

# PRODUCT INFORMATION PACKET



Model No: 113893.00

Catalog No: 113893.00

Jet Pump Motor, 3 & 2 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 3600 & 3000 RPM, 56J Frame, DP



Regal and Leeson are trademarks of Regal Rexnord Corporation or one of its affiliated companies.

©2023 Regal Rexnord Corporation, All Rights Reserved. MC017097E



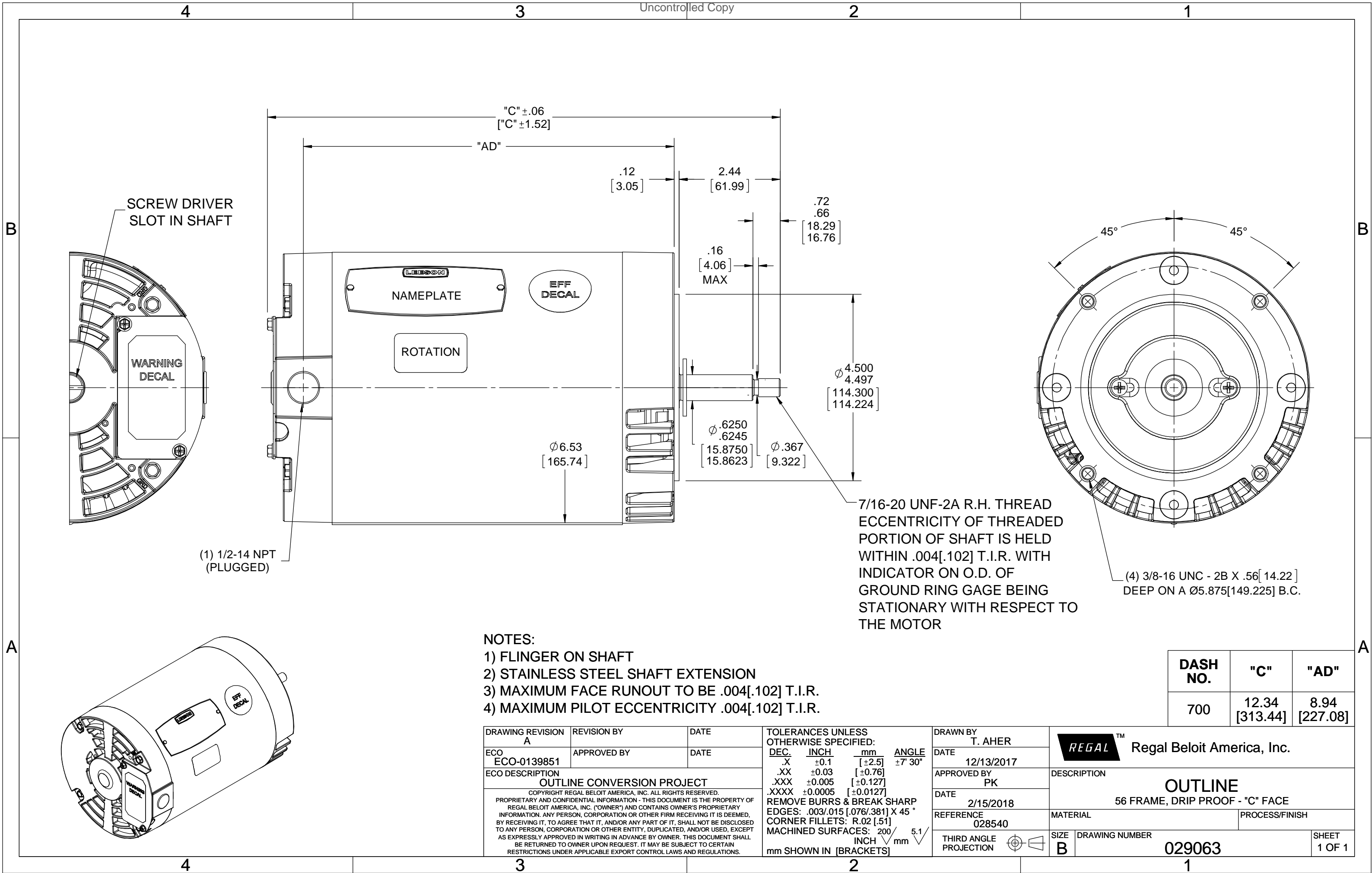


### Nameplate Specifications

Phase	<b>3</b>	Output HP	<b>3 &amp; 2 Hp</b>
Output KW	<b>2.2 &amp; 1.5 kW</b>	Voltage	<b>230/460 &amp; 190/380 V</b>
Speed	<b>3450 &amp; 2850 rpm</b>	Service Factor	<b>1.15 &amp; 1.15</b>
Frame	<b>56J</b>	Enclosure	<b>Drip Proof</b>
Thermal Protection	<b>No Protection</b>	Efficiency	<b>84 &amp; 84 %</b>
Ambient Temperature	<b>40 °C</b>	Frequency	<b>60 &amp; 50 Hz</b>
Current	<b>7.6/3.8 &amp; 7.4/3.7 A</b>	Power Factor	<b>86</b>
Duty	<b>Continuous</b>	Insulation Class	<b>F</b>
Design Code	<b>B</b>	KVA Code	<b>J</b>
Drive End Bearing Size	<b>6203</b>	Opp Drive End Bearing Size	<b>6203</b>
UL	<b>Recognized</b>	CSA	<b>Y</b>
CE	<b>N</b>	IP Code	<b>22</b>
Number of Speeds	<b>1</b>		

