

PRODUCT INFORMATION PACKET



Model No: 131556.00
Catalog No: 131556.00
Special Voltage Motor, 2 HP, 1 Ph, 50 Hz, 220 V, 1500 RPM, 182T Frame, TEFC



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Nameplate Specifications

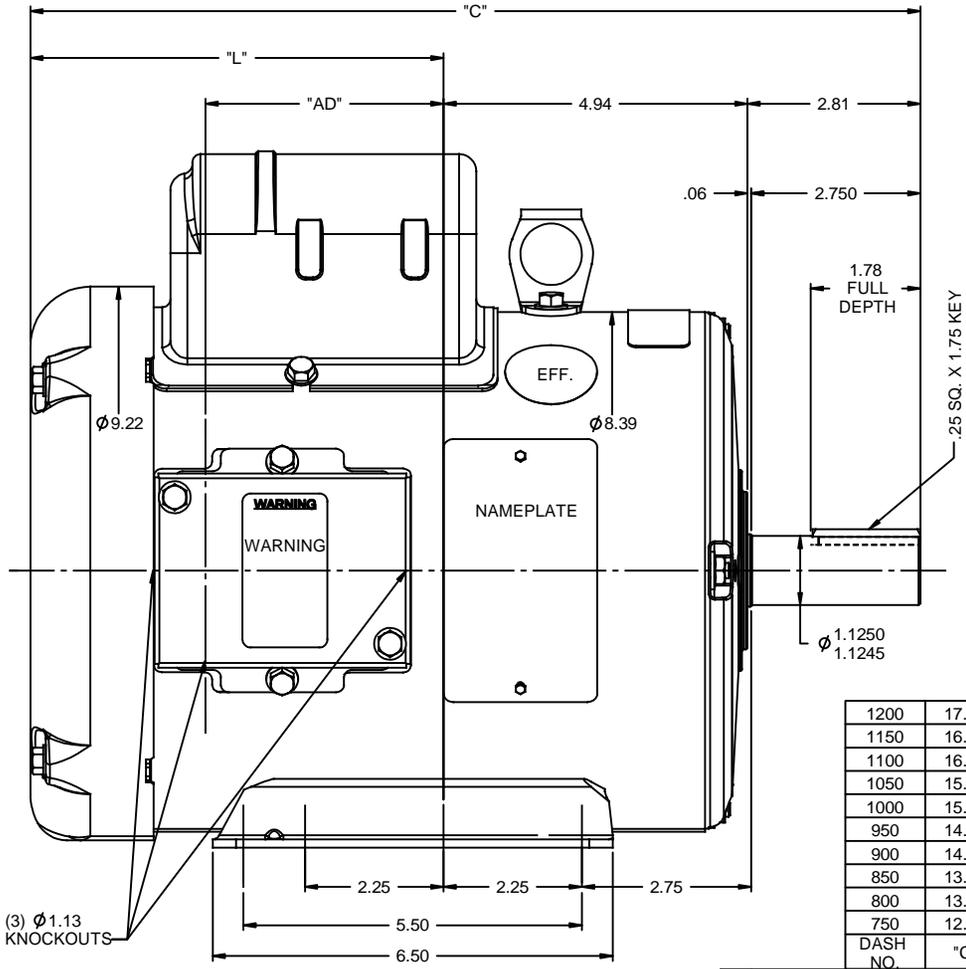
Phase	1	Output HP	2 Hp
Output KW	1.5 kW	Voltage	220 V
Speed	1440 rpm	Service Factor	1.0
Frame	182T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	72 %
Ambient Temperature	40 °C	Frequency	50 Hz
Current	11.2 A	Power Factor	77
Duty	Continuous	Insulation Class	F
Design Code	NO DESIGN CODE	KVA Code	J
Drive End Bearing Size	6206	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	Y	IP Code	44
Number of Speeds	1		

Technical Specifications

Electrical Type	Capacitor Start Induction 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	T	Overall Length	15.46 in
Frame Length	10.50 in	Shaft Diameter	1.125 in
Shaft Extension	2.75 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	005403.01	Outline Drawing	035717-1050

