

PRODUCT INFORMATION PACKET



Model No: 194225.00
Catalog No: 194225.00
3 HP Definite Purpose AC, 3 phase, 1800 RPM, 230/460 V, 100L Frame, TEFC



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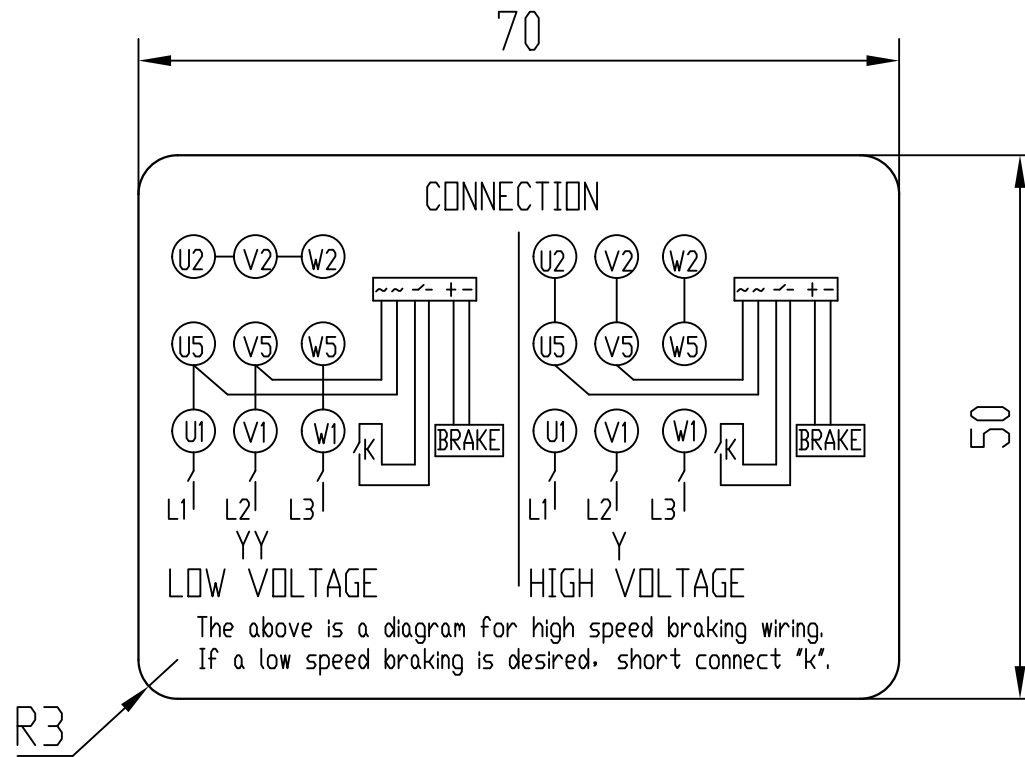
Nameplate Specifications

Output HP	3 Hp	Output KW	2.2 kW
Frequency	60 Hz	Voltage	230/460 V
Current	7.8/3.9 A	Speed	1760 rpm
Service Factor	1.15	Phase	3
Efficiency	89.5 %	Power Factor	80
Duty	Continuous	Insulation Class	F
Design Code	NO DESIGN CODE	KVA Code	L
Frame	100L	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6206	Opp Drive End Bearing Size	6206
UL	Recognized	CSA	Y
CE	Y	IP Code	55
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	0 Ohms	Mounting	B3
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	IEC	Overall Length	18.12 in
Frame Length	7.87 in	Shaft Diameter	1.111 in
Shaft Extension	2.36 in	Assembly/Box Mounting	F3
Outline Drawing	OG10000539	Connection Drawing	8442000575

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NOTES:

1. Characters, marks and lines are black;
CONNECTION, LOW VOLTAGE, HIGH VOLTAGE,
YY, Y size 2.5, other letters size 1.8

DRAWING REVISION	REVISION BY	DATE		DRAWN BY	Wu Shunrui	 Regal Beloit America, Inc.			
ECO	APPROVED BY	DATE		DATE	13/06/2016	DESCRIPTION Connection diagram (LEESON)			
ECO DESCRIPTION				APPROVED BY	Suresh Datal				
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				REFERENCE					
				THIRD ANGLE PROJECTION		SIZE A	DRAWING NUMBER	8442000575	SHEET 1 OF 1

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
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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 : 194225.00

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

Catalog No : 194225.00

Rework No : N/A

Directives :

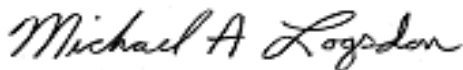
Low Voltage Directive 2014/35/EU

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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