

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 048C34D2024

Catalog No: O010

Fan and Blower Motor, 0.33 HP, 1 Ph, 60 Hz, 115/208-230 V, 3600 RPM, 48NZ Frame, DP



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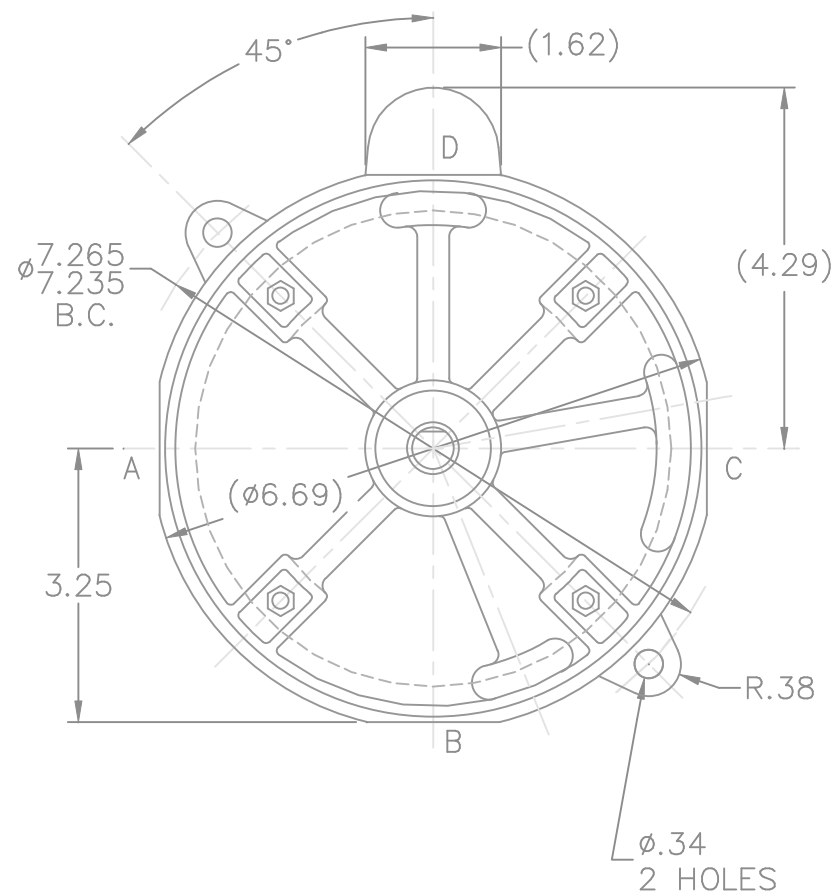
RegalRexnord

Nameplate Specifications

Output HP	0.33 Hp	Output KW	0.25 kW
Frequency	60 Hz	Voltage	115/208-230 V
Current	5.6/2.7-2.8 A	Speed	3450 rpm
Service Factor	1	Phase	1
Efficiency	64 %	Power Factor	65
Duty	Continuous	Insulation Class	B
Design Code	NO DESIGN CODE	KVA Code	L
Frame	48NZ	Enclosure	Drip Proof
Thermal Protection	Manual	Ambient Temperature	40 °C
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	Y	IP Code	12
Number of Speeds	1		

Technical Specifications

Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Selective Counterclockwise
Resistance Main	0 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Single Special Extension	Overall Length	10.34 in
Frame Length	6.75 in	Shaft Diameter	0.500 in
Shaft Extension	1.94 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	A-SS403778-675	Connection Drawing	A-EE9002M



LEAD DESCRIPTION:
2 LEADS, 1 BLACK, AND 1 WHITE,
WITH .50 BARE WIRE STRIP 20.00"
LONG. EXIT LEAD HOLE

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CERTIFICATION DATA SHEET

Model#: 48C34D2024 J
 CONN. DIAGRAM: A-EE9002M
 OUTLINE: A-SS403778-675

WINDING#: CE482197 NONE 3
 ASSEMBLY: F1 ONLY

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1/3	.25	3600	3450	48NZ	DP	L	NO DESIGN CODE

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
1	60	115/208-230	5.6/2.7-2.8	ACROSS THE LINE	CONTINUOUS	B3	1.0	40	3300

FULL LOAD EFF: 64	3/4 LOAD EFF: 57	1/2 LOAD EFF: 48	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 65	3/4 LOAD PF: 58	1/2 LOAD PF: 48	0	CAP START IND RUN	4.4 / 2.2

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
8 LB-FT	28.2 / 14.1	14.3 LB-FT -	23 LB-FT -	30

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

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
N-FLANGE	STANDARD	ROUND	HORIZONTAL	FALSE	NONE	FALSE	NONE	BLACK (POWDER)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE						
BALL	BALL						
6203	6203	MULTEMP SRL	SGL SPL EXT	0.500 x 1.75 IN SEF WITH 1.56 IN FULL FLAT	NONE	1144 STRESSPROOF (C-223)	ROLLED STEEL

THERMO-PROTECTORS				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

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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

DATE: 06/28/2017 06:33:23 AM
 FORM 3531 REV.3 02/07/99
 ** Subject to change without notice.


