

# PRODUCT INFORMATION PACKET



Model No: 113640.00  
Catalog No: 113640.00  
Jet Pump Motor, 1.50 HP, 1 Ph, 60 Hz, 115/230 V, 3600 RPM, 56J Frame, TEFC

**Operational at 115/208-230 V @60HZ**



Regal and Leeson are trademarks of Regal Rexnord Corporation or one of its affiliated companies.  
©2023 Regal Rexnord Corporation, All Rights Reserved. MC017097E





### Nameplate Specifications

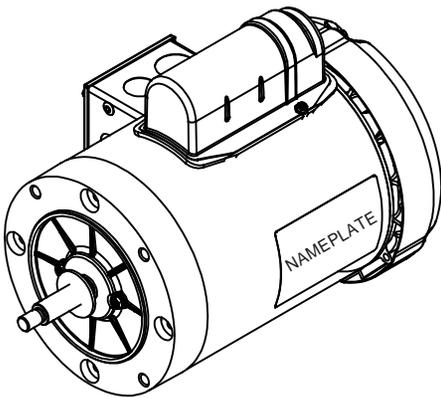
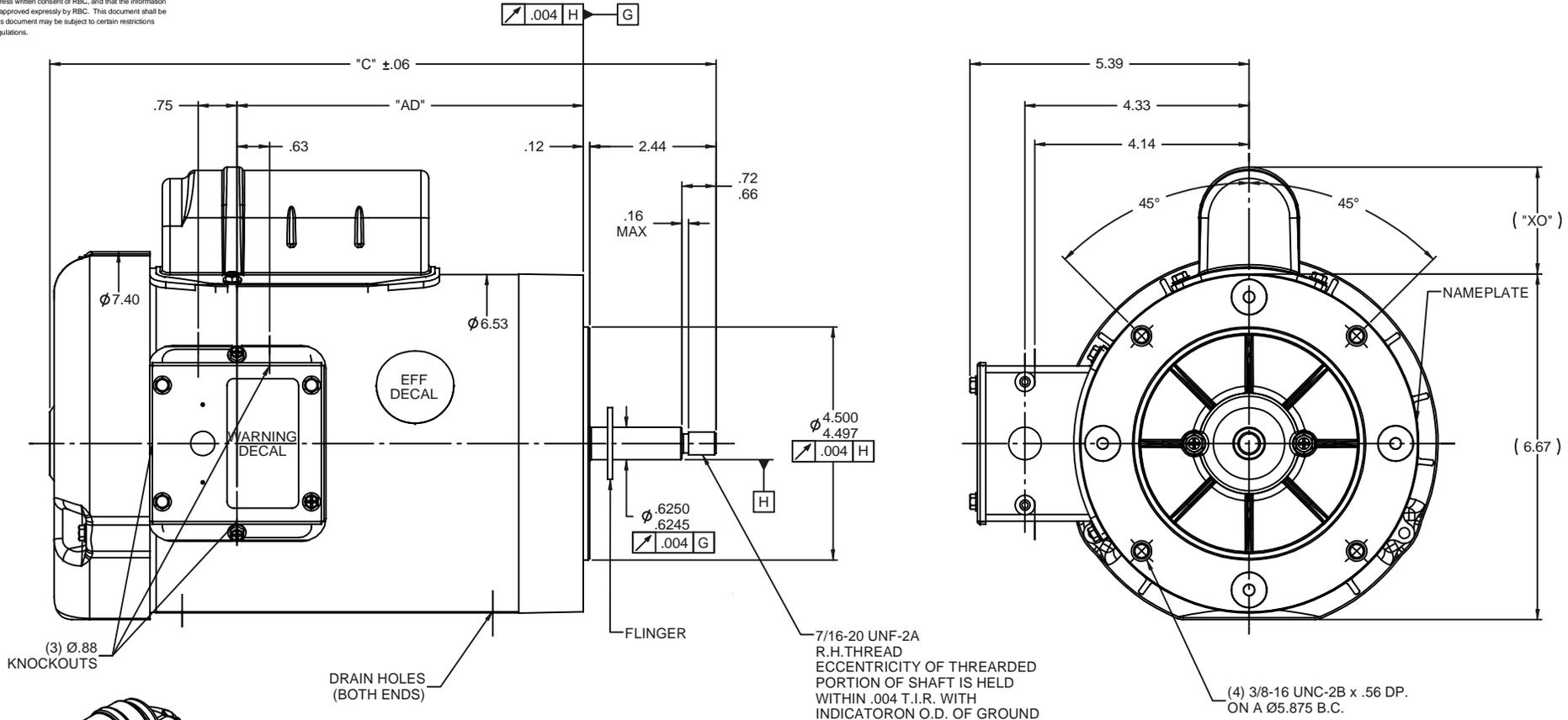
Phase	1	Output HP	1.50 Hp
Output KW	1.1 kW	Voltage	115/230 V
Speed	3450 rpm	Service Factor	1.00
Frame	56J	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Automatic	Efficiency	72 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	17.0/8.5 A	Power Factor	80
Duty	Continuous	Insulation Class	F
Design Code	L	KVA Code	H
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N	IP Code	43
Number of Speeds	1		