### Technical Specifications

Electrical Type	<b>Squirrel Cage Induction Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>2</b>	Rotation	<b>Reversible</b>
Resistance Main	<b>6.2 Ohms</b>	Mounting	<b>Round</b>
Motor Orientation	<b>Horizontal</b>	Drive End Bearing	<b>Ball</b>
Opp Drive End Bearing	<b>Ball</b>	Frame Material	<b>Rolled Steel</b>
Shaft Type	<b>J</b>	Overall Length	<b>12.34 in</b>
Frame Length	<b>7.00 in</b>	Shaft Diameter	<b>0.625 in</b>
Shaft Extension	<b>2.44 in</b>	Assembly/Box Mounting	<b>F1 ONLY</b>
Outline Drawing	<b>029063-700</b>	Connection Drawing	<b>005010.01</b>



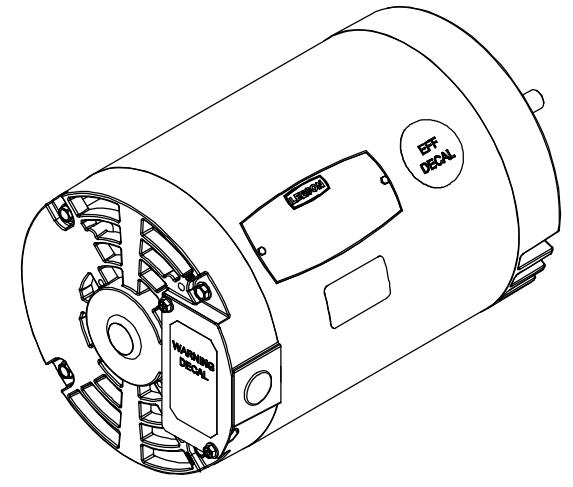
(1) 1/2-14 NPT (PLUGGED)

7/16-20 UNF-2A R.H. THREAD  
ECCENTRICITY OF THREADED  
PORTION OF SHAFT IS HELD  
WITHIN .004[.102] T.I.R. WITH  
INDICATOR ON O.D. OF  
GROUND RING GAGE BEING  
STATIONARY WITH RESPECT TO  
THE MOTOR

(4) 3/8-16 UNC - 2B X .56 [ 14.22 ]  
DEEP ON A Ø5.875 [ 149.225 ] B.C.

- NOTES:**
- 1) FLINGER ON SHAFT
  - 2) STAINLESS STEEL SHAFT EXTENSION
  - 3) MAXIMUM FACE RUNOUT TO BE .004[.102] T.I.R.
  - 4) MAXIMUM PILOT ECCENTRICITY .004[.102] T.I.R.

DASH NO.	"C"	"AD"
700	12.34 [313.44]	8.94 [227.08]



DRAWING REVISION A	REVISION BY	DATE	TOLERANCES UNLESS OTHERWISE SPECIFIED: DEC. INCH mm ANGLE .X ±0.1 [±2.5] ±7° 30" .XX ±0.03 [±0.76] .XXX ±0.005 [±0.127] .XXXX ±0.0005 [±0.0127]	DRAWN BY T. AHER	Regal Beloit America, Inc.
ECO ECO-0139851	APPROVED BY	DATE	REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [ .076/.381 ] X 45° CORNER FILLETS: R.02 [ .51 ] MACHINED SURFACES: 200 INCH/mm 5.1 mm SHOWN IN [BRACKETS]	DATE 12/13/2017	
ECO DESCRIPTION <b>OUTLINE CONVERSION PROJECT</b> COPYRIGHT REGAL BELOIT AMERICA, INC. ALL RIGHTS RESERVED. PROPRIETARY AND CONFIDENTIAL INFORMATION - THIS DOCUMENT IS THE PROPERTY OF REGAL BELOIT AMERICA, INC. (OWNER) AND CONTAINS OWNER'S PROPRIETARY INFORMATION. ANY PERSON, CORPORATION OR OTHER FIRM RECEIVING IT IS DEEMED, BY RECEIVING IT, TO AGREE THAT IT, AND/OR ANY PART OF IT, SHALL NOT BE DISCLOSED TO ANY PERSON, CORPORATION OR OTHER ENTITY, DUPLICATED, AND/OR USED, EXCEPT AS EXPRESSLY APPROVED IN WRITING IN ADVANCE BY OWNER. THIS DOCUMENT SHALL BE RETURNED TO OWNER UPON REQUEST. IT MAY BE SUBJECT TO CERTAIN RESTRICTIONS UNDER APPLICABLE EXPORT CONTROL LAWS AND REGULATIONS.				APPROVED BY PK	
				DATE 2/15/2018	
				REFERENCE 028540	
				THIRD ANGLE PROJECTION	DESCRIPTION <b>OUTLINE</b> 56 FRAME, DRIP PROOF - "C" FACE
				SIZE B	MATERIAL
				DRAWING NUMBER 029063	PROCESS/FINISH
				SHEET 1 OF 1	