MARATHON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer

Curve at

230

Volts

 HP 0.33

 PHASE 1

 Model No 48C34D2024
60

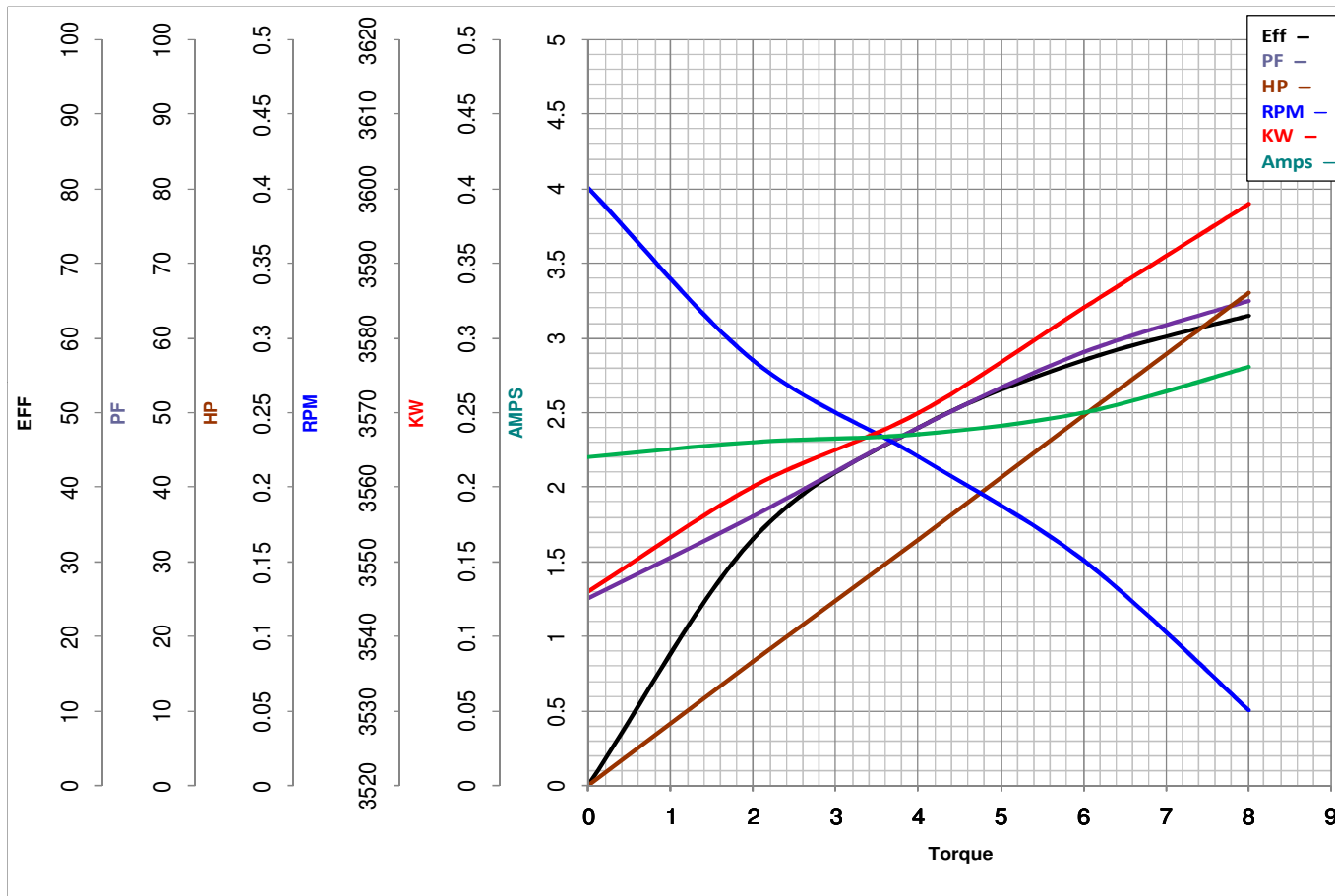
HZ

 VOLTS 115/208-230
0.33

HP

 Catalog No 0010

 HZ 60

 RPM 3450


Torque in Oz.Ft

 FL TORQUE 8 Oz.Ft

 BD TORQUE 23.0 Oz.Ft

 LR TORQUE 14.3 Oz.Ft

 FL AMPS 5.6/2.7-2.8

 PU TORQUE 13.5 Oz.Ft

 LR AMPS 14.1

WINDING CE482197-3

Date 1/7/2019

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 : 048C34D2024

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

Catalog No : O010

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