### Technical Specifications

Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Fixed Clockwise
Resistance Main	1.32 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	J	Overall Length	12.86 in
Frame Length	7.00 in	Shaft Diameter	0.625 in
Shaft Extension	2.44 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	028927-700B	Connection Drawing	005330.02

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:10/13/2023

RBC PROPRIETARY AND CONFIDENTIAL INFORMATION  
 This document is the property of REGAL BELOIT CORPORATION ("RBC") including its subsidiaries and divisions and contains proprietary information of RBC. This document is loaned on the express condition that neither it nor the information contained therein shall be disclosed to others without the express written consent of RBC, and that the information shall be used by the recipient only as approved expressly by RBC. This document shall be returned to RBC upon its request. This document may be subject to certain restrictions under U.S. export control laws and regulations.



DASH NO.	"C"	"AD"	CAP. DASH	"XO"
600	11.86	5.69		
650	12.36	6.19	A	1.54
700	12.86	6.69	B	2.01
750	13.36	7.19	C	2.25
800	13.86	7.69		

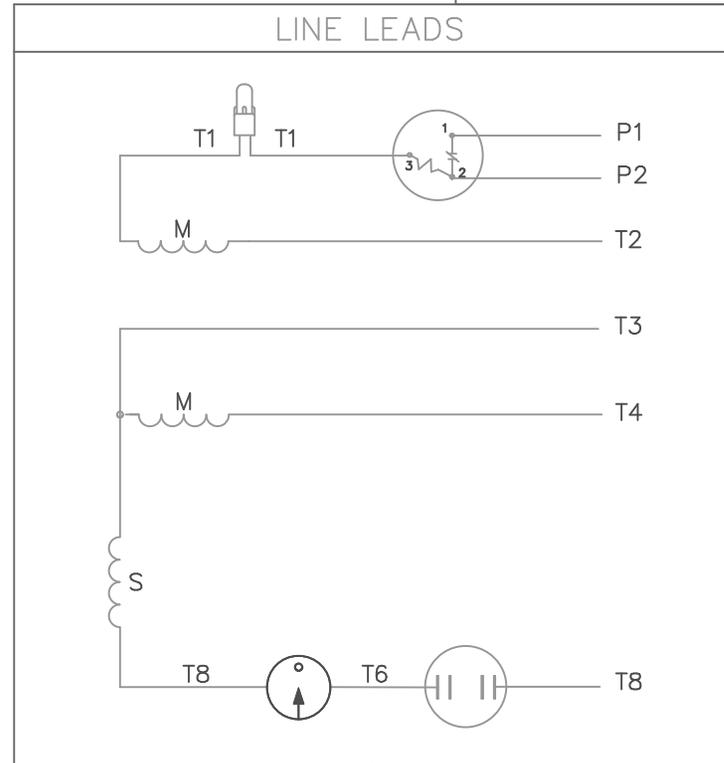
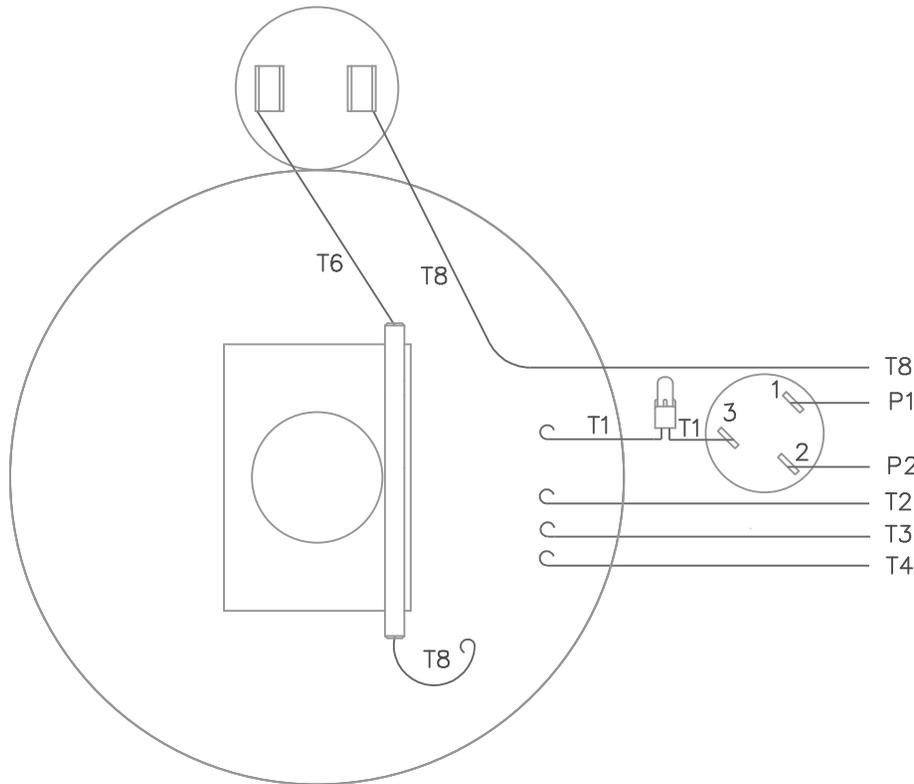
NOTES:  
 1) GASKETS THROUGHOUT

