# **PRODUCT INFORMATION PACKET**

Model No: 284TTDC6029 Catalog No: E762A 25 HP General Purpose Motor, 3 phase, 1800 RPM, 575 V, 284T Frame, ODP **General Purpose Motors** 



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# marathon®

# Nameplate Specifications

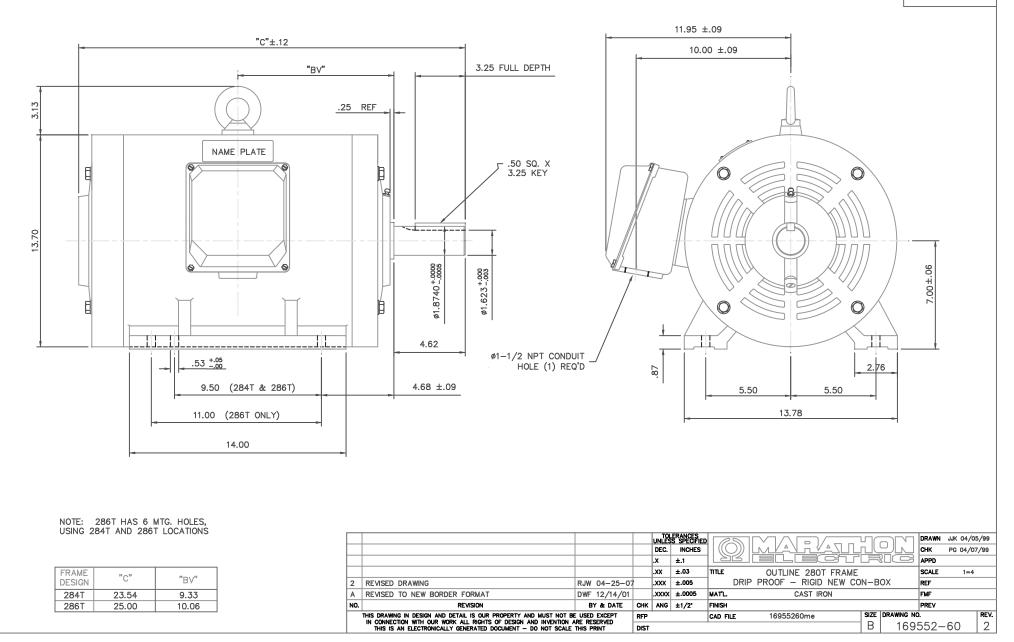
Output HP	25 Нр	Output KW	18.7 kW
Frequency	60 Hz	Voltage	575 V
Current	25.0 A	Speed	1775 rpm
Service Factor	1.15	Phase	3
Efficiency	93.6 %	Power Factor	84
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	G
Frame	284T	Enclosure	Drip Proof
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6311	Opp Drive End Bearing Size	6309
UL	Recognized	CSA	Y
CE	Y	IP Code	12
Number of Speeds	1		

