

PRODUCT INFORMATION PACKET



Model No: 132393.00

Catalog No: 132393.00

Crop Dryer Motor, 5 & 7 HP, 3 Ph, 60 & 60 Hz, 230/460 & 208-230/460 V, 3600 & 3600 RPM,
184TZ Frame, TEAO



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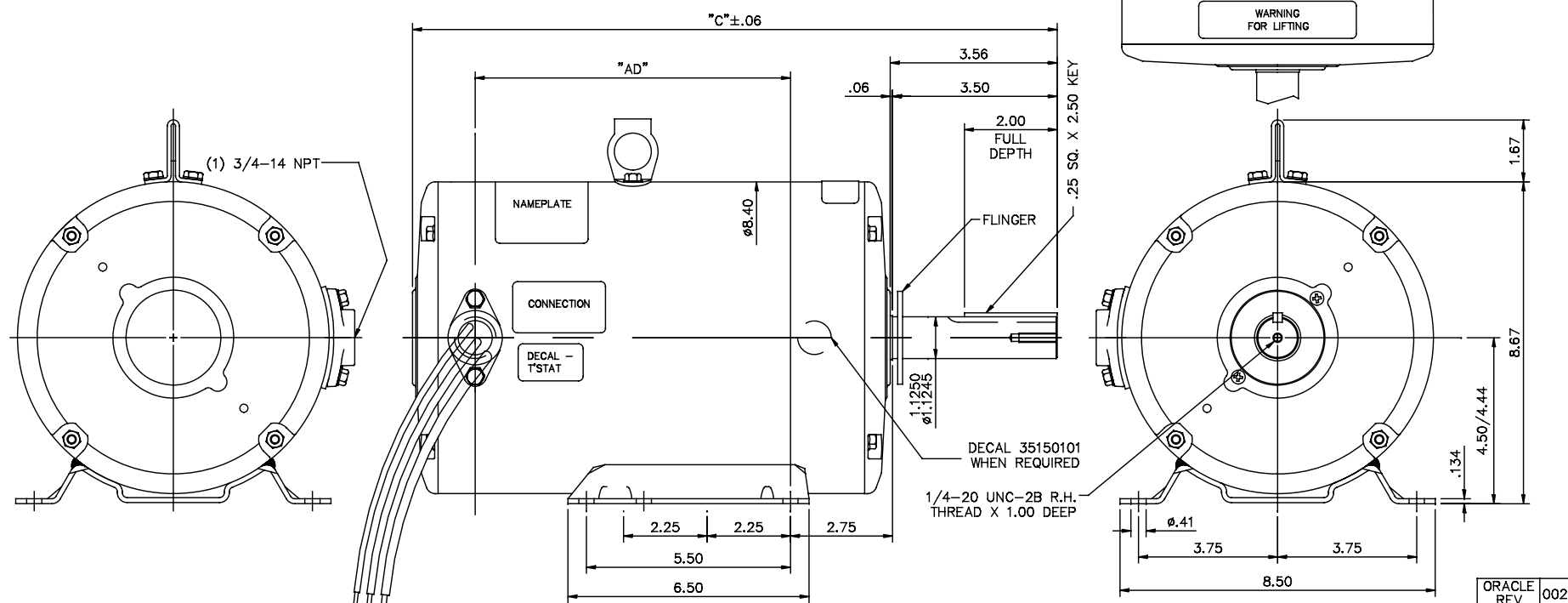
Nameplate Specifications

Phase	3	Output HP	5 & 7 Hp
Output KW	3.7 & 5.2 kW	Voltage	230/460 & 208-230/460 V
Speed	3545 & 3545 rpm	Service Factor	1.0 & 1.0
Frame	184TZ	Enclosure	Totally Enclosed Air Over
Thermal Protection	Thermostat	Efficiency	89.5 & 89.5 %
Ambient Temperature	50 °C	Frequency	60 & 60 Hz
Current	16.5/8.3 & 18.3-16.5/8.25 A	Power Factor	88.6
Duty	Continuous	Insulation Class	F
Design Code	NO DESIGN CODE	KVA Code	J
Drive End Bearing Size	6206	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	.48 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Single Special Extension	Overall Length	15.38 in
Frame Length	9.50 in	Shaft Diameter	1.125 in
Shaft Extension	3.5 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	005010.20LE	Outline Drawing	035940LE-950

035940LE



SEE MODEL FOR LEAD LENGTH.