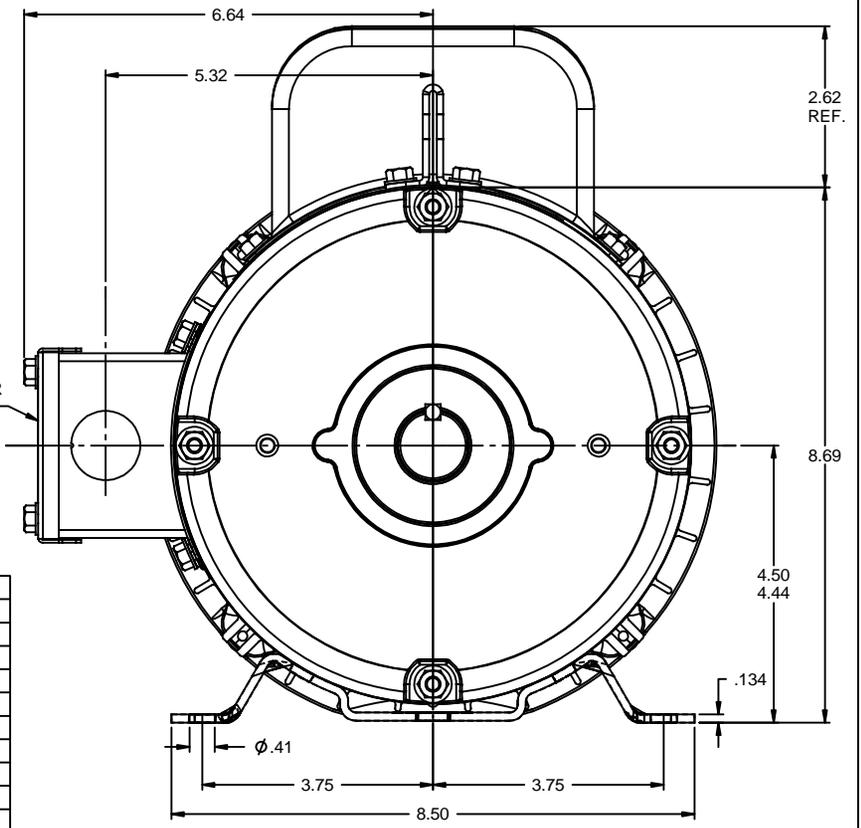
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1200	17.46	9.71	6.50
1150	16.96	9.21	6.00
1100	16.46	8.71	5.50
1050	15.46	8.21	5.00
1000	15.46	7.71	4.50
950	14.96	7.21	4.00
900	14.46	6.71	3.50
850	13.96	6.21	3.00
800	13.46	5.71	2.50
750	12.96	5.21	2.00
DASH NO.	"C"	"L"	"AD"

DECAL-
CONNECTION
UNDER COVER
WHEN REQ'D.

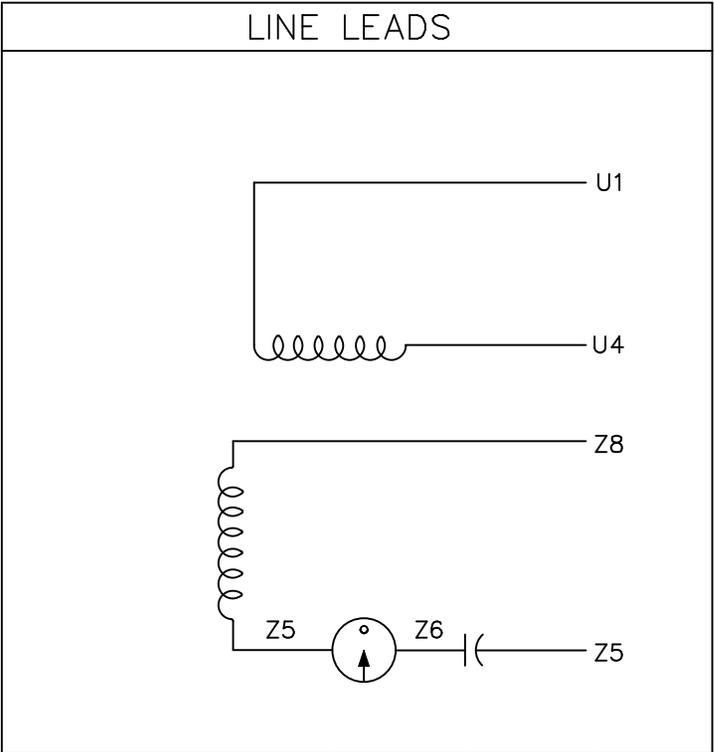
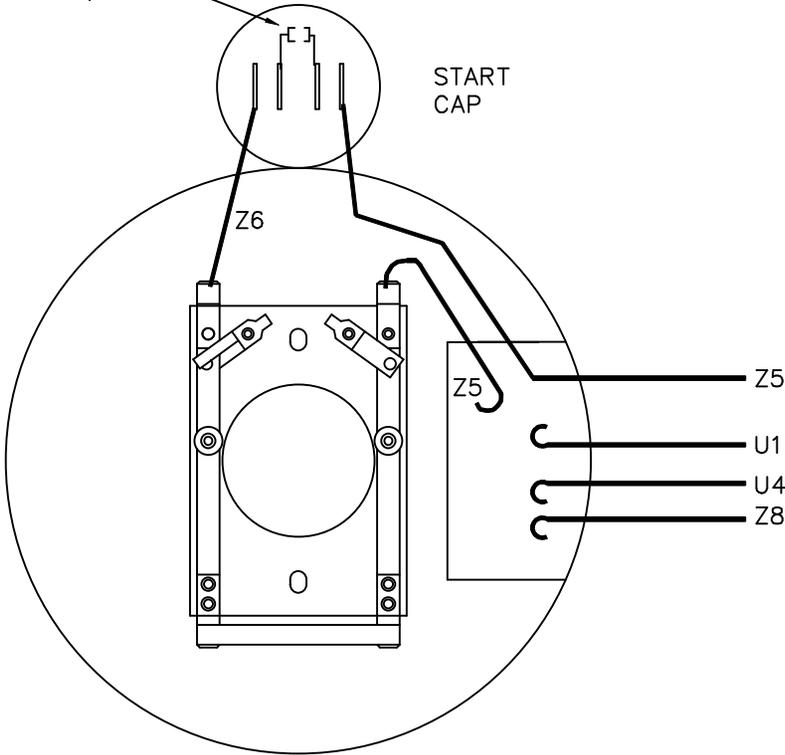


