

PRODUCT INFORMATION PACKET



Model No: 184TTFC6026
Catalog No: GT1013A
5,1800,TEFC,184T,3/60/230/460
Totally Enclosed Fan Cooled (TEFC)



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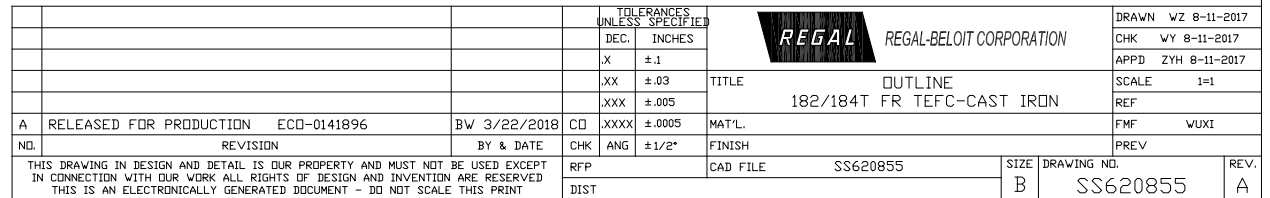
Nameplate Specifications

Output HP	5 Hp	Output KW	3.7 kW
Frequency	60 Hz	Voltage	230/460 V
Current	13.0/6.5 A	Speed	1755 rpm
Service Factor	1.15	Phase	3
Efficiency	89.5 %	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	J	Frame	184T
Enclosure	Totally Enclosed Fan Cooled	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6206
Opp Drive End Bearing Size	6205	UL	Listed
CSA	Y	CE	Y
IP Code	55		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Mounting	Rigid base	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Cast Iron	Shaft Type	T
Frame Length	6.85 in	Shaft Diameter	1.125 in
Shaft Extension	2.75 in	Assembly/Box Mounting	F1/F2 Capable
Outline Drawing	SS620855-184	Connection Diagram	EE7308

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3 of 6



NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED		DRAWN RM	11/20/1990
					DEC.	INCHES		
5	CHG TO REGAL LOGO	SL 09/10/2015	AB				CHK	ML 11/21/1990
4	REVISED IEC NOTATIONS	MSG 11/15/2011	CMN	.X	±.1		APPD	SAS 04/24/2003
3	ADDED IEC NOTATIONS... (U1), (V1) ETC. MU95194	MSG 5/10/2010	MJS	.XX	±.02		SCALE	1=1
2	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS	.XXX	±.005		REF	
1	REDRAWN	RM 11/20/1990		.XXXX	±.0005		FMF	
					±7'30"		PREV	
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT – DO NOT SCALE THIS PRINT					RFP	CAD FILE ee7308	SIZE	DRAWING NO. PAGE OF REV.
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**P.O. BOX 8003
WAUSAU, WI 54401-8003
PH. 715-675-3311**

CERTIFICATION DATA SHEET

CUSTOMER:

CUSTOMER PO#:

ORDER #:

MODEL #: 184TTFC6026 AA

CONN. DIAGRAM: EE7308

CUSTOMER PART

#:

OUTLINE: SS620855-184

MOUNTING: F1/F2 CAPABLE

WINDING #: HE31124020 3

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
5&3	3.70&2.24	1800	1755&1462	184T	TEFC	J	B

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
3	60/50	230/460&190/380	13/6.5&10.2/5.1	LINE OR INVERTER	CONTINUOUS	F7	1.15/1.15	40

FULL LOAD EFF:		89.5&86.5	3/4 LOAD EFF:	89.5	1/2 LOAD EFF:	88.5	GTD. EFF	ELEC. TYPE
FULL LOAD PF:		80&77	3/4 LOAD PF:	75	1/2 LOAD PF:	64	88.5	SQ CAGE INV RATED

F.L. TORQUE		LOCKED ROTOR AMPS	L.R. TORQUE		B.D. TORQUE		F.L. RISE°C
15	LB-FT	99 / 49.5	33	LB-FT	220 %	42	LB-FT 290 %

SOUND PRESSURE @ 3 FT.		SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
50	DBA	60	DBA	- LB-FT^2	- LB-FT^2	15 SEC.	2 - LBS.

