## **PRODUCT INFORMATION PACKET**

Model No: 284TTFNA16129 Catalog No: U655A 25 HP General Purpose Motor, 3 phase, 1800 RPM, 200 V, 284T Frame, TEFC General Purpose Motors



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# marathon<sup>®</sup>

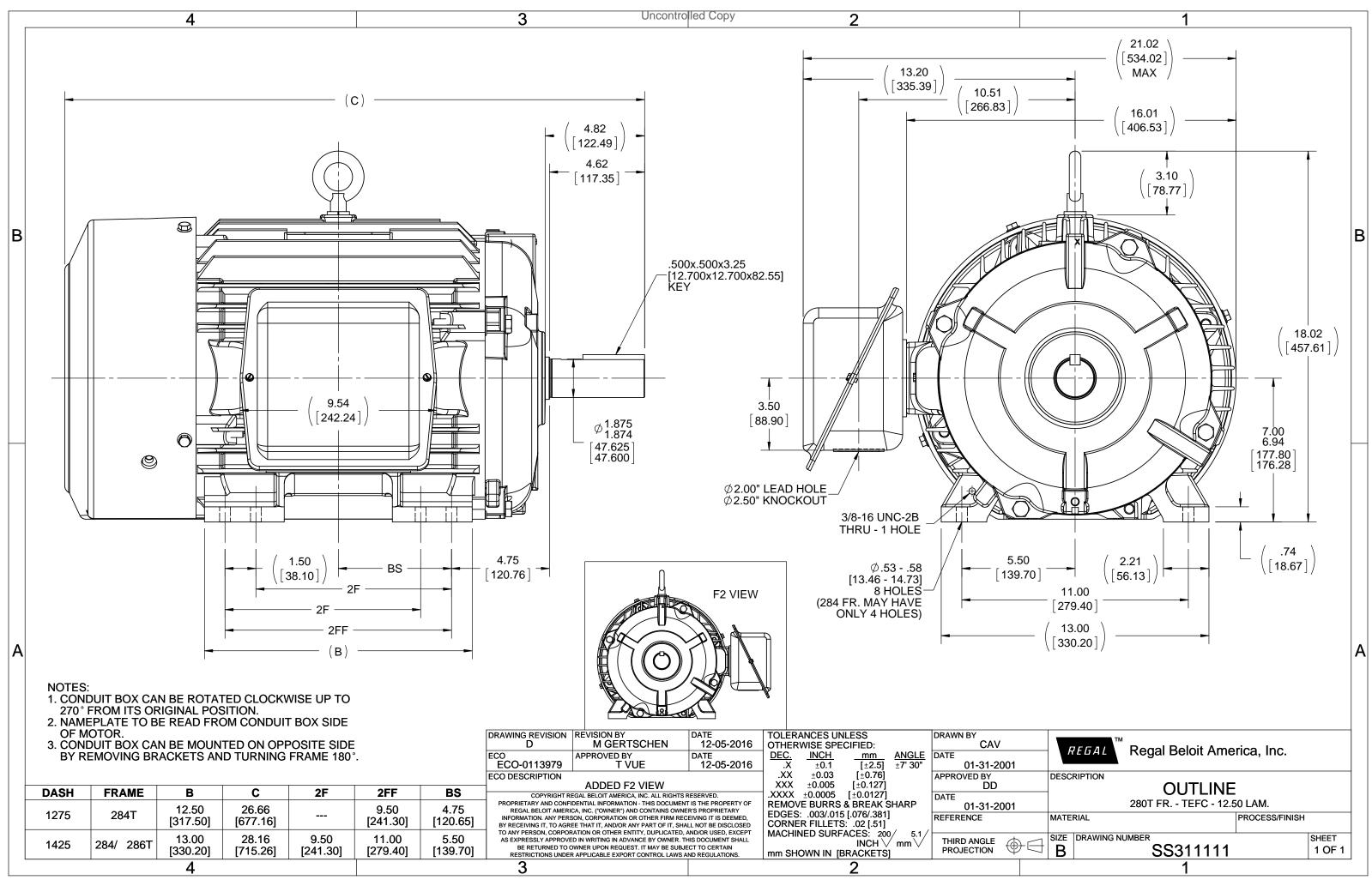
#### Nameplate Specifications

Output HP	25 Нр	Output KW	18.7 kW
Frequency	60 Hz	Voltage	200 V
Current	72.5 A	Speed	1770 rpm
Service Factor	1.15	Phase	3
Efficiency	93.6 %	Power Factor	81
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	G
Frame	284T	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	.288 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	26.66 in
Frame Length	12.76 in	Shaft Diameter	1.875 in
Shaft Extension	4.82 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	B-SS311111-1275	Connection Drawing	A-EE7300

