# **PRODUCT INFORMATION PACKET**

Model No: 286TTFNA6030 Catalog No: E310 30 HP General Purpose Motor, 3 phase, 1800 RPM, 575 V, 286T Frame, TEFC **General Purpose Motors** 



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# marathon®

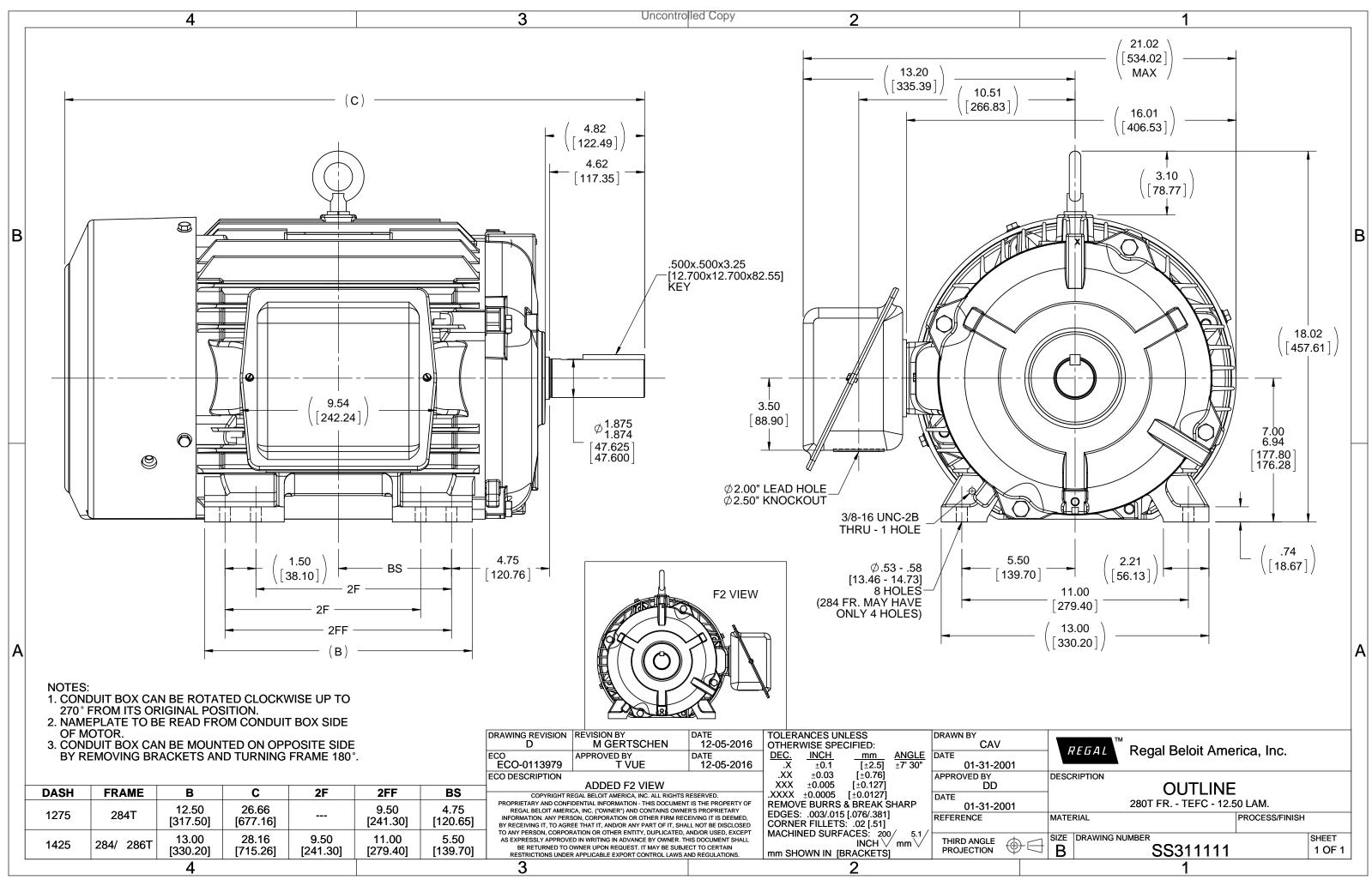
# Nameplate Specifications

Output HP	30 Hp	Output KW	22.4 kW
Frequency	60 Hz	Voltage	575 V
Current	29.2 A	Speed	1773 rpm
Service Factor	1.15	Phase	3
Efficiency	94.1 %	Power Factor	82
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	G
Frame	286T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6311	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	.205 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	28.16 in
Frame Length	14.25 in	Shaft Diameter	1.875 in
Shaft Extension	4.82 in	Assembly/Box Mounting	F1/F2 Capable
Outline Drawing	B-SS311111-1425	Connection Drawing	A-EE7300

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#### **CERTIFICATION DATA SHEET**

Model#:	286TTFNA6030 BA	WINDING#:	K2864159 NONE 5
CONN. DIAGRAM:	A-EE7300	ASSEMBLY:	F1/F2 CAPABLE
OUTLINE:	B-SS311111-1425		

### TYPICAL MOTOR PERFORMANCE DATA

НР		ĸw		SYNC	. RPM	F.L	RPM	FRAM	IE	ENG	CLOSU	IRE	KVA	COD	E	DESIGN
30		22.4	2.4		1800		1773	286T			TEFC			G		В
РН	Hz	z	VOL	TS	FL AMPS	ST	ART TYPE	DUTY		INSL		S.	F	AN	MB°C	ELEVATION
3	60	0	57	5	29.2	AC	ROSS THE LINE	CONTINU	JU	F3		1.1	15		40	3300
FULL LOAD EFF: 94.1 3/4 LOAD EFF: 94		EFF: 94.1	.1 1/2 LOAD EFF: 93.6		GTD. EFF			ELEC. TYPE			NO LOAD AMPS					
FULL LOAD	PF: 82	3	8/4 LOAD	) PF: 77	1/2 L	1/2 LOAD PF: 67.5 93.6 SC		SQ	SQ CAGE IND RUN		12					
F.L. TO	RQUE		LOCKED ROTOR AMPS		L.R. TC	ORQUE B.D. TOR		RQUE F		F.L. I	F.L. RISE°C					
89 LE	B-FT			173.	6		165 LB-	.B-FT 185 245 LB-FT		3-FT 275			60			
SOUND PRESS @ 3 FT.	SURE	SOUN	D POWE	R	ROTOR WK	^2	MAX.	WK^2	SAF	E STALL	TIME		START /HOUF	-	APF	PROX. MOTOR WGT
65 dBA		7	5 dBA		4.6 LB-FT^	2	225 LB	225 LB-FT^2 25 SEC.		2			540 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
6311	6210					ROLLED (C-204)	

	THERMO-PF	ROTECTORS	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

	rm	

	INVERTER TORQUE: NONE INV. HP SPEED RANGE: NONE						
NONE	ER: NONE NONE NONE PPR						
	NONE	NONE					
NONE	P/N NC	NE					
NONE	NONE						
NONE F	T-LB	NONE V	NONE Hz				

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