

PRODUCT INFORMATION PACKET



Model No: 141431.00
Catalog No: 141431.00
Crop Dryer Motor, 10 HP, 1 Ph, 60 Hz, 230 V, 1800 RPM, 215JM Frame, DP



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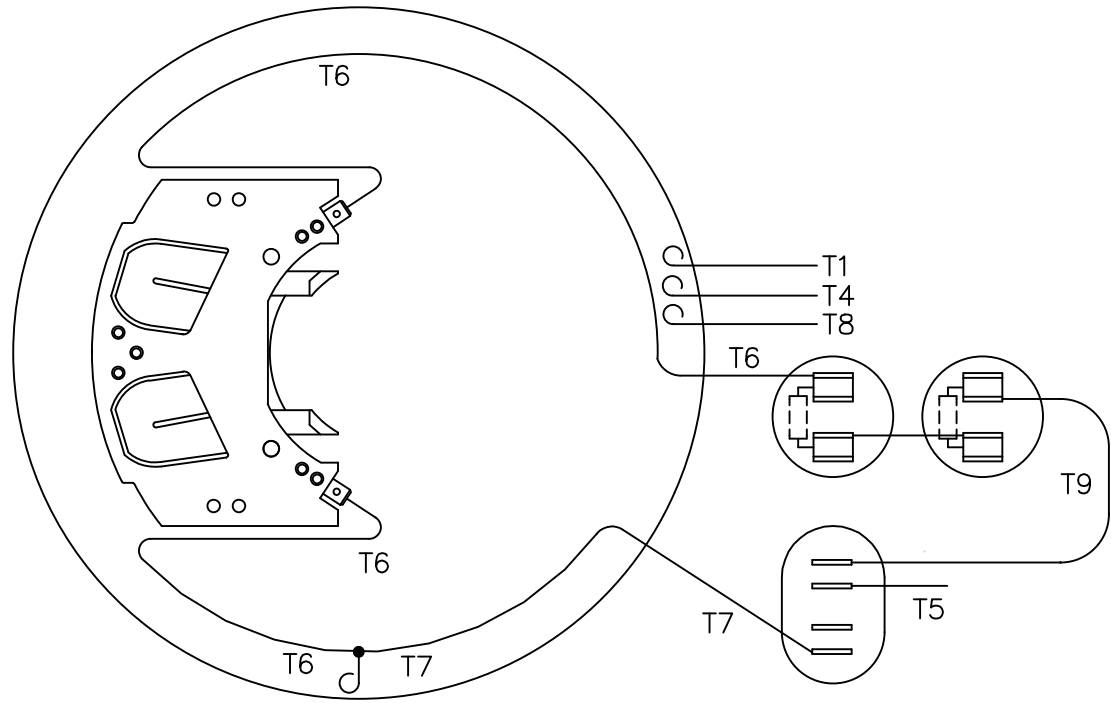
Nameplate Specifications

Output HP	10 Hp	Output KW	7.5 kW
Frequency	60 Hz	Voltage	230 V
Current	39.0 A	Speed	1745 rpm
Service Factor	1.15	Phase	1
Efficiency	86.5 %	Power Factor	96.4
Duty	Continuous	Insulation Class	F
Design Code	L	KVA Code	G
Frame	215JM	Enclosure	Drip Proof
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6206
UL	Recognized	CSA	Y
CE	Y	IP Code	12
Number of Speeds	1		

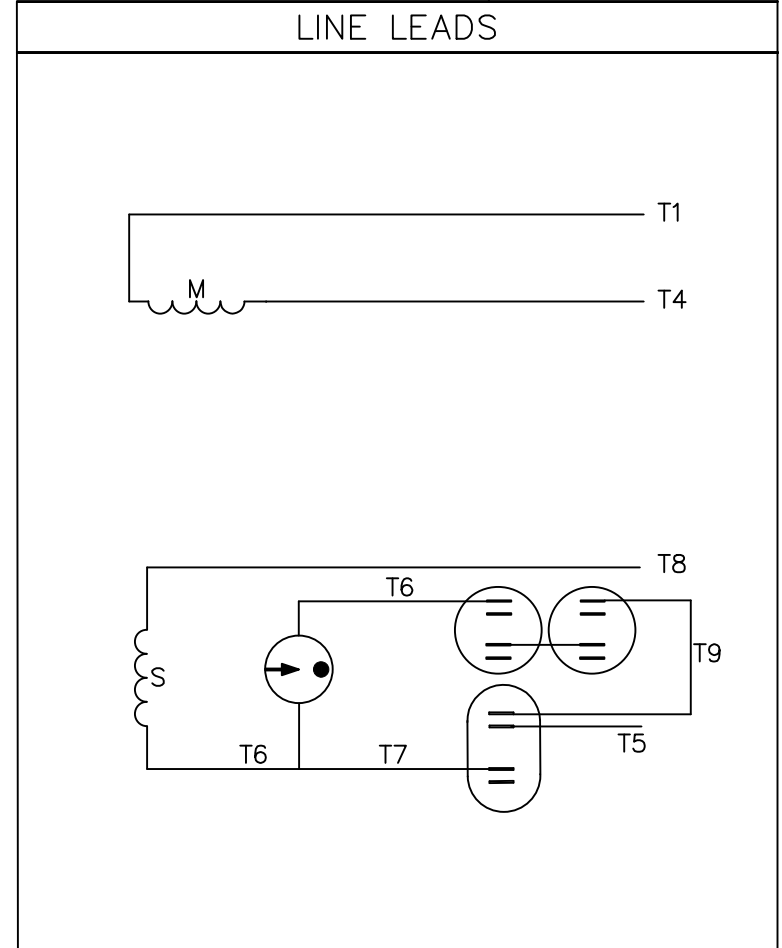
Technical Specifications

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	JM	Overall Length	21.17 in
Frame Length	12.40 in	Shaft Diameter	1.125 in
Shaft Extension	4.5 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	005528.01	Outline Drawing	OL141431-1240


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VIEW FROM OUTSIDE OF MOTOR AT SWITCH END



ROTATION FACING LEAD END	L1	L2
C.C.W.	T1,T8	T4,T5
C.W.	T1,T5	T4,T8

				TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN JWM 04/12/2010
				DEC.	INCHES		CHK
				.X	±.1		APPD
				.XX	±.01		SCALE 1=2
				.XXX	±.005		REF 005077-10
				.XXXX	±.0005	MAT'L. DECAL 004018	FMF
NO.	REVISION	BY & DATE	CHK	ANG	±1/2'	FINISH	PREV
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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
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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 : 141431.00

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

Catalog No : 141431.00

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

CE 22