***** SUPPLEMENTAL INFORMATION *****

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

BEARINGS		GREASE		SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	ODE							
BALL	BALL							
6206	6205	POLYREX EM		T	NONE	NONE	1045 HOT ROLLED (C-204)	CAST IRON

THERMO-PROTECTORS				THERMISTORS			SPACE HEATERS	
THERMOSTATS		PROTECTORS	WDG RTDs	BRG RTDs				
NONE		NOT	NONE	NONE	NONE	FALSE	NONE	VOLTS

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

PREPARED BY: Anusha Muthiyala
DATE: 05/04/2018 12:23:51 AM
FORM 3531 REV.3 02/07/99
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MARATHON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer

Curve at

460

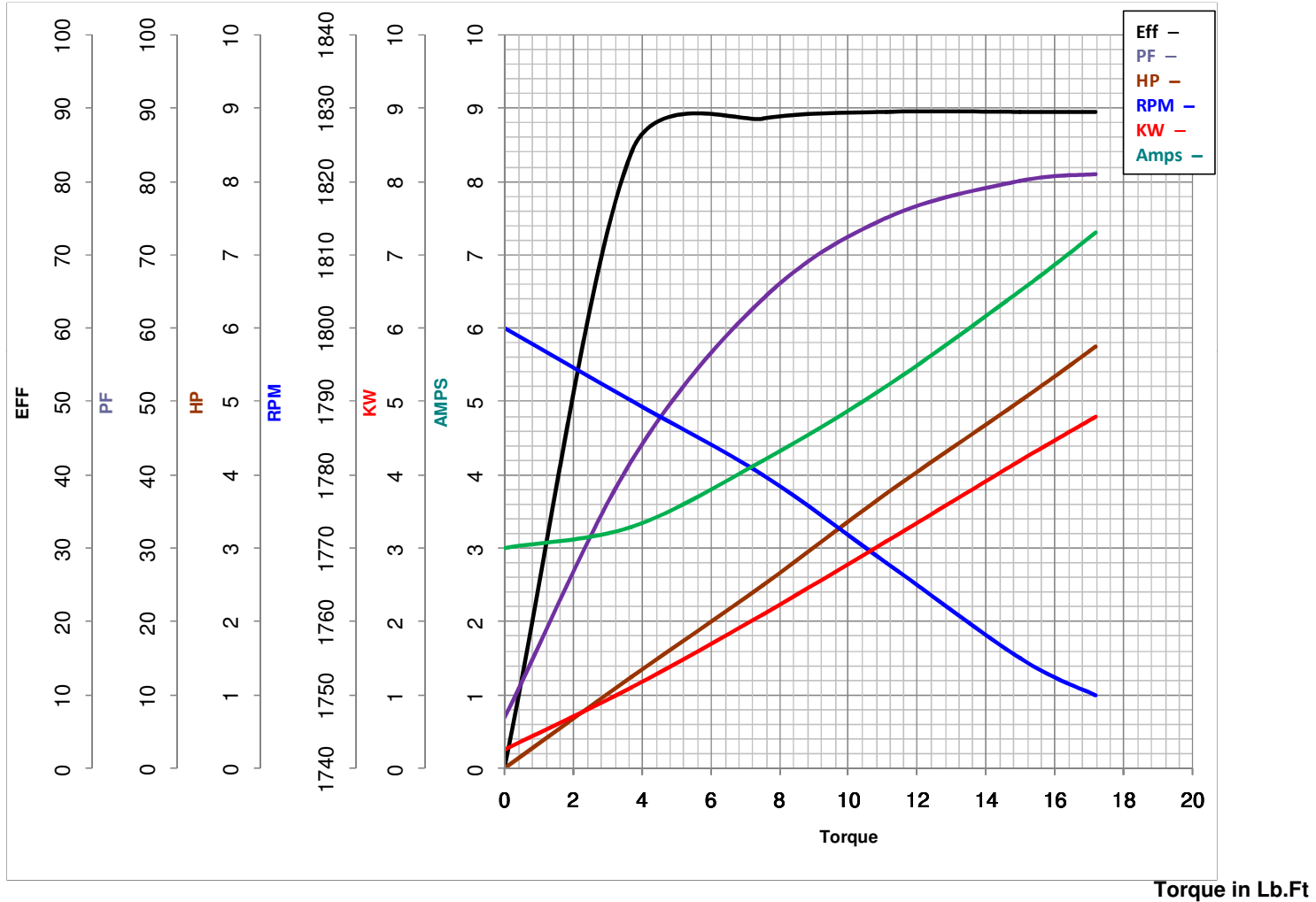
Volts

HP 5&3PHASE 3Model No 184TTFCD602660

HZ

5

HP

VOLTS 230/460&190/380Catalog No GT1013AHZ 60&50RPM 1755&1462FL TORQUE 15 Lb.FtBD TORQUE 42.0 Lb.FtLR TORQUE 33 Lb.FtFL AMPS 13/6.5PU TORQUE 27.0 Lb.FtLR AMPS 49.5

WINDING HE31124020-3

Prepared By

ANUSHA M

Date

5/4/2018