PRODUCT INFORMATION PACKET



Model No: 184TBFW7737 Catalog No: Z121A

General Purpose Farm Duty Motor, 5 HP, 1 Ph, 60 Hz, 230 V, 1800 RPM, 184T Frame, TEFC



Regal and Marathon are trademarks of Regal Rexnord Corporation or one of its affiliated companies.

©2022 Regal Rexnord Corporation, All Rights Reserved. MC017097E



Product Information Packet: Model No: 184TBFW7737, Catalog No:Z121A General Purpose Farm Duty Motor, 5 HP, 1 Ph, 60 Hz, 230 V, 1800 RPM, 184T Frame, TEFC



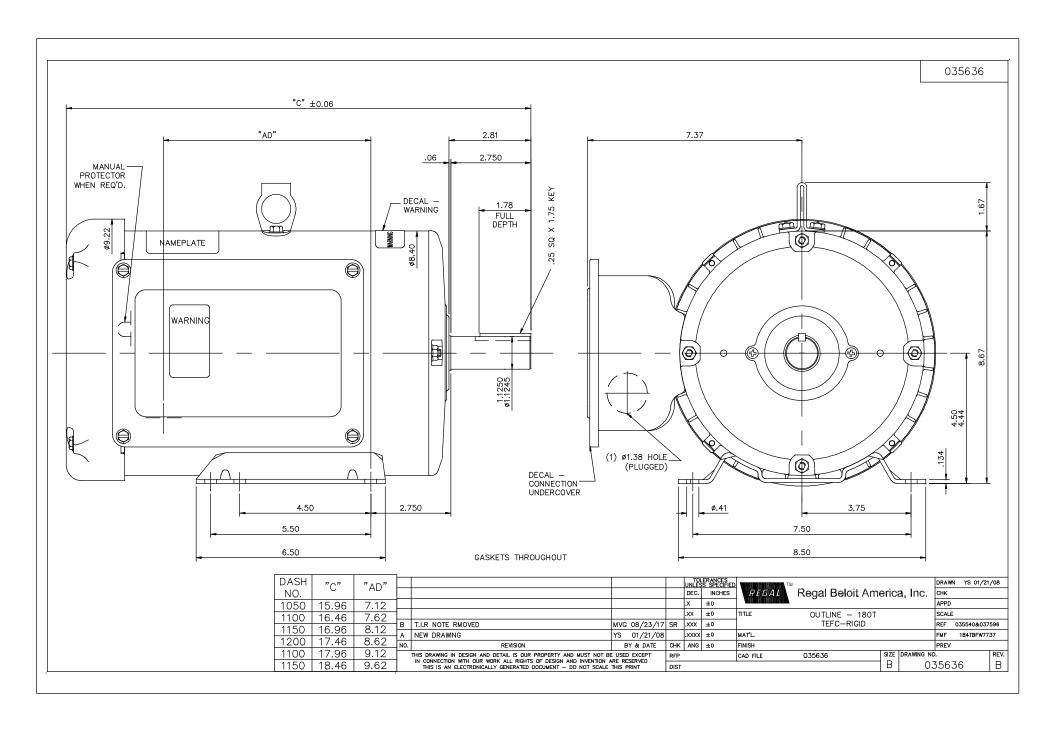
Nameplate Specifications

5 Hp	Output KW	3.7 kW
60 Hz	Voltage	230 V
19.5 A	Speed	1755 rpm
1.15	Phase	1
85.5 %	Power Factor	96.5
Continuous	Insulation Class	F
L	KVA Code	G
184T	Enclosure	Totally Enclosed Fan Cooled
Manual	Ambient Temperature	40 °C
6206	Opp Drive End Bearing Size	6205
Recognized (Not Protector)	CSA	Υ
Υ	IP Code	43
1		
	60 Hz 19.5 A 1.15 85.5 % Continuous L 184T Manual 6206 Recognized (Not Protector)	60 Hz Voltage 19.5 A Speed 1.15 Phase 85.5 % Power Factor Continuous Insulation Class L KVA Code 184T Enclosure Manual Ambient Temperature 6206 Opp Drive End Bearing Size Recognized (Not Protector) CSA