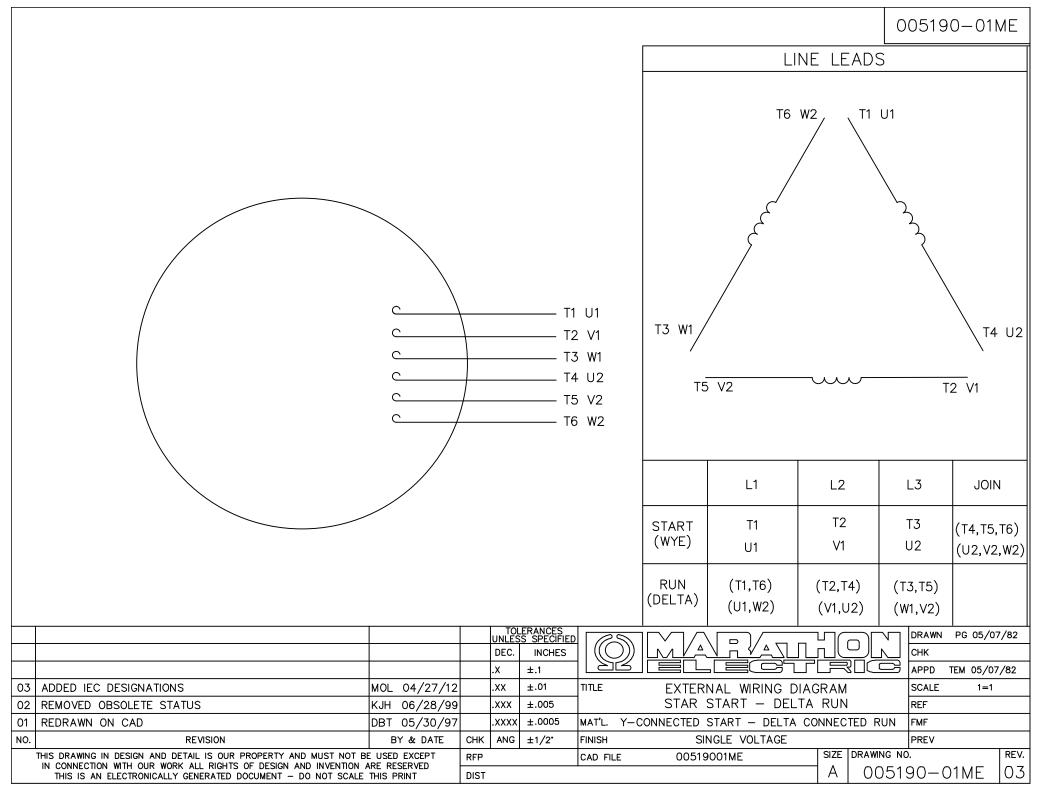
# **Technical Specifications**

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.284 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	23.54 in
Shaft Diameter	1.875 in	Shaft Extension	4.62 in
Assembly/Box Mounting	F1/F2 Capable		
Connection Drawing	00519001ME	Outline Drawing	16955260ME

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### **CERTIFICATION DATA SHEET**

Model#:	284TTDC6029 AA	WINDING#:	T14504007 NONE 4
CONN. DIAGRAM:	00519001ME	ASSEMBLY:	F1/F2 CAPABLE
OUTLINE:	16955260ME		

## TYPICAL MOTOR PERFORMANCE DATA

НР		ĸw		SYNC. R	РМ	F.L.	RPM	FRAM	ΛE	EN	CLOSU	IRE	KVA		DE	DESIGN
25		18.7		1800	1800		775	284T		DP			G		В	
РН	Hz	z	VOLTS	FI	AMPS	STA	RT TYPE	DUTY		INSL		S	F	A	MB°C	ELEVATION
3	60	)	575		25		INE OR VERTER	CONTINU S	OU	F2		1.15	/1.0		40	3300
FULL LOAD E	LOAD EFF: 93.6 3/4 LOAD EFF: 93.6		1/2 LOAD EFF: 93.6		GTD. EFF			ELEC. TYPE			NO LOAD AMPS					
FULL LOAD	PF: 84	3	/4 LOAD P	F: 78	1/2 L0	DAD I	PF: 68	: <b>68</b> 93 SQ		SQ CAGE INV RATE		ED		9.5		
F.L. TO	RQUE		LOCKE	D ROTOF	DTOR AMPS L.R. TO		RQUE		B.	D. TOF	RQUE		F.L. RISE°C		RISE°C	
74 LE	3-FT			135			118.5 LE	3-FT 160 214 LB-F		60214 LB-FT 289			45		45	
SOUND PRESS @ 3 FT.	SURE	SOUN	D POWER	RO	TOR WK^	2	MAX.	WK^2	SAF	E STALL	TIME		START /HOUE	-	A	PPROX. MOTOR WGT
75 dBA		85	5 dBA	-	LB-FT^2		- LB-I	-T^2 15 SEC.			2			404 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	6309					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 information

	Information
N	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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