REVISION		BY & DATE	CHK	ANG	±1/2"	FINISH	SIZE	DRAWING NO	REV
THIRD ANGLE PROJECTION			RFP	12/19/08		PREV	B	028927	
TOLERANCES UNLESS SPECIFIED		DEC		INCHES					
x				±.1					
.xx				±.03		TITLE OUTLINE - 56J FRAME			
.xxx				±.005		TEFC - "C" FACE			
.xxx				±.005		MATL JET PUMP			
NO						PAGE OF			
DRAWN		GRB		12/19/08		ELECTRIC MOTORS GEARMOTORS AND DRIVES			
CHK		DJ		12/19/08		SCALE 1:2			
APPR		DJ		12/19/08		REF 028617			
FMF				113640.00		FMF 113640.00			
NETWORK FILE NAME						PAGE OF			



ELECTRIC MOTORS GEARMOTORS AND DRIVES

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



	ROTATION FACING LEAD END	L1	L2	JOIN	INSULATE SEPARATELY
HIGH VOLT	C.W.	P1	T4 T8	T2,T3	P2
LOW VOLT	C.W.	P1	T2,T4 T8	P2,T3	--

				TOLERANCES UNLESS OTHERWISE SPECIFIED	
				DECIMALS	
				.00	± .01
				.000	± .005
2	REDRAWN ON CAD	DBT	06/06/97	.0000	± .0005
NO.	REVISION	BY	DATE	FRACTIONS	± 1/64
				ANGLES	± 1/2°
				INCH/MM	

**LEESON** ELECTRIC CORPORATION

DRAWN EJM 03/04/91 TITLE EXT. WIRING DIAGRAM  
 CH'K'D. SJB 03/08/91 TYPE "C" W/PROTECTOR  
 APPR. RPB 03/08/91 MAT'L. DECAL - 080393 **BRF**  
 SCALE 1=1  
 REF. 005043.01 FINISH  
 FMF 6C34FK49 SIZE A DRAWING NO. 005330-02

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



CERTIFICATION DATA SHEET

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

CONN. DIAGRAM: 005330.02

CATALOG #: 113640.00

OUTLINE: 028927-700B

MOUNTING: F1 ONLY

WINDING #: C632212 FR 5 A

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1 1/2	1.12	3600	3450	56J	TEFC	H	L

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
1	60	115/208-230	17/9-8.5	ACROSS THE LINE	CONTINUOUS	F4	1.0	40

FULL LOAD EFF:	72	3/4 LOAD EFF:	70.7	1/2 LOAD EFF:	66.1	GTD. EFF		ELEC. TYPE	
FULL LOAD PF:	80	3/4 LOAD PF:	73.5	1/2 LOAD PF:	62.7	77		CAP START IND RUN	

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
2.28 LB-FT	92 / 46	5.5 LB-FT 244 %	5.6 LB-FT 249 %	82

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
0 dBA	10 dBA	0.06 LB-FT^2	0 LB-FT^2	0 SEC.	0	33 LBS.

\*\*\* SUPPLEMENTAL INFORMATION \*\*\*

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	STANDARD	ROUND	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	JET PUMP	NONE	NONE	416 STAINLESS (C-503)	ROLLED STEEL
6203	6203						

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

\*  
N  
O  
T  
E  
S

<b>INVERTER TORQUE:</b> NONE
<b>INV. HP SPEED RANGE:</b> NONE
<b>ENCODER:</b> NONE
NONE NONE
NONE NONE PPR
<b>BRAKE:</b> NONE NONE
NONE P/N NONE
NONE NONE
NONE FT-LB NONE V NONE Hz