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(•) marathe					atho			PH. 715-675	3311				
							electi						
											DATA VOLTS:	460	
	CERTIFICATION DATA SHEET												
CUSTOM	ER:							CUSTO	OMER P.O. #:				
ORDER #				F				REFERENCE MODEL #:					
CONN. DI. OUTLINE:		A-EE7300						CAT #: U655A CUSTOMER PART #:					
WINDING		B-SS3111	K2844178	NONE	4			0510		F1/F2 CAPAE	N F		
SPEED:					•								
				T	YPICAL	. МОТОІ	R PERFOR	RMANC	E DATA				
НР	ĸw	SYNC	RPM	FL R	L RPM FRAME		AME	ENCLOSURE		ТҮРЕ	KVA CODE DESI		DESIGN
25	18.7	18	800	177	70	2	84T	1	TEFC	TFN	G B		в
РН	HZ	٧O	LTS	AME	PS	STAR	T TYPE	г	DUTY	INSL	S.F.	AMB	ELEV.
3	60	-	00	72.	-		S THE LINE		CONT	F	1.15	40	3300
		r	1		1	1		-		1			
	F.L. EFF			3/4 LD EFF	93.6		1/2 LD EFF	92.4	GTD EFF		ELECT. TY		
	F.L. PF	81.0		3/4 LD PF	76.0	6.0 1/2 LD PF		65.0 93.0		SQ CAGE INE		) RUN	
F.L. T	F.L. TORQUE LR AMPS @ 460 V		460 V	L.R. TORQUE		UE	B.D. TORQ		UE F.L. RISE		(°C)		
74.0			135			180	LB-FT	243%	70				
	. ==						0.15.11/2			0745		мото	D.WOT
@. 65	3 FT. dBA	-		175	OAD WK <sup>2</sup> LB-FT <sup>2</sup>	5AFE 5 50	STALL TIME	STAR	2		LB.		
	UDA	14	<b>UDA</b>	````		170	1	00	020.		-		
				NOUNT			NTAL INFO						
DE BRAC	КЕТ ТҮРЕ	-			TOR SEVERE		HAZARDOUS LOCATION		DRIP COVER	SCREENS PAINT		INT	
	IDARD	STAN	DARD	RIGID	HORIZONTAL NO		NONE		NO	NONE	BLUE (ENAMEL)		
		1		1		1							
DE BEA	RINGS ODE	GRE	ASE	SHAFT	ТҮРЕ	SPECIAL DE		SPECIAL ODE		SHAFT	MATERIAL	FRAME N	IATERIAL
BALL	BALL	5011/5		-			o				ROLLED (C-204) CAST IROI		
6311	6210	POLYF	REX EM	Т		NONE NONE 1045		1045 HOT F	OLLED (C-204)	CAST	IRON		
						1				1		0.04	105
THERM	THERMOSTATS		CTORS	WDG F	RTD's	BRG RTD's		THERMISTORS		CONTROL		SPACE HEATERS	
	ONE		NOT NONE		NONE		NONE		FALSE		NA		
				•			1		1				
R1 (ohms/ph) 0.036		-	x1 (ohms/ph)         x1 (ohms/ph)           0.028         0.167		X2 (ohms/ph) 0.204		Xm (ohms/ph) 3.685		VIBRATION (in/sec) 0.150		FLOAT ODE		
0.	000	0.0	120	0.10		1 0	.204			<u> </u>	.130	0	
*													
N								INVERTER TORQUE: NONE					
О Т								INV. HP SPEED RANGE: NONE					
Ē							ENCODER: NONE						
s							NONE						
•						NONE NONE PPR				PPR			
0000			חווחבינייי	^				BRAKE: NONE					
PREF	PREPARED BY: FAREEDA DUDEKULA DATE: 9/10/2018				NONE NONE FT-LB: NA								
					VOLTAGE: NONE HZ:								
FORM: 3531 REV_4 2/27/06				UL: V-INS, CONST UL REC									

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