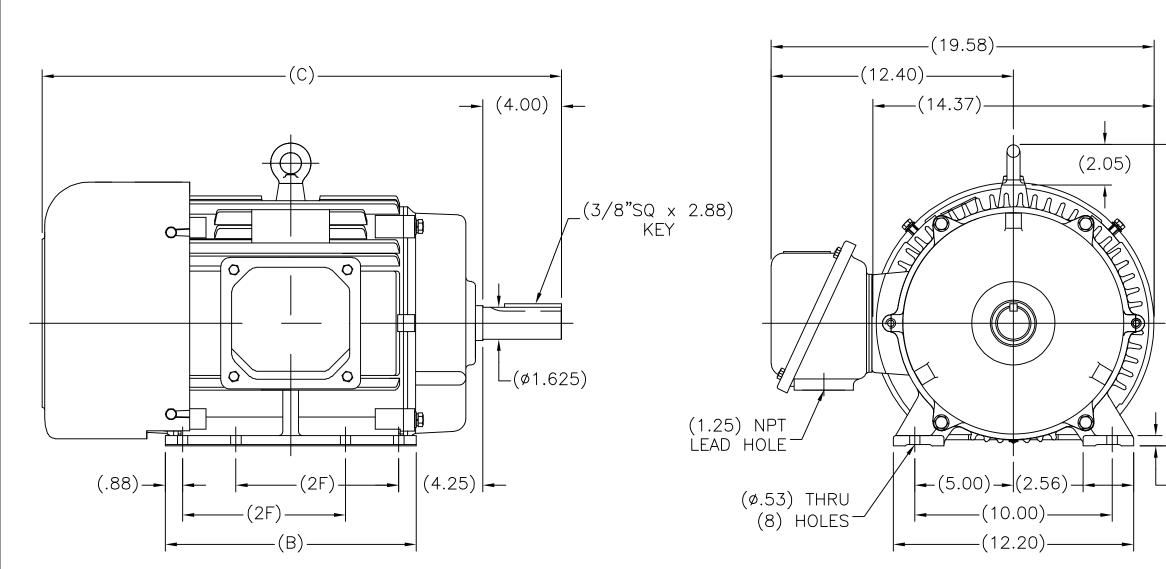
### Nameplate Specifications

Output HP	20 Нр	Output KW	14.9 kW
Frequency	60 Hz	Voltage	575 V
Current	18.5 A	Speed	3550 rpm
Service Factor	1.15	Phase	3
Efficiency	91 %	Power Factor	88
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	6209	Opp Drive End Bearing Size	6209
UL	Recognized	CSA	Υ
CE	Y	IP Code	43
Number of Speeds	1		

## **Technical Specifications**

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	.345 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	27.80 in
Shaft Diameter	1.625 in	Shaft Extension	4 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Outline Drawing	SS620244-256T	Connection Drawing	A-EE7300

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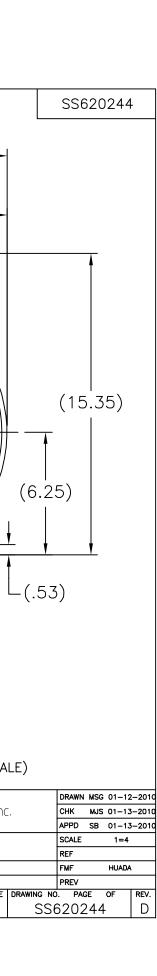


# (MAY NOT BE DRAWN TO SCALE)

## (DIMENSIONS IN TABLE ARE CONSIDERED REFFERENCE)

254T	26.60	12.80	8.25
256T	27.80	13.98	10.00
FRAME	С	В	2F

				TOL	ERANCES S SPECIFIED			
				DEC.	INCHES	REGAL Regal Beloit Americ	a, Ind	5.
				.x	±.1			
				.xx	±.03			
				.xxx	±.005	254T FR. – TEFC		
D	CHANGED BORDER LOGO TO "REGAL" ECO-0075536	WGJ 04-09-2015	EH	.xxxx	±.0005	MAT'L.		
NO.	REVISION	BY & DATE	СНК	ANG	±7'30"	FINISH		
	THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT		RFP	01	-14-2010	CAD FILE SS620244	SIZE	DRAW
	IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCAL		DIST				7 B	





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#### **CERTIFICATION DATA SHEET**

Model#:	256TTFCA6005 AA	WINDING#:	CHT25620001 NONE 3
CONN. DIAGRAM:	A-EE7300	ASSEMBLY:	F1/F2 CAPABLE
OUTLINE:	B-SS620244		

### **TYPICAL MOTOR PERFORMANCE DATA**

НР		ĸw		SYNC.	RPM	F.L	RPM	FRAM	ΛE	ENC	CLOSU	RE	KVA	COD	E	DESIGN
20		14.9		360	o	3	3550	256	Г		TEFC			G		В
РН	н	łz	VOLT	тз	L AMPS	ST	ART TYPE	DUTY		INSL		S.	F	AI	MB°C	ELEVATION
3	6	60	575	5	18.5	ACI	ROSS THE LINE	CONTINU	ου	F7		1.15/	1.15		40	3300
FULL LOAD	-		4 LOAD	-			:FF: 90.2		D. EFI	F		ELEC.			NO	LOAD AMPS
FULL LOAD		3	LOCK	ED ROTO		<u>-OAD</u>	PF: 79		90.2	 	SQ (		IND RU	<u>N</u>	F.L.	5.4
29.6 L	B-FT			116		]	65 LB-	FT 218		80	) LB-FT	270				50
SOUND PRESS @ 3 FT.	SURE	SOUN	D POWE	RR	DTOR WK	^2	MAX.	WK^2	SAF	E STALL	TIME		START /HOUF	-	AP	PROX. MOTOR WGT
72 dBA		82	2 dBA	1	.8 LB-FT^2	2	- LB-I	-T^2		20 SEC.			2			480 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
6209	6209					ROLLED (C-204)	

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 in

h	ormat	ion

INV. HP SPEED RAN	NGE: NONE	
ENCODER: NONE		
NONE NONE		
NONE NONE PPR		
BRAKE: NONE	NONE	
NONE P/N NO	DNE	
NONE NONE		
NONE FT-LB	NONE V	NONE Hz

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