						TOLERANCES UNLESS SPECIFIED		ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN UD 07/25/14
						DEC. INCHES			CHK SR 07/25/14
						.X ±.1			APPD
						.XX ±.03	TITLE	OUTLINE - 184TZ FRAME TEAO - RIGID	SCALE 3=8
950	15.38	6.50	C	ADDED FLINGER ECO 0081867	GWS 7/20/15	.XXX ±.005			REF 035940CY
1000	15.88	7.00	B	UPDATED PER ECR-0075747	PVR 02/19/15	ST .XXXX ±.0005	MAT'L		FIMF
1050	16.38	7.50	NO.	REVISION	BY & DATE	CHK ANG ±1/2"	FINISH		PREV
1100	16.88	8.00	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				RFP	CAD FILE 035940LE	SIZE B
1150	17.38	8.50	THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT				DIST		DRAWING NO. 035940LE
1200	17.88	9.00							REV. C
1250	18.38	9.50							



CERTIFICATION DATA SHEET

1051 CHEYENNE AVE.
GRAFTON, WI 53024
PH. 262-377-8810

CONN. DIAGRAM: 005010.20LE

CATALOG #: 132393.00

OUTLINE: 035940LE-950

MOUNTING: F1 ONLY

WINDING #: T8261 R1 3

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
5&7	3.70&5.20	3600	3545&3545	184TZ	TEAO	J	NO DESIGN CODE

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB° C
3	60/60	208-230/460&208-230/460	13.1-16.5/8.3&18.3-16.5/8.25	ACROSS THE LINE	CONTINUOUS	F4	1.0/1.0	50

FULL LOAD EFF:	89.5&89.5	3/4 LOAD EFF:	89.4	1/2 LOAD EFF:	87.4	GTD. EFF	ELEC. TYPE
FULL LOAD PF:	88.6&88.6	3/4 LOAD PF:	85	1/2 LOAD PF:	77	85.5	SQ CAGE IND RUN

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
7.5 lb-ft	135.9 / 67.9	22.4 lb-ft 0 %	35.51 lb-ft 0 %	0

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
0 dBA	10 dBA	0.434 LB-FT^2	0 LB-FT^2	0 SEC.	0	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	GRAY - LIGHT (EPOXY)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	ODE						
BALL	BALL						
6206	6205	POLYREX EM	SGL SPL EXT	SPECIAL	NONE	AISI 1045 (C-240)	ROLLED STEEL

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
TSTATS (N/C)	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

