ABB BALDOR RELIANCE

Customer information packet

340

.25/.06HP, 3600/1800RPM, 1PH, 60HZ, 3424S

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Specifications

Enclosure	TENV
Frame Material	Steel
Frequency	60.00 Hz
	60.00 Hz
Motor Letter Type	Split Phase
Nameplate Output	.25/.06
Number of Poles	2
	4
	2
	4
Output @ Frequency	.060 HP @ 60 HZ
	.250 HP @ 60 HZ
Phase	1
	1
Product Style	DENTAL LATHE
Speed	1800 rpm
	3600 rpm
	1800 rpm
	3600 rpm
Synchronous Speed @ Frequency	3600 RPM @ 60 HZ
Voltage	115 V
Voltage @ Frequency	115.0 V @ 60 HZ
Agency Approvals	CSA
	UR
Ambient Temperature	40 °C
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Current @ Voltage	2.900 A @ 115.0 V
Duty Rating	CONT
Feedback Device	NO FEEDBACK
Heater Indicator	No Heater
Insulation Class	B

Part Detail

Revision	AX
Type	AC
Mech. spec.	L34-24
Base	
Status	PRD/A
Elec. spec.	L4WGW024
Layout	L4LY0024
Eff. date	02-04-2026
CD Diagram	CD1491
Poles	02/04
Leads	9#18
Proprietary	False
Created date	01-01-0001

KVA Code	V
Motor Lead Quantity/Wire Size	9 @ 18 AWG
Motor Standards	Other
Motor Type	3424S
Mounting Arrangement	F1
Overall Length	13.13 IN
Product Family	Dental Lathe
Service Factor	1.00
Shaft Extension Location	Double Shaft
Shaft Rotation	Fixed Opposite Standard
Shaft Slinger Indicator	No Slinger
Speed Code	1Ph 2 Speed Pole Changing
Starting Method	Direct on line
Thermal Device - Winding	None

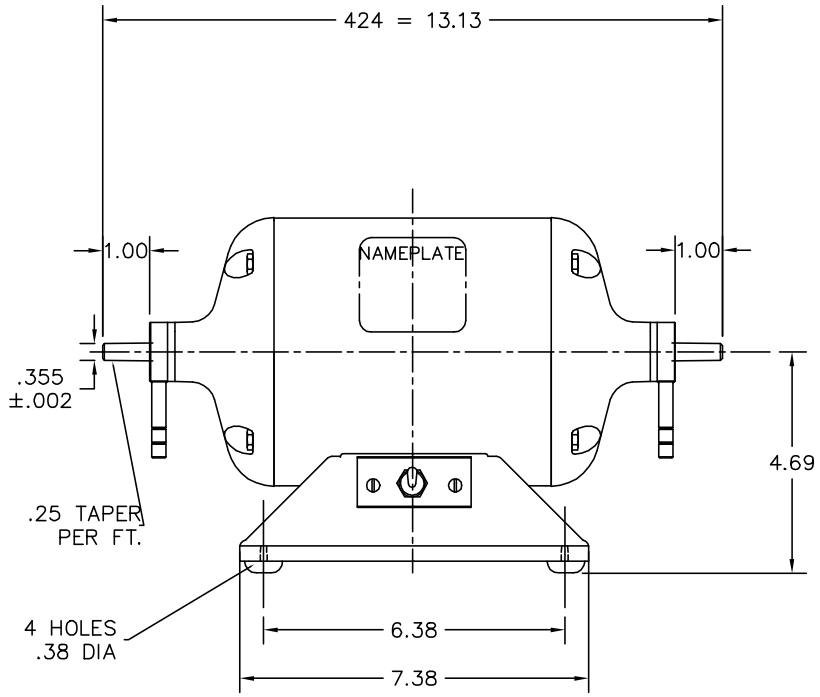
Nameplate

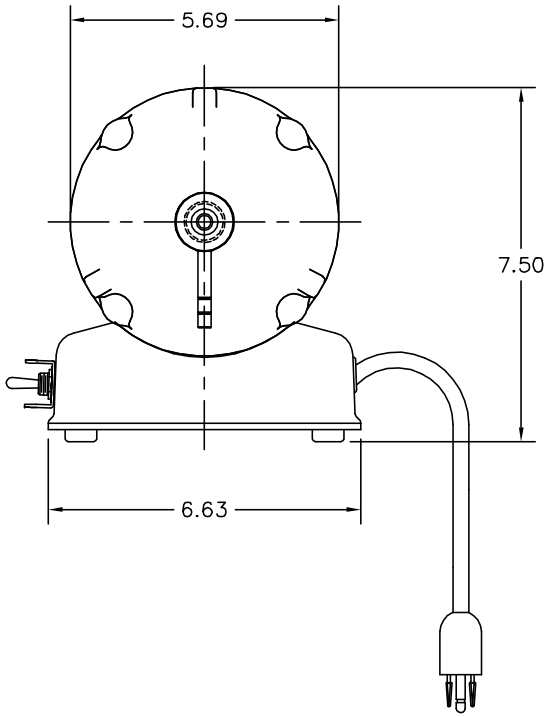
NP3351L			
CAT.NO.	340		
SPEC.	L34-24W24		
HP	.25/.06		
VOLTS	115		
PHASE	1	**AMPS**	2.9/2
CYCLE	60		
RPM	3600/1800		
CL	B		
RATING	40C AMB-CONT		
SERIAL			

