

# **ABB BALDOR RELIANCE III**



## **Customer information packet**

LPL75

.75HP, 3600RPM, 1PH, 60HZ, 3524C, DENTAL LATH

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**Specifications**

<b>Enclosure</b>	TENV
<b>Frame Material</b>	Steel
<b>Frequency</b>	60.00 Hz 60.00 Hz
<b>Motor Letter Type</b>	Oil Capacitor Start and Run
<b>Nameplate Output</b>	.75
<b>Number of Poles</b>	2 2
<b>Output @ Frequency</b>	.750 HP @ 60 HZ
<b>Phase</b>	1 1
<b>Product Style</b>	BUFFER
<b>Speed</b>	3600 rpm 3600 rpm
<b>Synchronous Speed @ Frequency</b>	3600 RPM @ 60 HZ
<b>Voltage</b>	115 V 230 V
<b>Voltage @ Frequency</b>	230.0 V @ 60 HZ 115.0 V @ 60 HZ
<b>Agency Approvals</b>	UR
<b>Ambient Temperature</b>	40 °C
<b>Base Indicator</b>	Rigid
<b>Bearing Grease Type</b>	Polyrex EM (-20F +300F)
<b>Current @ Voltage</b>	2.400 A @ 230.0 V 4.800 A @ 115.0 V
<b>Duty Rating</b>	CONT
<b>Feedback Device</b>	NO FEEDBACK
<b>Insulation Class</b>	B
<b>KVA Code</b>	-
<b>Motor Lead Quantity/Wire Size</b>	4 @ 18 AWG
<b>Motor Standards</b>	Other
<b>Motor Type</b>	3524C

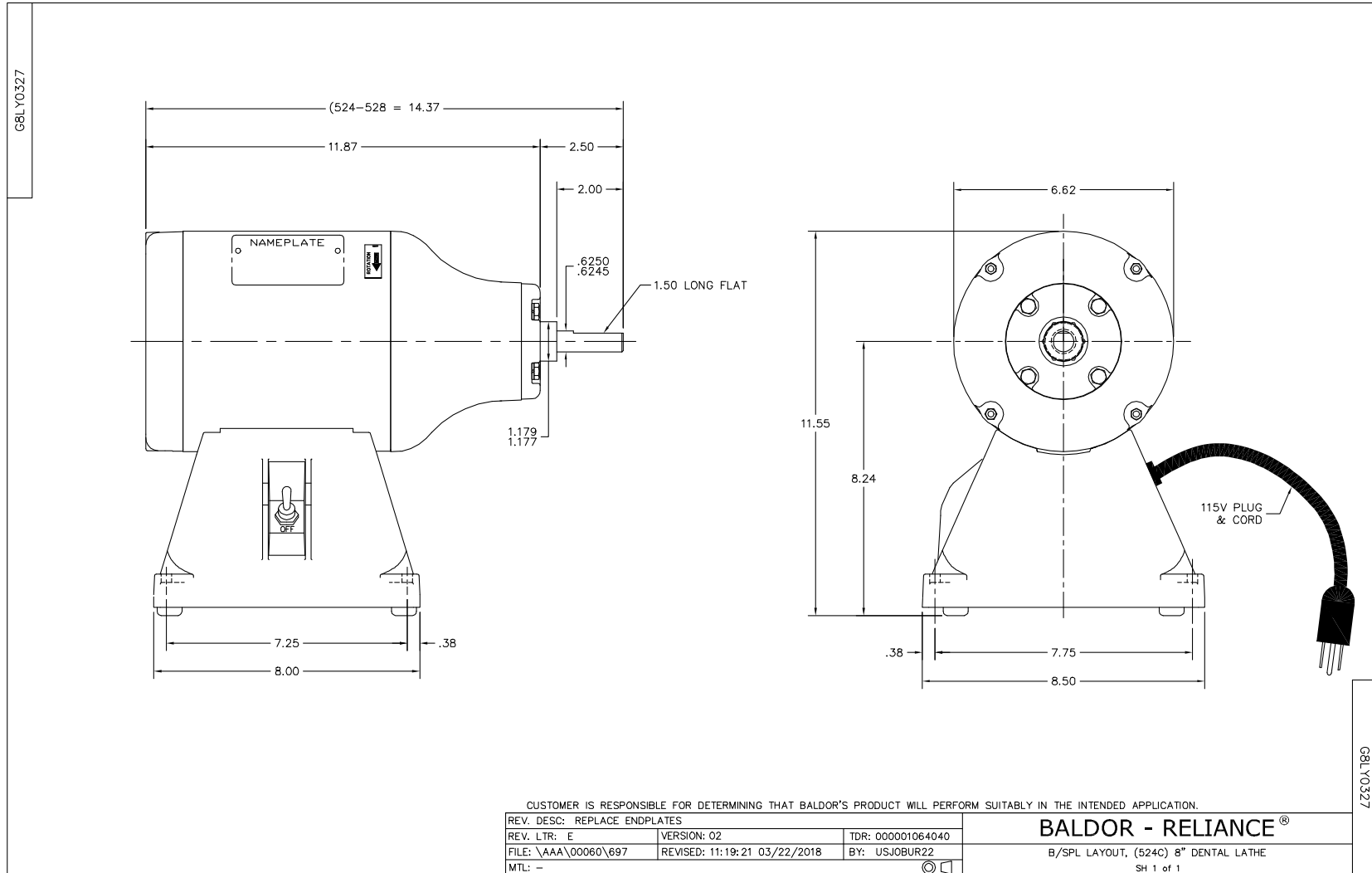
**Part Detail**

<b>Revision</b>	BF
<b>Type</b>	AC
<b>Mech. spec.</b>	G8-327
<b>Base</b>	
<b>Status</b>	PRD/A
<b>Elec. spec.</b>	G8WG0011
<b>Layout</b>	G8LY0327
<b>Eff. date</b>	09-25-2025
<b>CD Diagram</b>	CD0121
<b>Poles</b>	02
<b>Leads</b>	4#18
<b>Proprietary</b>	False
<b>Created date</b>	08-08-2007

<b>Mounting Arrangement</b>	F1
<b>Overall Length</b>	14.37 IN
<b>Product Family</b>	Dental Lathe
<b>Service Factor</b>	1.00
<b>Shaft Extension Location</b>	Pulley End
<b>Shaft Rotation</b>	Fixed Opposite Standard
<b>Shaft Slinger Indicator</b>	No Slinger
<b>Speed Code</b>	Single Speed
<b>Starting Method</b>	Direct on line
<b>Thermal Device - Winding</b>	None

**Nameplate**

<b>NP3352L</b>			
<b>CAT.NO.</b>	LPL75		
<b>HP</b>	.75	<b>VOLTS</b>	115/230
<b>PHASE</b>	1	<b>AMPS</b>	4.8/2.4
<b>HZ</b>	60	<b>RPM</b>	3600
<b>SER.NO</b>			
<b>SPEC.</b>	G8-327-11		
<b>BLANK</b>			



CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.

REV. DESC: REPLACE ENDPLATES	VERSION: 02	TDR: 000001064040
REV. LTR: E	REvised: 11:19:21 03/22/2018	BY: USJOBUR22
FILE: \AAA\00060\697		
MTL: -		

**BALDOR - RELIANCE®**  
B/SPL LAYOUT, (524C) 8" DENTAL LATHE  
SH 1 of 1

CD0121

