

PRODUCT INFORMATION PACKET



Model No: 102021.00B
Catalog No: 102021.00B
Instant Reversing Motor, 0.50 HP, 1 Ph, 60 Hz, 115 V, 1800 RPM, S56C Frame, DP



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Nameplate Specifications

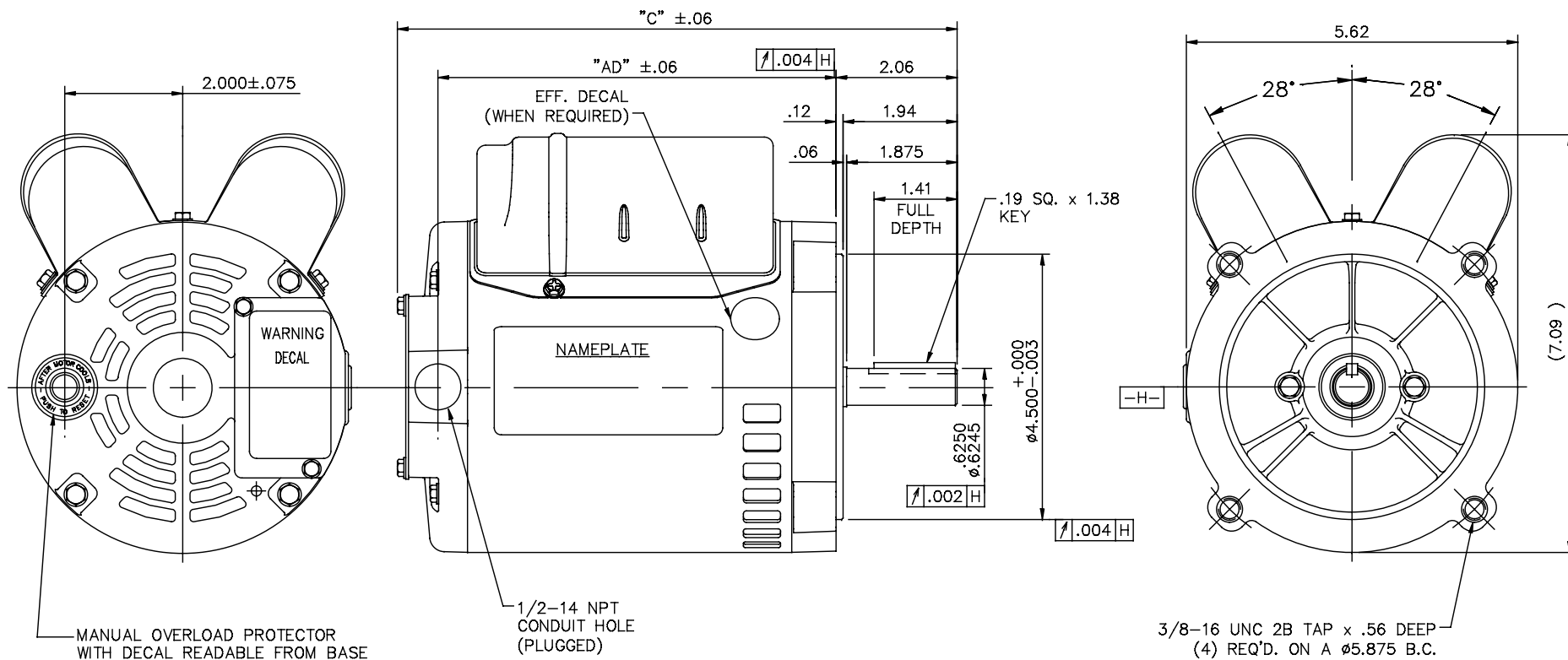
Output HP	0.50 Hp	Output KW	0.37 kW
Frequency	60 Hz	Voltage	115 V
Current	6.0 A	Speed	1625 rpm
Service Factor	1	Phase	1
Efficiency	51 %	Power Factor	99
Duty	Continuous	Insulation Class	F
Design Code	N	KVA Code	B
Frame	S56C	Enclosure	Drip Proof
Thermal Protection	Manual	Ambient Temperature	40 °C
Drive 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	Permanent Split Capacitor	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Resistance Main	1.57 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 56	Assembly/Box Mounting	F1 ONLY
Outline Drawing	031737-650	Connection Drawing	005024.10