Accessories

Part number	Description	Multiplier
R1	DR-3544 R1 RH CHUCK	A8
R2	DR-3546B R2 RH WHEEL CHUCK	A8
R5A	BURR CHUCK-RH	A8
R6	ARBOR BAND CHUCK	A8
L3	DR-3545 LH HD WHEEL CHUCK	A8
L4	DR-3547B L4 LH SF WHEEL CHUCK	A8

L4LY0024





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

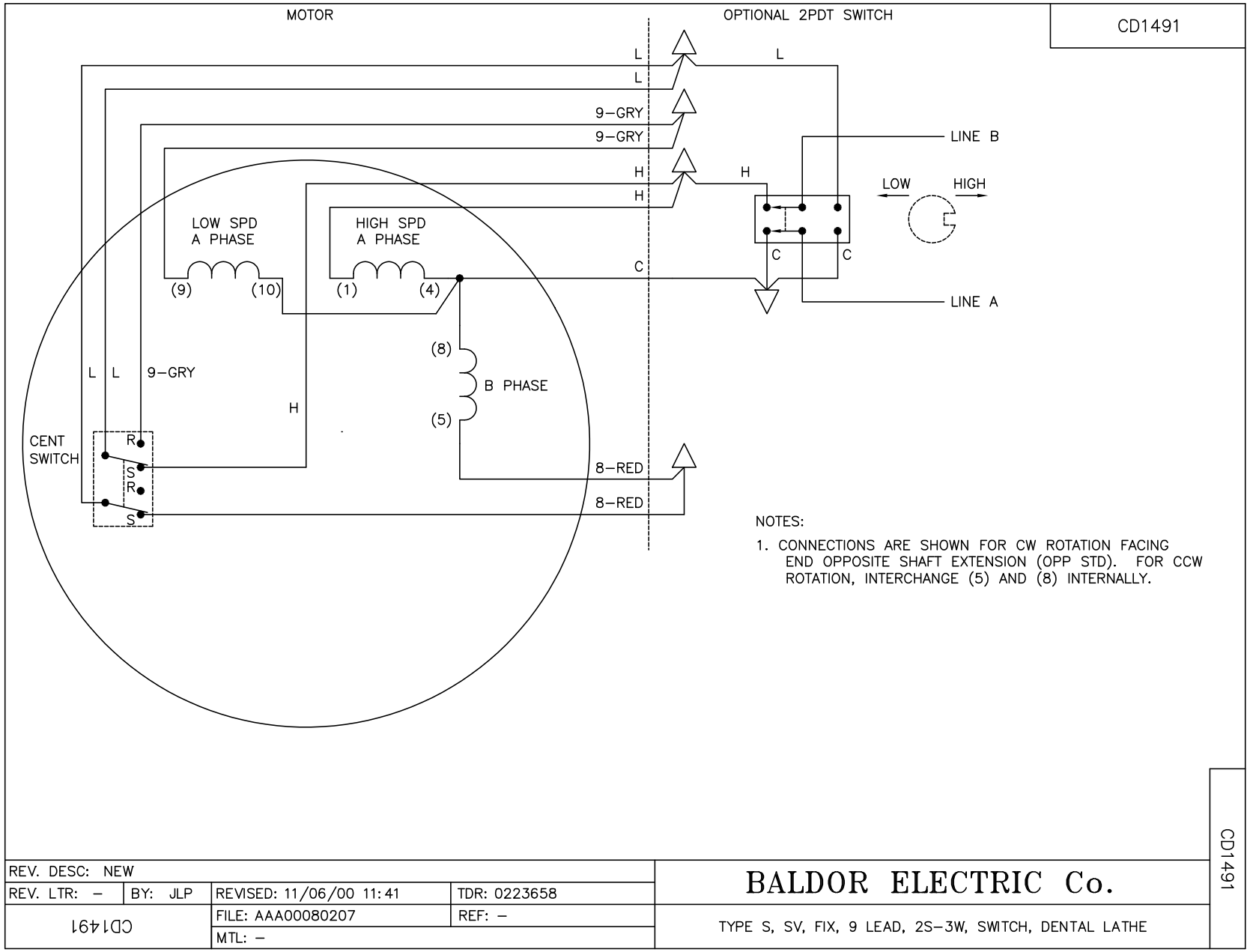
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REV. LTR: F	VERSION: 01	TDR: 000000826174
FILE: \AAA\00045\972	REVISED: 09:28:43 11/14/2013	BY: ENMAIYO
MTL: –		

BALDOR

SPL 34 POLISHING LATHE 115 VOLTS TENV 424S 2 SPEED

SH 1 of 1

L4LY0024


MOTOR
OPTIONAL 2PDT SWITCH
CD1491
L
L
9–GRY
9–GRY
H
H
LOW SPD
A PHASE
HIGH SPD
A PHASE
(9)
(10)
(1)
(4)
C
L
LINE B
H
LOW
HIGH
C
C
LINE A
(8)
B PHASE
(5)
L L 9–GRY
H
CENT
SWITCH
R
S
R
S
8–RED
8–RED
NOTES:
1. CONNECTIONS ARE SHOWN FOR CW ROTATION FACING END OPPOSITE SHAFT EXTENSION (OPP STD). FOR CCW ROTATION, INTERCHANGE (5) AND (8) INTERNALLY.
CD1491
REV. DESC: NEW
REV. LTR: – BY: JLP
REVISED: 11/06/00 11:41
TDR: 0223658
FILE: AAA00080207
REF: –
MTL: –
CD1491
BALDOR ELECTRIC Co.
TYPE S, SV, FIX, 9 LEAD, 2S–3W, SWITCH, DENTAL LATHE