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INVERTER TORQUE: NONE
INV. HP SPEED RANGE: NONE

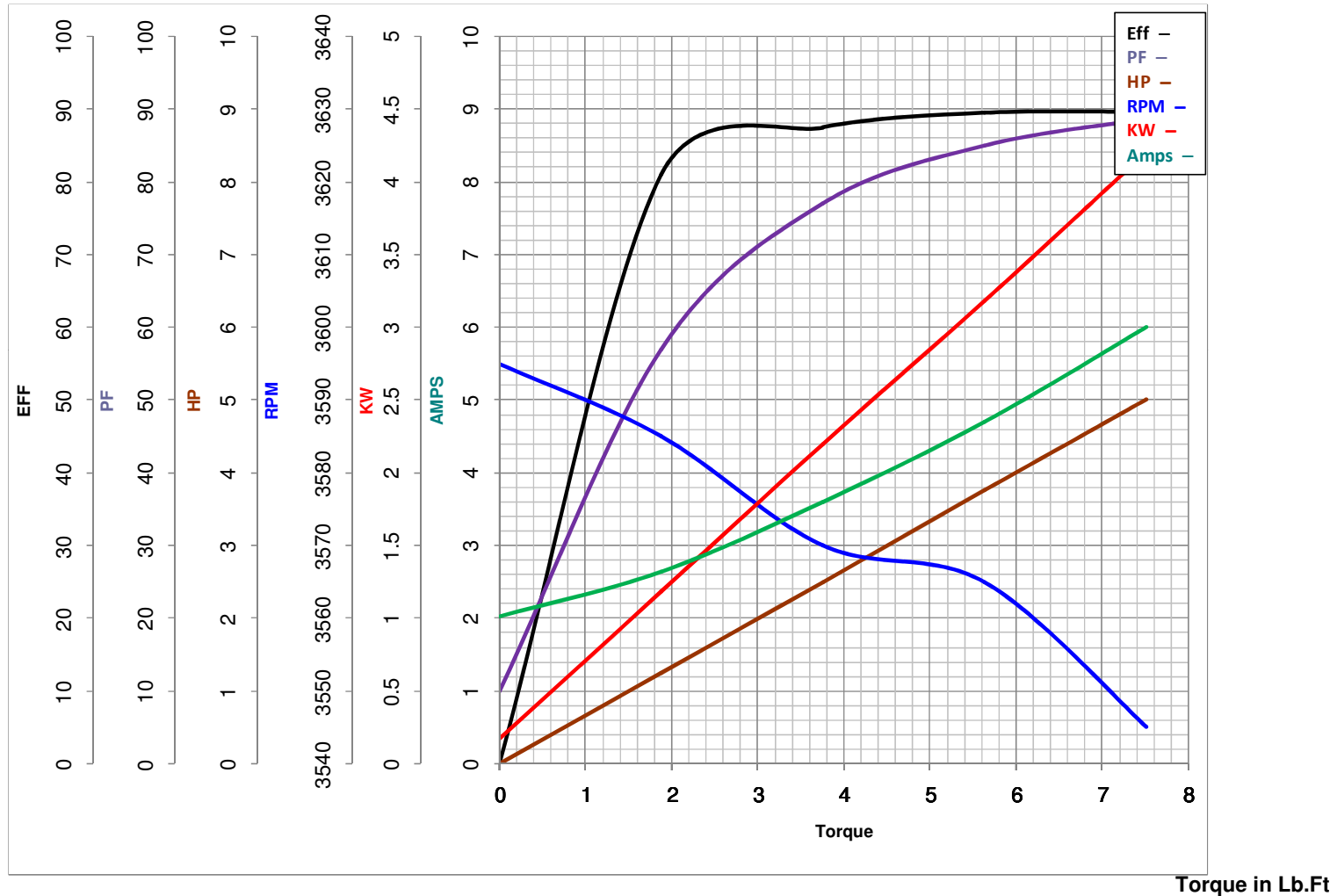
ENCODER: NONE
NONE NONE
NONE NONE PPR

BRAKE: NONE NONE
NONE P/N NONE
NONE NONE
NONE FT-LB NONE V NONE Hz



LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 132393Curve at 460
60
5Volts
HZ
HPHP 5&7PHASE 3VOLTS 208-230/460&208-230/460Catalog No 132393HZ 60&60RPM 3545&3545

Torque in Lb.Ft

FL TORQUE 7.5 Lb.Ft
 BD TORQUE 35.5 Lb.Ft
 LR TORQUE 22.4 Lb.Ft

FL AMPS 13.1-16.5/8.3
 PU TORQUE 21.0 Lb.Ft
 LR AMPS 67.93

WINDING T8261-

Date 4/1/2019

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 : 132393.00

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

Catalog No : 132393.00

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

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