# **PRODUCT INFORMATION PACKET**

Model No: 284TTFNA6576 Catalog No: E638 15 HP Severe Duty Motor, 3 phase, 1200 RPM, 460 V, 284T Frame, TEFC Severe Duty Motors



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# marathon®

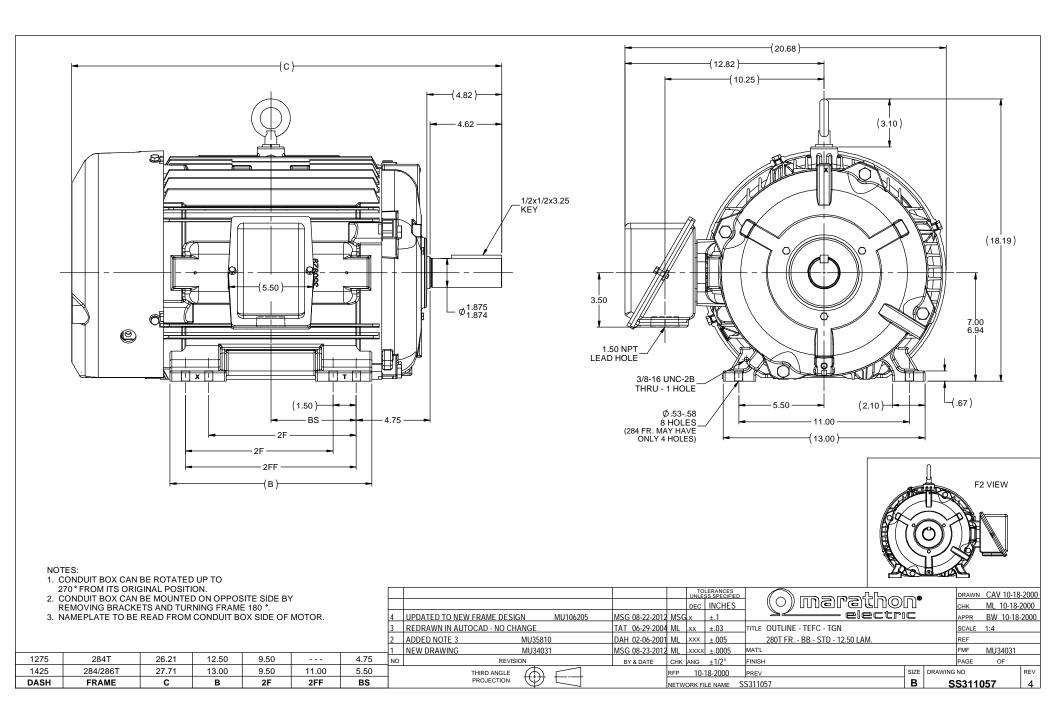
### Nameplate Specifications

Output HP	15 Hp	Output KW	11.2 kW
Frequency	60 Hz	Voltage	460 V
Current	20.4 A	Speed	1178 rpm
Service Factor	1.15	Phase	3
Efficiency	91.7 %	Power Factor	75
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	54
Number of Speeds	1		

### **Technical Specifications**

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	6	Rotation	Reversible
Resistance Main	.5026 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	26.21 in
Frame Length	12.75 in	Shaft Diameter	1.875 in
Shaft Extension	4.82 in	Assembly/Box Mounting	F1/F2 Capable
Connection Drawing	A-EE7300	Outline Drawing	B-SS311057-1275

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#### **CERTIFICATION DATA SHEET**

Model#:	284TTFNA6576 AA	WINDING#:	284658 NONE 7
CONN. DIAGRAM:	A-EE7300	ASSEMBLY:	F1/F2 CAPABLE
OUTLINE:	B-SS311057-1275		

#### TYPICAL MOTOR PERFORMANCE DATA

НР		ĸw		SYNC. R	РМ	F.L. RF	м	FRAM	ИE	ENG	CLOSU	RE	KVA C	ODE		DESIGN				
15		11.2		1200	1200			284T			TEFC		G	G		В				
РН	Hz	z	VOLTS	FL	AMPS	START	TYPE	DUTY		INSL		S.F	-	AMB°	°C	ELEVATION				
3	60	0	460		20.4	LINE	-	CONTINUOU F3 S		1.15		5	40		3300					
FULL LOAD E	FULL LOAD EFF: 91.7 3/4 LOAD EFF: 9		: 91.7	1.7 1/2 LOAD EFF: 91		GTD. EFF		E	ELEC. TYPE			NO LOAD AMPS								
FULL LOAD	PF: 75	3/	/4 LOAD P	-: 69	1/2 LO	AD PF:	57.5	91 SQ C		SQ C	SQ CAGE INV RATED		)	10						
F.L. TO	RQUE		LOCKE		AMPS		L.R. TORQUE B.D. TO		B.D. TORQUE			F.L. RISE°C		RISE°C						
66.9 L	B-FT			116			120 LB	3-FT 179 205 LB-FT		205 LB-FT 306			55							
SOUND PRES @ 3 FT.		SOUNE	D POWER	RO		2	MAX.	. WK^2 SAF		WK^2 SAFE		WK^2 SAFE STALL T		SAFE STALL TIME			STARTS /HOUR		APP	ROX. MOTOR WGT
56 dBA	56 dBA 6		6 dBA	4.1	LB-FT^2	~2 280 LB		3-FT^2 2		3-FT^2		B-FT^2 20 S		20 SEC.	20 SEC. 2		2			460 LBS.

#### \*\*\* SUPPLEMENTAL INFORMATION \*\*\*

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RIGID	HORIZONTAL	PREMIUM SEVERE DUTY	DIVISION 2 T2B	FALSE	NONE	BLUE (EPOXY)

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	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
*	INVERTER TORQUE: CONSTANT 20:1
Ν	INV. HP SPEED RANGE: 1.5 X BASE SPEED
0	ENCODER: NONE
T	NONE NONE
E	NONE NONE PPR
S	
*	BRAKE: NONE NONE
	NONE P/N NONE
	NONE NONE
	NONE FT-LB NONE V NONE Hz

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