005010-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



VOLTAGE	L1	L2	L3	JOIN & INSULATE
HIGH	T1	T2	T3	(T4,T7) (T5,T8) (T6,T9)
LOW	T1,T7	T2,T8	T3,T9	T4,T5,T6

				TOLERANCES UNLESS SPECIFIED		<b>Regal Beloit America, Inc.</b>		DRAWN RDW 04/12/02				
				DEC.	INCHES			CHK				
				.X	±.1			APPD				
				.XX	±.01			SCALE 1=1				
				.XXX	±.005	TITLE		REF FIG.2-51				
A	UPDATED TO REGAL LOGO			SAJ	06/26/15	AJY	.XXXX	±.0005	MAT'L. DECAL - 004014	FMF		
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	04/12/02		CAD FILE	00501001		SIZE	DRAWING NO.	REV.
				DIST	BRF-NLV				A	005010-01		A

Data Sheet

Date: 1/30/2018

113893.00



Data @ 460 V

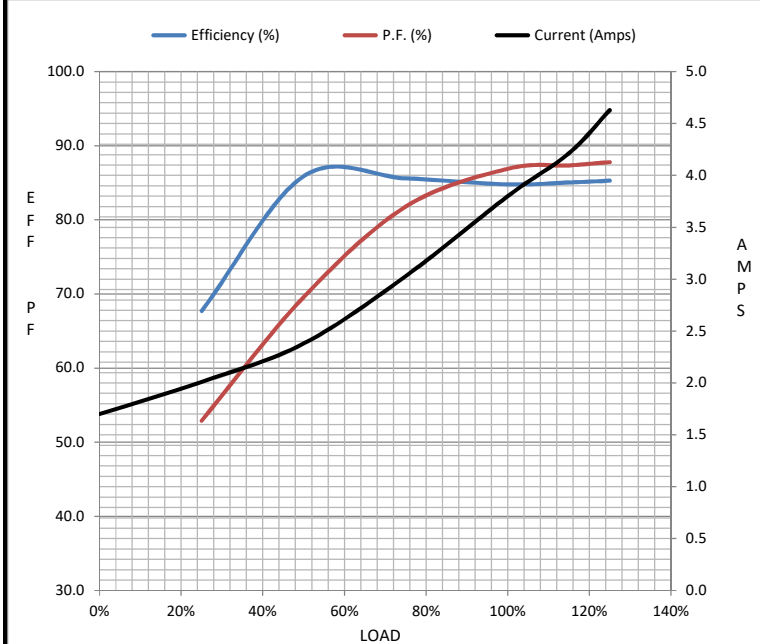
Motor Load Data

Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	1.70	2.01	2.38	3.0	3.8	4.2	4.6	30.0
Torque (ft-lb)	0.00	1.13	2.25	3.4	4.5	5.1	5.6	13.0
RPM	3600	3569	3547	3519	3486	3472	3452	0
Efficiency (%)		67.7	85.9	85.6	84.8	85.1	85.3	
P.F. (%)	11.8	52.9	69.6	81.8	86.9	87.4	87.8	0.0

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	400	2300	3486	3600
Current (Amps)	30.0	27.6	18.0	3.8	1.70
Torque (ft-lb)	13.0	12.7	15.2	4.5	0.00

Information Block				
HP	3.0			
Sync. RPM	3600			
Frame	140			
Enclosure	DP			
Construction	NA			
Voltage	230/460#190/380 V			
Frequency	60 Hz			
Design	B			
LR Code letter	J			
Service Factor	1.15			
Temp Rise @ FL	82 °C			
Duty	CONT			
Ambient	40 °C			
Elevation	1,000 feet			
Rotor/Shaft wk <sup>2</sup>	0.07 Lb-Ft <sup>2</sup>			
Ref Wdg	T632164 DR			
Sound Pressure @ 1M	999 dBA			
VFD Rating	NONE			
Outline Dwg	028540-700			
Conn. Diag	005010.01			
Additional Specifications:				
0				
0				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
0.0000	0.0000	0.0000	0.0000	0.0000



Speed - Torque Curve