GASKETS THROUGHOUT

NO		REVISION	BY & DATE	CHK	ANG	FINISH	FINISH	SIZE	DRAWING NO	REV
				TOLERANCES UNLESS SPECIFIED		REGAL BELOIT REGAL-BELOIT CORPORATION		DRAWN LST 2/19/09		
				DEC	INCHES	TITLE OUTLINE 180T FRAME		CHK		
				x	±.1	TEFC - RIGID		APPR		
				.xx	±.03	REF		SCALE 1:2		
				.xxx	±.005	FMF		REF		
				.xxx	±.005	PAGE		OF		
				RFP	±1/2"	PREV		B 035717		
				NETWORK FILE NAME						



RESISTOR WHEN REQUIRED



ROTATION FACING LEAD END	L1	L2
C.C.W. ROT.	U1, Z8	U4, Z5
C.W. ROT.	U1, Z5	U4, Z8

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.

TYPE "C" W/O PROT.
REF. DECAL 080670

				TOLERANCES UNLESS OTHERWISE SPECIFIED		LEESON ELECTRIC CORPORATION				
				DECIMALS						
				.00	± .01	DRAWN TMZ 04/14/97	TITLE			EXTERNAL WIRING DIAGRAM
				.000	± .005	CH'K'D.				TYPE "C" W/O PROTECTOR
				.0000	± .0005	APPR.	MAT'L.			
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.	5033-01	FINISH	SIZE	DRAWING NO.
				INCH/MM		FMF	121326	BABSON	A	005403-01



CERTIFICATION DATA SHEET

**1051 CHEYENNE AVE.
GRAFTON, WI 53024
PH. 262-377-8810**

CONN. DIAGRAM: 005403.01

CATALOG #: 131556.00

OUTLINE: 035717-1050

MOUNTING: F1 ONLY

WINDING #: C8412 FR 5 A

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
2	1.49	1500	1440	182T	TEFC	J	NO DESIGN CODE

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
1	50	220	11.2	ACROSS THE LINE	CONTINUOUS	F4	1.0	40

FULL LOAD EFF:	72	3/4 LOAD EFF:	71.7	1/2 LOAD EFF:	67.6	GTD. EFF	ELEC. TYPE
FULL LOAD PF:	77	3/4 LOAD PF:	70.2	1/2 LOAD PF:	59.4	68	CAP START IND RUN

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
7.2 LB-FT	69	21.8 LB-FT 303 %	16.3 LB-FT 226 %	95

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
0 dBA	10 dBA	0.459 LB-FT^2	0.5 LB-FT^2	0 SEC.	0	98 LBS.

***** SUPPLEMENTAL INFORMATION *****

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RIGID	HORIZONTAL	FALSE	NONE	FALSE	NONE	BLUE - LEESON (ENAMEL)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	ODE						
BALL	BALL	POLYREX EM	T	NONE	NONE	AISI 1045 (C-240)	ROLLED STEEL
6206	6205						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

*
N
O
T
E
S

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

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 : 131556.00

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

Catalog No : 131556.00

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