

PRODUCT INFORMATION PACKET



Model No: 113929.00

Catalog No: 113929.00

Special Voltage Motor, 1.50 HP, 1 Ph, 50 Hz, 110/220 V, 1500 RPM, 56H Frame, TEFC



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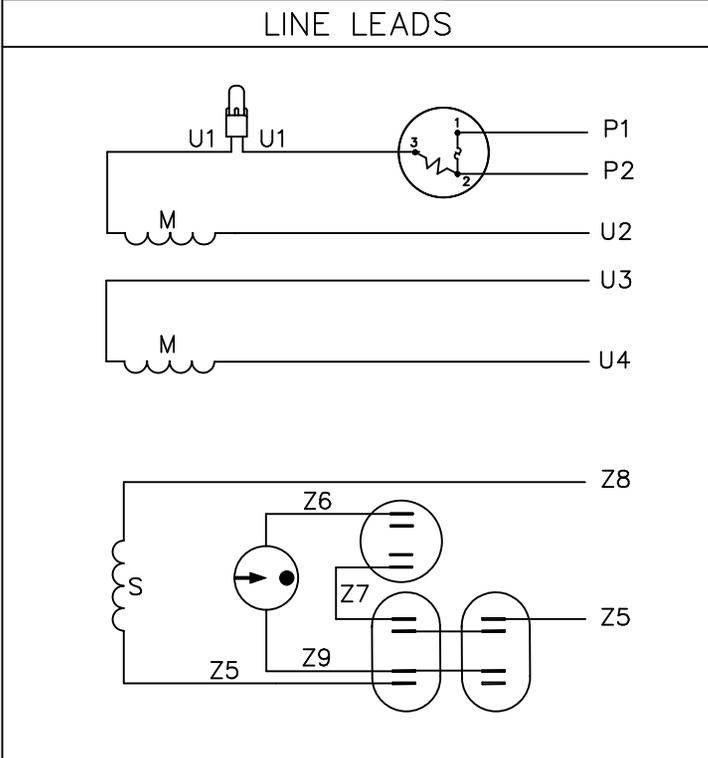
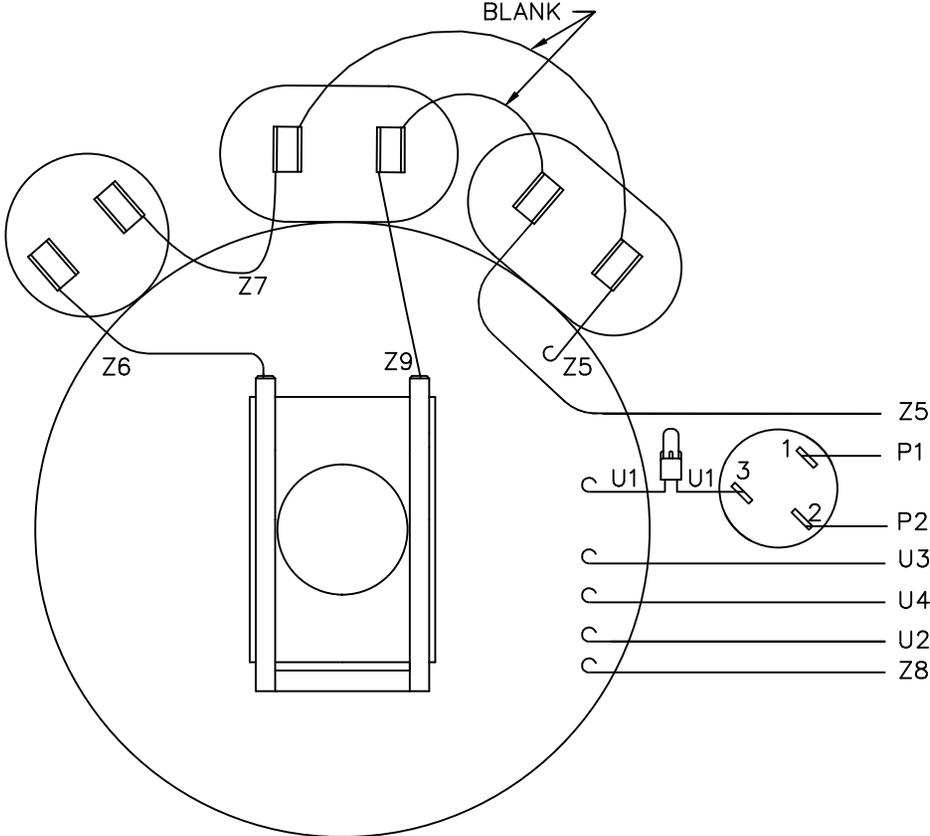
Nameplate Specifications