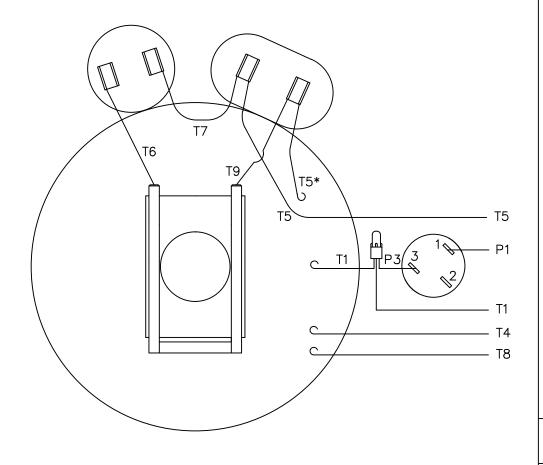
Technical Specifications

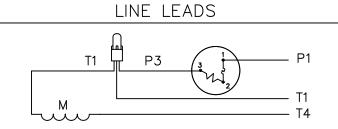
Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Resistance Main	0 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Т	Overall Length	17.46 in
Frame Length	12.00 in	Shaft Diameter	1.125 in
Shaft Extension	2.81 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	005056.03ME	Outline Drawing	035636-1200

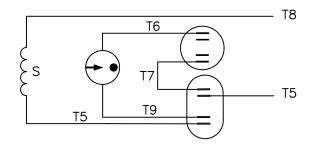
This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:11/28/2022











 ROTATION FACING LEAD END
 L1
 L2
 JOIN

 C.C.W.
 P1
 T4,T5
 T1,T8

 C.W.
 P1
 T4,T8
 T1,T5

* THIS LEAD MAY BE WHITE

				TOL UNLES	ERANCES S SPECIFIED				DRAW	N LST 9/9,	/03	
				DEC.	INCHES	REGAI	L-BELOIT)IT ((<i>^ \Y_\(\O_\(\tau\(\G_\(\tau\(\T</i>)		CHK	KH 9/9/0) 3
				.x	±.1		Tied mologies			₽ APPD		
				.xx	±.01	TITLE	EXTERNAL WINNESS DIVISIONIN			SCALE	1=1	
				.xxx	±.005]	TYPE "K" W/ PROTECTOR		REF			
				.xxxx	±.0005	MAT'L.	DECAL - 004015		FMF	139045		
NO.	REVISION	BY & DATE	СНК	ANG	±1/2°	FINISH				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					CAD FILE	00505603ME	S	IZE DRAWING			REV.
				DIST BRF-NLV					A 005)56 –	-03ME	

CERTIFICATION DATA SHEET

184TBFW7737 AA WINDING#: K8495 NONE 2 Model#: ASSEMBLY: F1 ONLY CONN. DIAGRAM: 005056.03ME

OUTLINE: 035636-1200

TYPICAL MOTOR PERFORMANCE DATA

	HP	KW	<u>, </u>	SYN	IC. RPM	F.L. RPM	FRAME	ENCLOS	SURE	KV	A CODE	DESIGN
	5	3.70)		1800	1755	184T	TEF	С		G	L
	PH	——————————————————————————————————————	VOI	LTS	FL AMP	S START TYPE	DUTY	INSL	s.	.F	AMB°C	ELEVATION
i			i		40.5		00171111011		i			

1 60	230	10.5	4.0D.000 TUE	0011711111011				
1 77 1	230	19.5	ACROSS THE	CONTINUOU	F4	1.15	40	3300
			LINE	S				

FULL LOAD EFF: 85.5	3/4 LOAD EFF: 85	1/2 LOAD EFF: 80.9	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 96.5	3/4 LOAD PF: 97.2	1/2 LOAD PF: 96.6	82.5	CAP START CAP RUN	2.9

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
14.9 LB-FT	133.5	38.9 LB-FT 261	37.5 LB-FT 252	73

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
0 dBA	10 dBA	0 LB-FT^2	0 LB-FT^2	10 SEC.	2	0 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)

BEAF	BEARINGS		SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT	FRAME
DE	OPE					MATERIAL	MATERIAL
BALL	BALL	POLYREX EM	Т	NONE	NONE	AISI 1045 (C-240)	ROLLED STEEL
6206	6205						

