PRODUCT INFORMATION PACKET

Model No: 284THFNA19102 Catalog No: W543 10 HP Severe Duty Motor, 3 phase, 900 RPM, 460 V, 284T Frame, TEFC Severe Duty Motors



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marathon[®] Motors



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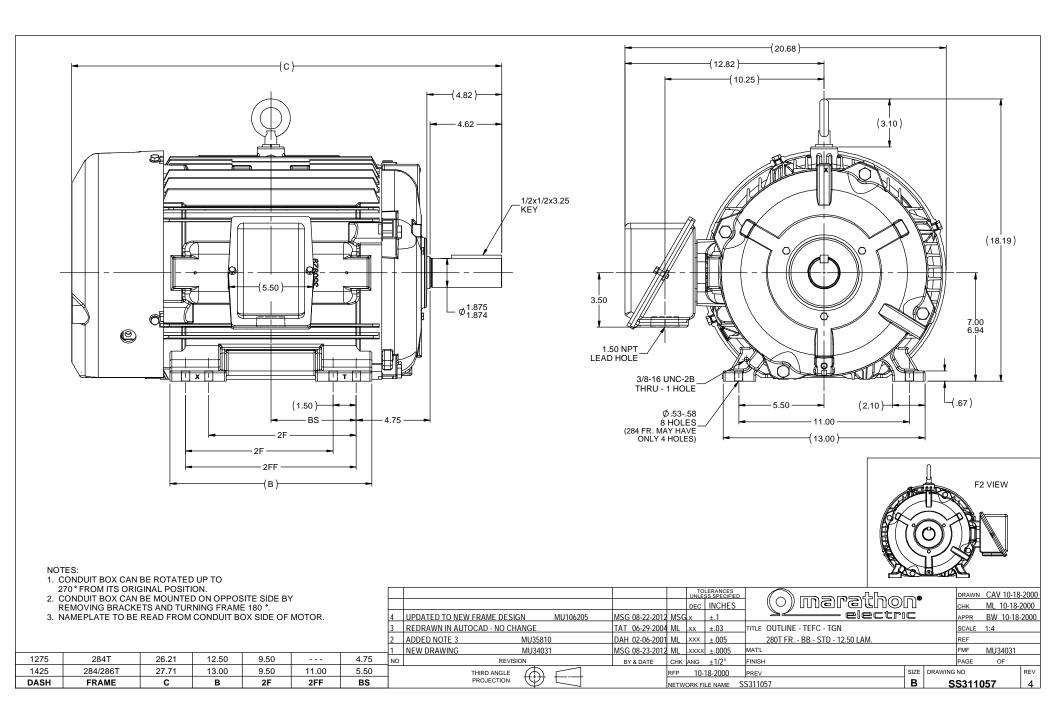
Nameplate Specifications

Output HP	10 Hp	Output KW	7.5 kW
Frequency	60 Hz	Voltage	460 V
Current	15.5 A	Speed	880 rpm
Service Factor	1.15	Phase	3
Efficiency	90.2 %	Power Factor	67
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	F
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	Υ	IP Code	56
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	8	Rotation	Reversible
Resistance Main	.715 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#:	284THFNA19102 BB	WINDING#:	K284842 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.	. RPM	FRAM	ΛE	ENG	CLOSU	RE	KVA	COD	DE	DESIGN				
10		7.5		900		ε	380	284	Т		TEFC		F			В				
РН	Hz	z	VOLTS	FI	AMPS	STA	ART TYPE	DUTY		INSL		S.	F	Α	MB°C	ELEVATION				
3	60	D	460		15.5		INE OR VERTER	CONTINU S			1.15		1.15		40	3300				
FULL LOAD E	FF: 90.2	2 3/4	LOAD EF	F: 90.2	10.2 1/2 LOAD EFF: 88.5 GTD. EFF I		0.2 1/2 LOAD EFF: 88.5 GTD. EFF ELEC. TYPE		TYPE		NO	LOAD AMPS								
FULL LOAD	PF: 67	3/	/4 LOAD P	F: 60	1/2 L0	DAD	PF: 48	89.5 SQ C/		AGE II	NV RATE	D		9						
F.L. TO	RQUE		LOCKE	D ROTOF	R AMPS L.R. TORQUE B.D. TORQUE		L.R. TORQUE B.D. TOR]		F.L.	RISE°C								
60 LE	3-FT			72]	85 LB-	FT 140 132 LB-FT		132 LB-FT 220			50							
SOUND PRESS @ 3 FT.	SURE	SOUN	D POWER	RO	TOR WK^	2	MAX.	WK^2 SAFE STALL TI		FE STALL TIME		AFE STALL TIME		AFE STALL TIME			STARTS /HOUR	6	AP	PROX. MOTOR WGT
54 dBA		64	1 dBA	4	LB-FT^2		- LB-I	-FT^2 20 SEC.		20 SEC		-			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
	NVERTER TORQUE: CONSTANT 10:1
N	NV. HP SPEED RANGE: NONE
O E	ENCODER: NONE
۸ ا	NONE NONE
	NONE NONE PPR
S E	BRAKE: NONE NONE
м	NONE P/N NONE
٨	NONE NONE
l l	NONE FT-LB NONE V NONE Hz

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