Phase	1	Output HP	1.50 Hp
Output KW	1.1 kW	Voltage	110/220 V
Speed	1425 rpm	Service Factor	1
Frame	56H	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Manual	Efficiency	76 %
Ambient Temperature	40 °C	Frequency	50 Hz
Current	17.2/8.6 A	Power Factor	78
Duty	Continuous	Insulation Class	F
Design Code	NO DESIGN CODE	KVA Code	J
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized (Not Protector)	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Capacitor Start Capacitor 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	NEMA 56	Overall Length	13.48 in
Frame Length	8.00 in	Shaft Diameter	0.625 in
Shaft Extension	1.88 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	005415.01	Outline Drawing	028878-800

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



	ROTATION FACING LEAD END	L1	L2	JOIN	INSULATE SEPARATELY
HIGH VOLT	C.C.W.	P1	U4 Z5	U2,U3 Z8	P2
	C.W.	P1	U4 Z8	U2,U3 Z5	P2
LOW VOLT	C.C.W.	P1	U2,U4 Z5	P2,U3 Z8	
	C.W.	P1	U2,U4 Z8	P2,U3 Z5	

				TOLERANCES UNLESS OTHERWISE SPECIFIED		LEESON ELECTRIC CORPORATION						
				DECIMALS								
				.00	± .01	DRAWN	KMM 10/29/97			TITLE	EXTERNAL WIRING DIAGRAM	
				.000	± .005	CH'K'D.				TYPE "K" W/PROTECTOR		
				.0000	± .0005	APPR.				MAT'L.	DECAL - 080600	
NO.	REVISION	BY	DATE	FRACTIONS	± 1/64	SCALE	1=1			FINISH	SIZE	DRAWING NO.
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.	005053-12			STOCK	A	005415-01
				INCH/MM		FMF	113929					



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

CERTIFICATION DATA SHEET

CONN. DIAGRAM: 005415.01
OUTLINE: 028878-800
WINDING #: K634281 FR 5 A

CATALOG #: 113929.00
MOUNTING: F1 ONLY

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1 1/2	1.12	1500	1425	56H	TEFC	J	NO DESIGN CODE

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
1	50	110/220	17.2/8.6	ACROSS THE LINE	CONTINUOUS	F4	1.0	40

FULL LOAD EFF:	76	3/4 LOAD EFF:	75	1/2 LOAD EFF:	68.1	GTD. EFF	ELEC. TYPE
FULL LOAD PF:	78	3/4 LOAD PF:	68.9	1/2 LOAD PF:	58.4	72	CAP START CAP RUN

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
5.4 LB-FT	106 / 53	13.8 LB-FT 251 %	12.8 LB-FT 233 %	100

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
0 dBA	10 dBA	0.15 LB-FT^2	0 LB-FT^2	10 SEC.	0	52 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	STANDARD 56	NONE	NONE	1144 STRESSPROOF (C-223)	ROLLED STEEL
6203	6203						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	MANUAL	NONE	NONE	NONE	FALSE	NONE VOLTS

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

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EC Declaration of Conformity

The undersigned representing
the manufacturer:

Regal Beloit America
1946 West Cook Road
Fort Wayne, IN 46818

and the authorized representative
established within the Community:

Regal Beloit Italy
Via Modena, 18
24040 Ciserano(BG) - Italy

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 : 113929.00

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

Catalog No : 113929.00

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:



Zach Stauffer
Vice President, Engineering

Authorized Representative in the Community:



Stefano Casiraghi
Technology Director, Engineering

Created on 07/08/2025

CE 25