

PRODUCT INFORMATION PACKET

Model No: 184TTDW16040

Catalog No: E916B

General Purpose Motor, 5 HP, 3 Ph, 60 Hz, 575 V, 1800 RPM, 184T Frame, DP



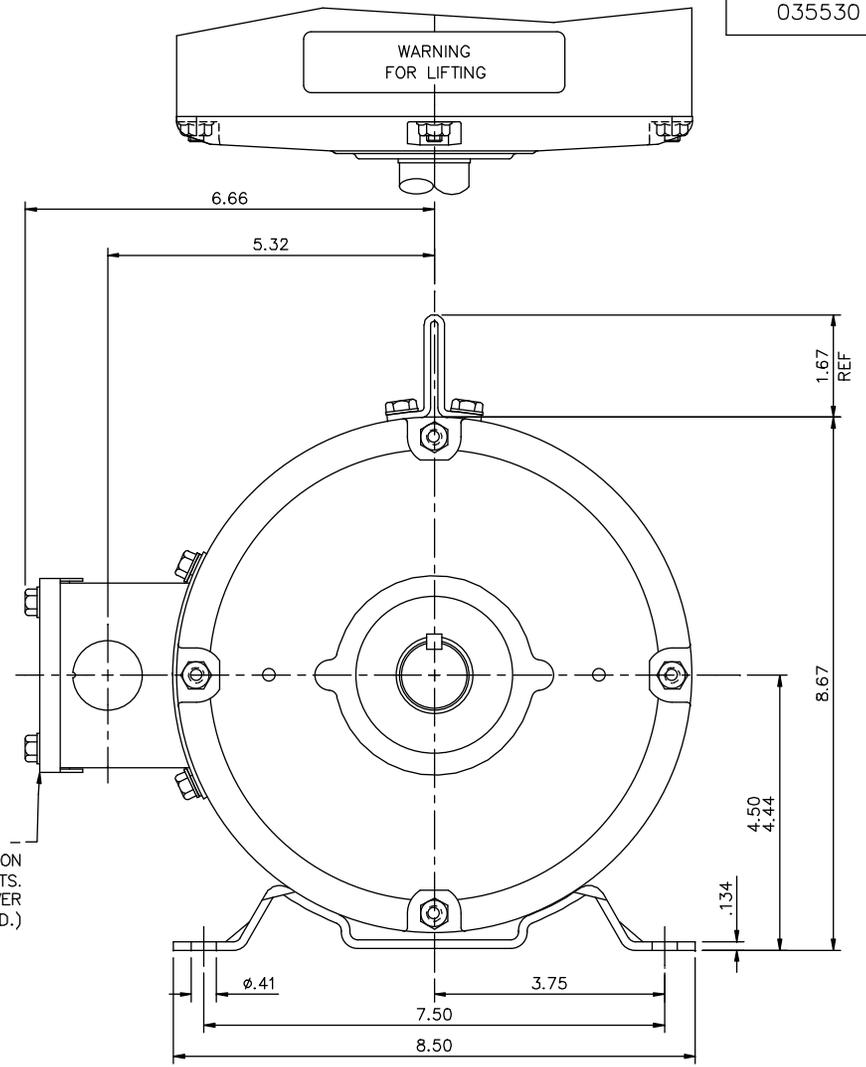
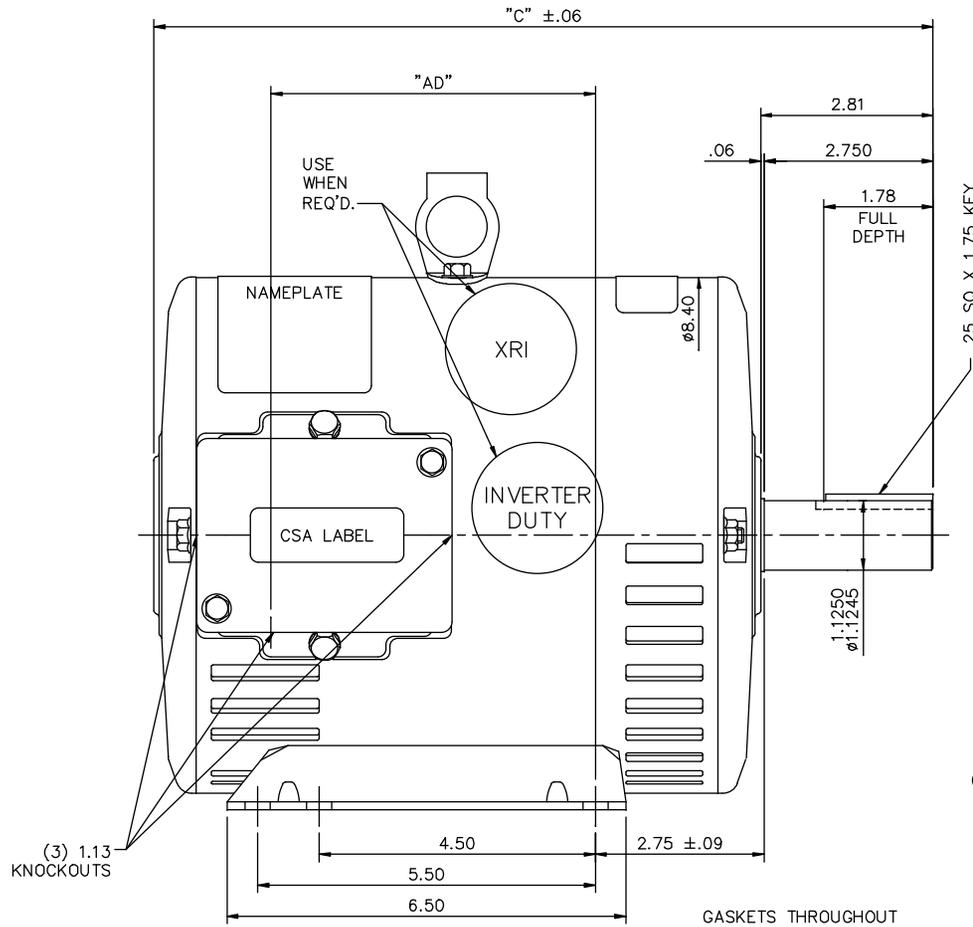
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Nameplate Specifications

