

PRODUCT INFORMATION PACKET

Model No: 132142.00

Catalog No: 132142.00

..7.5HP..3450RPM.184.DP.208-240/380-415/440-480.3PH.60HZ.CONT.40C.1SF.ROUND.C184T34OC1A.....NOT....
5.6kW...

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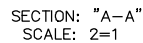
Nameplate Specifications

Output HP	7.50 Hp	Output KW	5.6 kW
Frequency	60 Hz	Voltage	208-240/380-415/440-480 V
Current	20.4-18.4/11.4-10.8/ A	Speed	3450 rpm
Service Factor	1	Phase	3
Efficiency	87.5 %	Power Factor	83
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	H
Frame	184TCVZ	Enclosure	Drip Proof
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6207	Opp Drive End Bearing Size	6207
UL	Recognized	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		


Technical Specifications

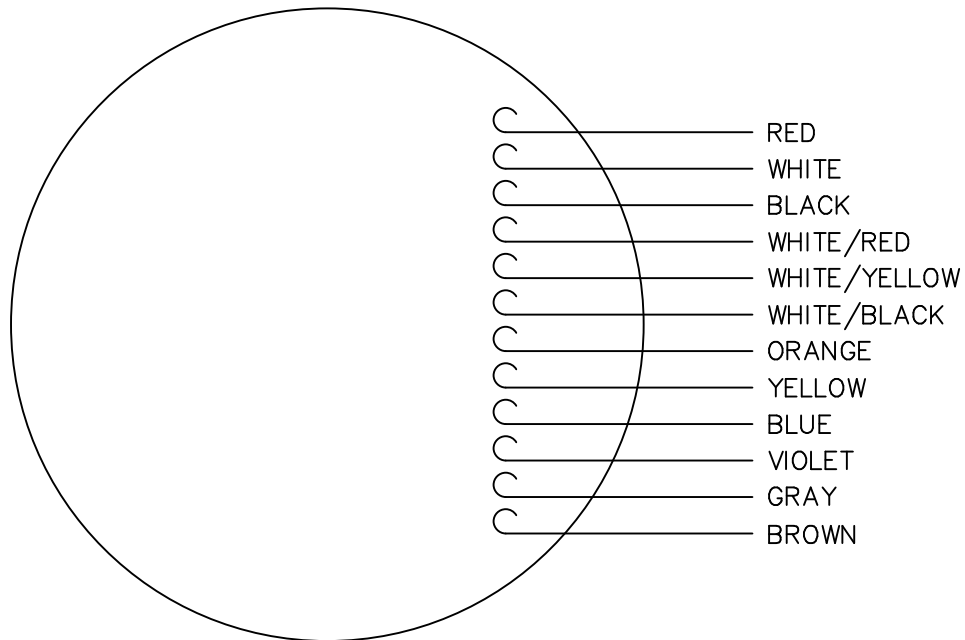
Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	1.38 Ohms	Mounting	Round
Motor Orientation	Shaft Up	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Single Special Extension	Shaft Diameter	1.125 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Connection Drawing	005427.01	Outline Drawing	OL132142

