PRODUCT INFORMATION PACKET

Model No: 286TTFNA6576 Catalog No: E639 20 HP Severe Duty Motor, 3 phase, 1200 RPM, 460 V, 286T Frame, TEFC Severe Duty Motors



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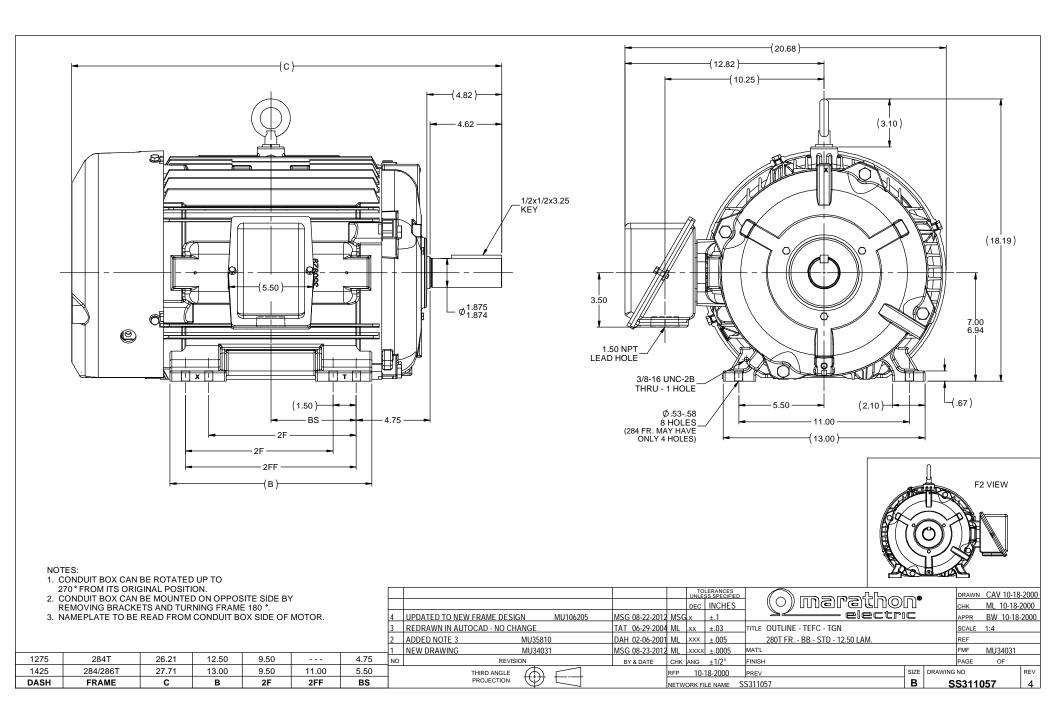
Nameplate Specifications

Output HP	20 Hp	Output KW	14.9 kW
Frequency	60 Hz	Voltage	460 V
Current	26.8 A	Speed	1175 rpm
Service Factor	1.15	Phase	3
Efficiency	91.7 %	Power Factor	76
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	Υ	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	.385 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	27.71 in
Frame Length	14.25 in	Shaft Diameter	1.875 in
Shaft Extension	4.82 in	Assembly/Box Mounting	F1/F2 Capable
Connection Drawing	A-EE7300	Outline Drawing	B-SS311057-1425

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CERTIFICATION DATA SHEET

Model#:	286TTFNA6576 AA	WINDING#:	286654 NONE 7
CONN. DIAGRAM:	A-EE7300	ASSEMBLY:	F1/F2 CAPABLE
OUTLINE:	B-SS311057-1425		

TYPICAL MOTOR PERFORMANCE DATA

НР		ĸw		SYNC. F	RPM	F.L. F	RPM	FRAM	ΛE	ENG	CLOSU	RE	(VA CO	DE	DESIGN
20		14.9)	1200		1200 1175		286T TEFC		TEFC	G			В	
РН	н	Iz	VOLT	rs F	L AMPS	STAR		DUTY		INSL		S.F		АМВ°С	ELEVATION
3	6	60	460)	26.8		IE OR ERTER	CONTINU S	OU	F3		1.15		40	3300
FULL LOAD EFF: 91.7 3/4 LOAD EFF		FF: 91.7	91.7 1/2 LOAD EFF: 91.7		GTD. EFF		E	LEC. TYP	È	N	D LOAD AMPS				
FULL LOAD	PF: 76	3/	4 LOAD I	PF: 70.5	1/2 LO	AD PF	PF: 59.5 91		91 SQ CAGE INV RA		RATED	D 12.5			
F.L. TC	RQUE		LOCK	ED ROTO	R AMPS L.R. TC		L.R. TORQUE B.D. TOR		QUE		F.I	L. RISE°C			
89 LI	B-FT			145			157 LB-FT 176 23		5 238 LB-FT 267			60			
SOUND PRES @ 3 FT.		SOUN		R R	DTOR WK^	2	MAX.	WK^2	SAF	E STALL	TIME	-	ARTS OUR	A	PPROX. MOTOR WGT
56 dBA		6	6 dBA	4	.8 LB-FT^2	2 350 LB-		-FT^2		20 SEC.			2		550 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

DATE: 06/21/2017 10:19:00 AM FORM 3531 REV.3 02/07/99

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