Output HP	5 Hp	Output KW	3.7 kW
Frequency	60 Hz	Voltage	575 V
Current	5.1 A	Speed	1755 rpm
Service Factor	1.15	Phase	3
Efficiency	89.5 %	Power Factor	83
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	J
Frame	184T	Enclosure	Drip Proof
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6206	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	2.72 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Overall Length	14.19 in
Frame Length	10.00 in	Shaft Diameter	1.125 in
Shaft Extension	2.81 in	Assembly/Box Mounting	F1 ONLY
Inverter Load	VARIABLE 10:1		
Outline Drawing	035530-1000	Connection Drawing	005102.01ME

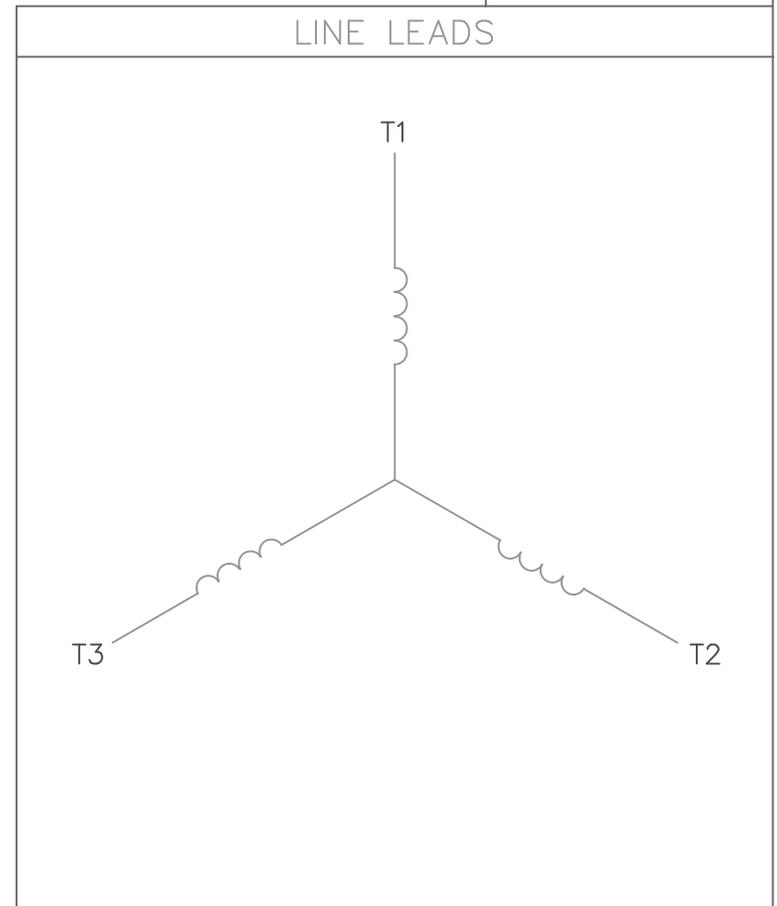
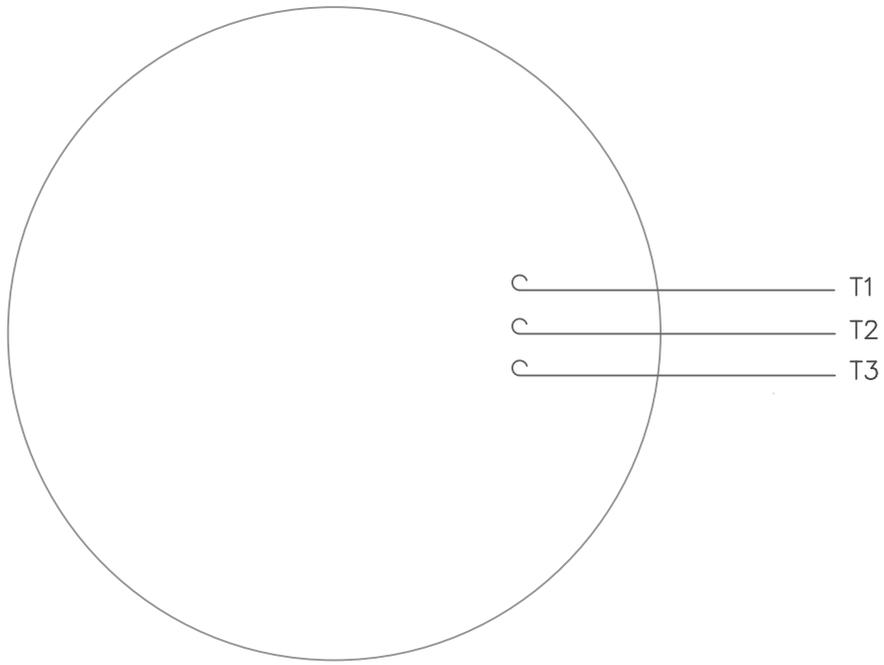


GASKETS THROUGHOUT

DASH NO.	"C"	"AD"
850	12.69	5.25
900	13.19	5.75
950	13.69	6.25
1000	14.19	6.75
1050	14.69	7.25
1100	15.19	7.75
1150	15.69	8.25

		TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC		DRAWN			
		DEC.	INCHES			YS 06/21/07			
		.X	±.1			CHK			
03	REMOVED INV & XRI DECALS AS PER ISSAC 12-5294	.XX	±.03	TITLE		APPD			
02	ADDED STICKER LOCATIONS PER ECR 91487	.XXX	±.005	OUTLINE - 180T FRAME		SCALE 1=2			
01	TITLE BLOCK WAS LEESON	.XXXX	±.0005	DRIP PROOF - RIGID		REF 035464			
NO. REVISION		BY & DATE	CHK ANG	MATERIAL		FMF			
			±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				RFP	CAD FILE	035530	SIZE	DRAWING NO.	REV.
				DIST	NLV		B	035530	03

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



CONNECT LEADS AS FOLLOWS
FOR FOUR CONDUCTOR CORD ()