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031737

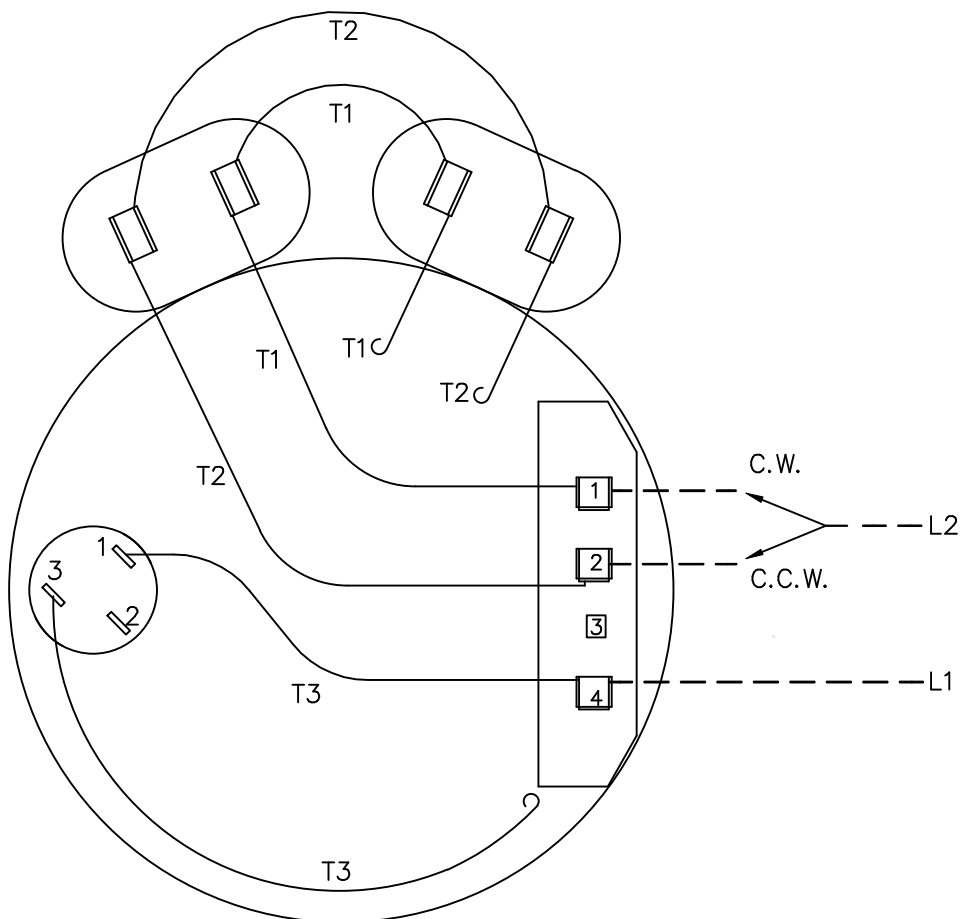


DASH NO.	"C"	"AD"	DASH NO.	"C"	"AD"
525	9.24	6.50	650	10.49	7.75
550	9.49	6.75	675	10.74	8.00
575	9.74	7.00	700	10.99	8.25
600	9.99	7.25	725	11.24	8.50
625	10.24	7.50	775	11.74	9.00

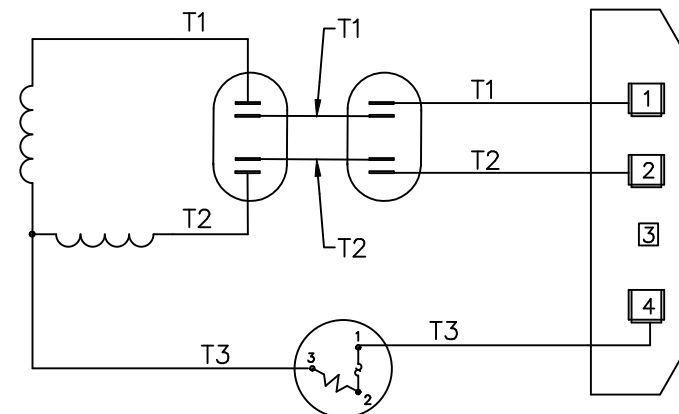
1/2/12

0.25	10.24	7.50	7.75	11.74	9.80			TOLERANCES UNLESS SPECIFIED			ELECTRIC MOTORS		DRAWN	PG 5/23/03
								DEC.	INCHES		GEARMOTORS		CHK	
								.X	±.1		AND DRIVES		APPD	
								.XX	±.03		TITLE		SCALE	1=2
								.XXX	±.005	"C" FACE MOUNT – DRIP PROOF		REF	031155	
A	UPDATED WITH CAP BOX AND DECAL		SL	10/05/15	JD	.XXXX	±.0005	MAT'L.		1 PHASE		FMF	102021.00	
NO.	REVISION		BY & DATE	CHK	ANG	±1/2"		FINISH				PREV		
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		031737	SIZE A	DRAWING NO.		REV A	
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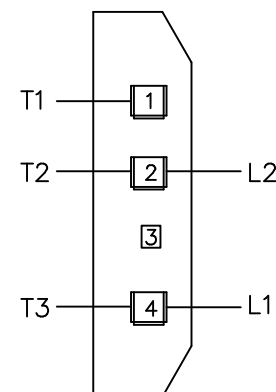
VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



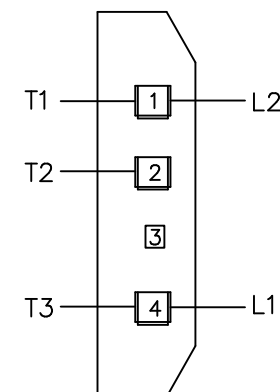
LINE LEADS



C.C.W. L.E.



C.W. L.E.



				TOLERANCES UNLESS OTHERWISE SPECIFIED		LEESON ELECTRIC CORPORATION				
07	CAP. JUMPERS T1 & T2 WERE BLANK PER ENG'R	KMM	08/13/03							
06	ADDED T3 TO TERMINAL BOARD VIEW	KMM	05/29/03	DECIMALS						
05	CWLE TERMINAL HAD TWO L1, TERM. 1 WAS L1,	MDN	11/14/02	.00	± .01	DRAWN PG 09/14/83	TITLE EXTERNAL WIRING DIAGRAM TYPE "P" W/PROTECTOR			
04	T3 JUMPER MOVED TO TOP OF BOARD	KMM	09/06/01	.000	± .005	CH'K'D. DLL 09/16/83				
03	REDRAWN ON CAD	DBT	06/19/97	.0000	± .0005	APPR. JCW 09/19/83	MAT'L. DECAL - 080094 3 LEAD REVERSIBLE			
NO.	REVISION	BY	DATE	FRACTIONS	± 1/64	SCALE 1=1				
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. PG. 6	FINISH FEDERAL		SIZE A	DRAWING NO. 005024-10
				INCH/MM		FMF 4P17DJ7	APD			

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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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 : 102021.00B

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

Catalog No : 102021.00B

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