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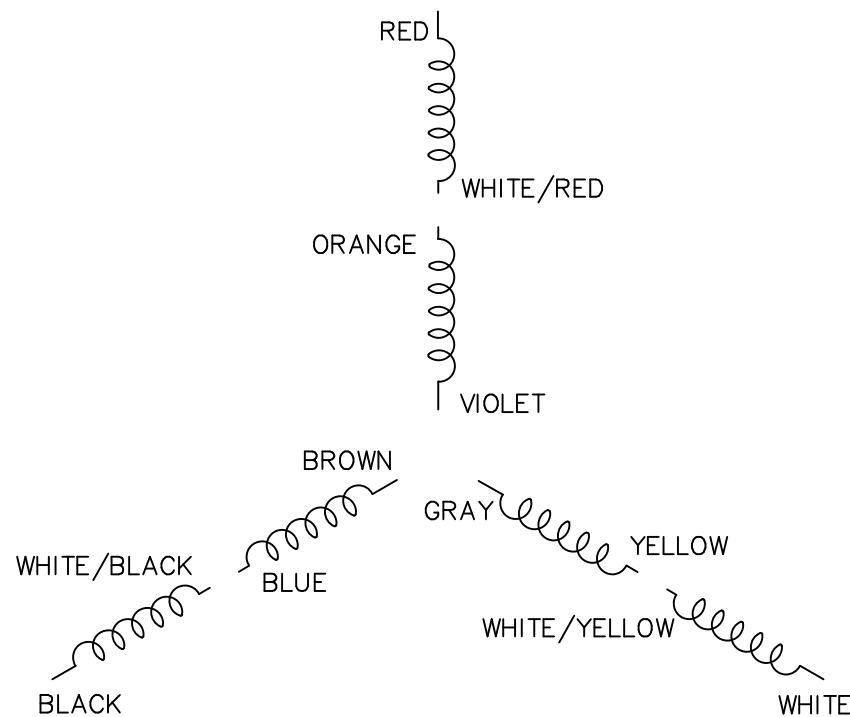
MAXIMUM FACE RUNOUT TO BE .004 T.I.R.
MAXIMUM PILOT ECCENTRICITY TO BE .004 T.I.R.
PERMISSIBLE SHAFT RUNOUT TO BE .0025 T.I.R.

				TOLERANCES UNLESS SPECIFIED			ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN KWN 08/03/2007	
				DEC. INCHES				CHK LST 08/06/2007	
				.X ±.1				APPD	
03	DRAWING UPDATED AS PER ECR-0153310	NK 4/25/2018	.XX ±.03	TITLE				SCALE 3=8	
02	UPDATED PER MT2 CONVERSION ISAAC 10-0590	LST 2/5/10	.XXX ±.005	OUTLINE - 184TCZ FRAME OPEN DRIP PROOF - "C" FACE				REF OL131768	
01	CHANGED SHAFT EXTENSION PER ISAAC 09-0844	LST 3/24/2009	.XXXX ±.0005	MAT'L.				FMF 132142.00	
NO.	REVISION	BY & DATE	CHK ANG ±1/2"	FINISH				PREV OLPFR040206	
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	OL132142	SIZE B	DRAWING NO. OL132142	REV. 03
				DIST	NLV				



VIEW FROM OUTSIDE OF MOTOR AT LEAD END

LINE LEADS



TYPE "T" W/O PROTECTOR
DECAL NO. 080735

VOLTAGE	L1	L2	L3	CONNECT
(2 Δ) LOW	RED, WHITE/BLACK ORANGE, BROWN	WHITE, WHITE/RED YELLOW, VIOLET	BLACK, BLUE, GRAY WHITE/YELLOW	-----
(2Y) MEDIUM	RED, ORANGE	WHITE, YELLOW	BLACK, BLUE	(WHITE/RED WHITE/YELLOW WHITE/BLACK (VIOLET, BROWN, GRAY)
(1 Δ) HIGH	RED, BROWN	WHITE, VIOLET	BLACK, GRAY	(WHITE/RED, ORANGE) (WHITE/YELLOW, YELLOW) (WHITE/BLACK, BLUE)

				TOLERANCES UNLESS OTHERWISE SPECIFIED		LEESON ELECTRIC CORPORATION					
				DECIMALS							
				.00	± .01	DRAWN TMZ 04/30/98	TITLE EXTERNAL WIRING DIAGRAM TRIPLE VOLTAGE				
				.000	± .005	CH'K'D. JJK 05/01/98					
01	ADDED DECAL NO. 080735		JJK	07/02/98	.0000	± .0005	APPR.	MAT'L. 2 DELTA – 2 WYE – 1 DELTA			
NO.	REVISION		BY	DATE	FRACTIONS	± 1/64	SCALE 1=2				
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					ANGLES	± 1/2°	REF.	FINISH		SIZE	DRAWING NO. 005427 PG.1
					INCH/MM		FMF 115452	BEAUDRY		A	

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OFFENDING COMMAND: Pscript_WinN
STACK:

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 : 132142.00

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

Catalog No : 132142.00

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