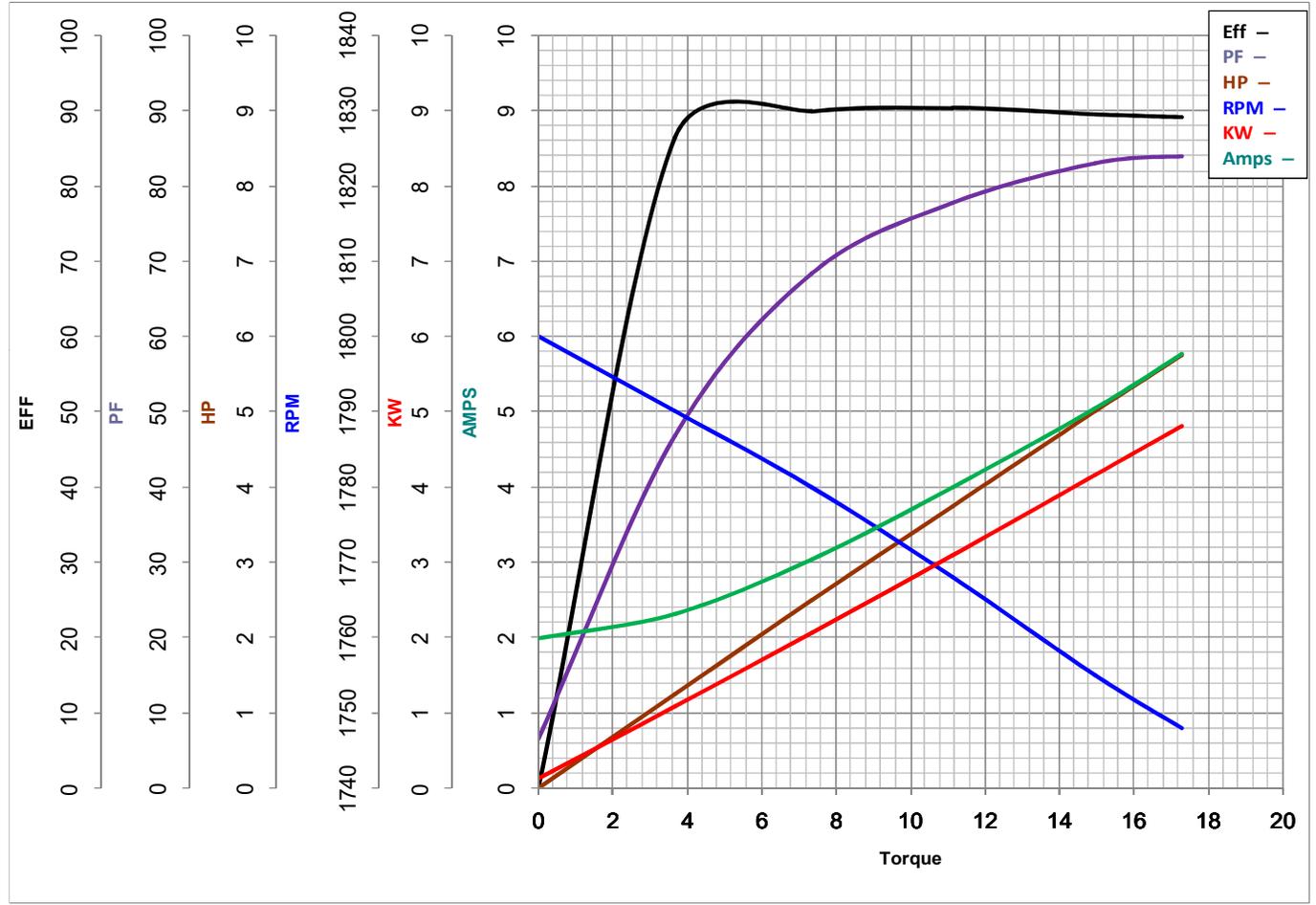
CORD	L1 (RED)	L2 (WHITE)	L3 (BLACK)	(GREEN)
MOTOR	T1	T2	T3	GROUND

		TOLERANCES UNLESS SPECIFIED				DRAWN RDW 5/1/02			
		DEC.	INCHES			CHK			
		.X	±.1			APPD			
		.XX	±.01			SCALE 1=1			
		.XXX	±.005			REF			
		.XXXX	±.0005	MAT'L. DECAL - 004169		FMF			
NO.	REVISION	BY & DATE	CHK	ANG	±1/2'	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	5/1/02	CAD FILE	00510201ME	SIZE A	DRAWING NO. 005102-01ME	REV.
			DIST						



MARATHON ELECTRIC CORPORATION
TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer _____ Curve at 575 Volts HP 5.00 PHASE 3
 Model No 184TTDW16040 60 HZ 5 HP VOLTS 575
 Catalog No E916B HZ 60 RPM 1755



Torque in Lb.Ft

FL TORQUE 14.95 Lb.Ft
 BD TORQUE 47.7 Lb.Ft
 LR TORQUE 30 Lb.Ft

FL AMPS 5.1
 PU TORQUE 29.0 Lb.Ft
 LR AMPS 37.04

WINDING T84169-4

Date 1/10/2019

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 : 184TTDW16040

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

Catalog No : E916B

Rework No : N/A

Directives :

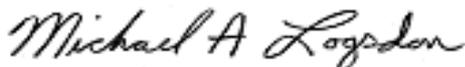
Low Voltage Directive 2014/35/EU

Harmonized Standards Used :

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

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

Authorized Representative:



Michael A. Logsdon
Vice President, Technology

Authorized Representative in the Community:



Julian Clark
Marketing Engineer

Created on 09/01/2022

CE 22