	THERMO-PF	ROTECTORS	THERMISTORS	CONTROL	SPACE /n HEATERS	
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	MANUAL	NONE	NONE	NONE	FALSE	NONE VOLTS

If Inverter equals NONE, contact factory for further information

INVERTER TORQUE: NONE INV. HP SPEED RANGE: NONE

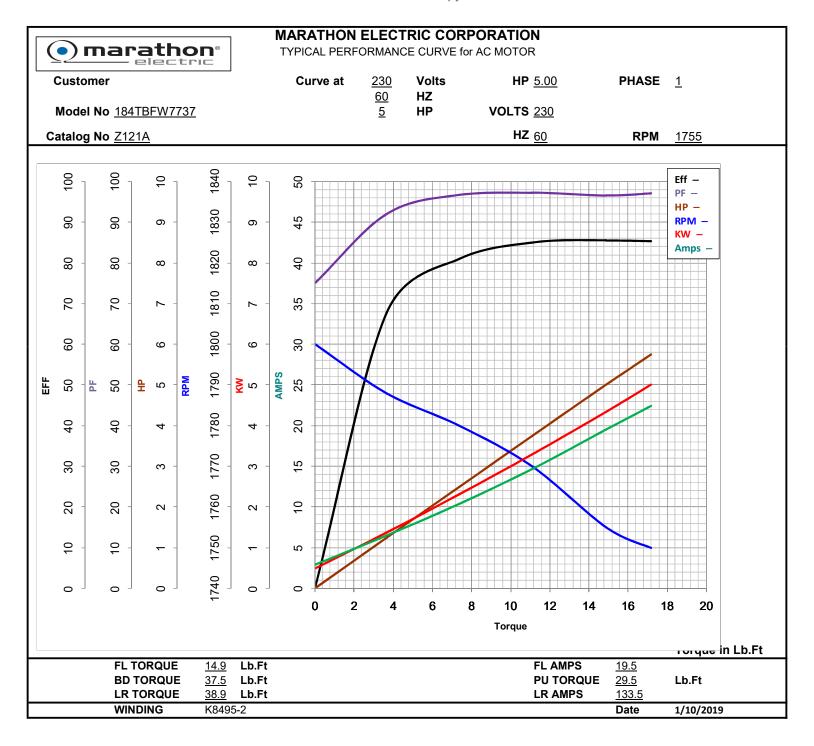
ENCODER: NONE NONE NONE NONE NONE PPR

NONE BRAKE: NONE NONE P/N NONE NONE NONE

NONE FT-LB NONE V NONE Hz

Ν 0 Т Е S

> DATE: 06/28/2017 06:15:24 AM FORM 3531 REV.3 02/07/99 ** Subject to change without notice.





EC Declaration of Conformity

The undersigned representing the manufacturer:

Regal Beloit America 100 East Randolph St. Wausau, WI 54401 and the authorized representative established within the Community:

Marathon Electric UK 6F Thistleton Road Ind. Estate Market Overton Oakham, Rutland LE15 7PP UK

are committed to providing customers with products that comply with applicable regulations and international protocols to which they are subject, including the requirements of the European Parliament Directive on the Harmonization of the laws relating to electrical equipment designed for use within certain voltage limits (2014/35/EU).

Regal Beloit America declares that the following product(s), to which this declaration relates, are in conformity with the relevant sections of the EC standards listed below.

This statement supersedes any statements previously issued pertaining to the product(s) listed below and is subject to change without notice.

Model No: 184TBFW7737

(Model No. may contain prefix and/or suffix characters)

Catalog No: Z121A

Rework No: N/A

Directives:

Low Voltage Directive 2014/35/EU

Harmonized Standards Used:

EN 60034-1: 2010 (IEC 60034-1: 2010)

Michael A Logsdon

EN 60034-5: 2001/A1:2007 (IEC 60034-5: 2000/A1:2006)

Authorized Representative:

Michael A. Logsdon Vice President, Technology

Created on 09/01/2022

Authorized Representative in the Community:

J. cerse

Julian Clark Marketing Engineer

(€ 22