ABB BALDOR RELIANCE

Customer information packet

359T

.5HP, 3450RPM, 1PH, 60HZ, 3520S, LATH

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Specifications

Enclosure	TENV
Frame Material	Steel
Frequency	60.00 Hz
	60.00 Hz
Motor Letter Type	Split Phase
Nameplate Output	.5
Number of Poles	2
	2
Output @ Frequency	.500 HP @ 60 HZ
Phase	1
	1
Product Style	DENTAL LATHE
Speed	3450 rpm
	3450 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	4.700 A @ 115.0 V
Duty Rating	CONT
Feedback Device	NO FEEDBACK
Insulation Class	B
KVA Code	-
Motor Lead Quantity/Wire Size	2 @ 18 AWG
Motor Standards	Other
Motor Type	3520S
Mounting Arrangement	F1
Overall Length	14.31 IN

Part Detail

Revision	BB
Type	AC
Mech. spec.	L35-166
Base	
Status	PRD/A
Elec. spec.	L5WG0158
Layout	L5LY0166
Eff. date	02-05-2026
CD Diagram	CD0348
Poles	02
Leads	2#18
Proprietary	False
Created date	08-08-2007

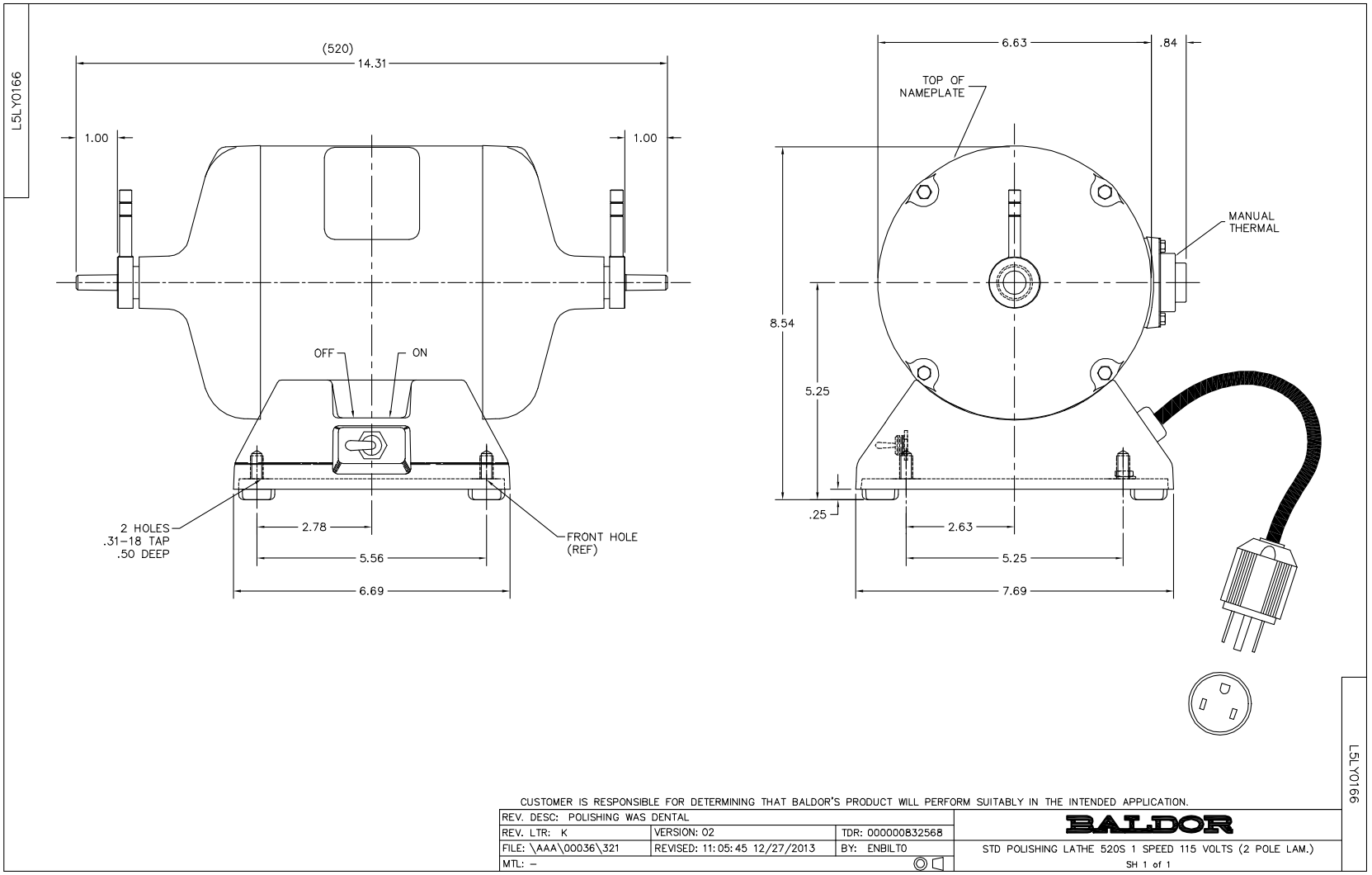
Product Family	Dental Lathe
Service Factor	1.00
Shaft Extension Location	Pulley End
Shaft Rotation	Fixed Opposite Standard
Shaft Slinger Indicator	No Slinger
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Winding	Do Not Use
Winding Thermal 1 Location	SB

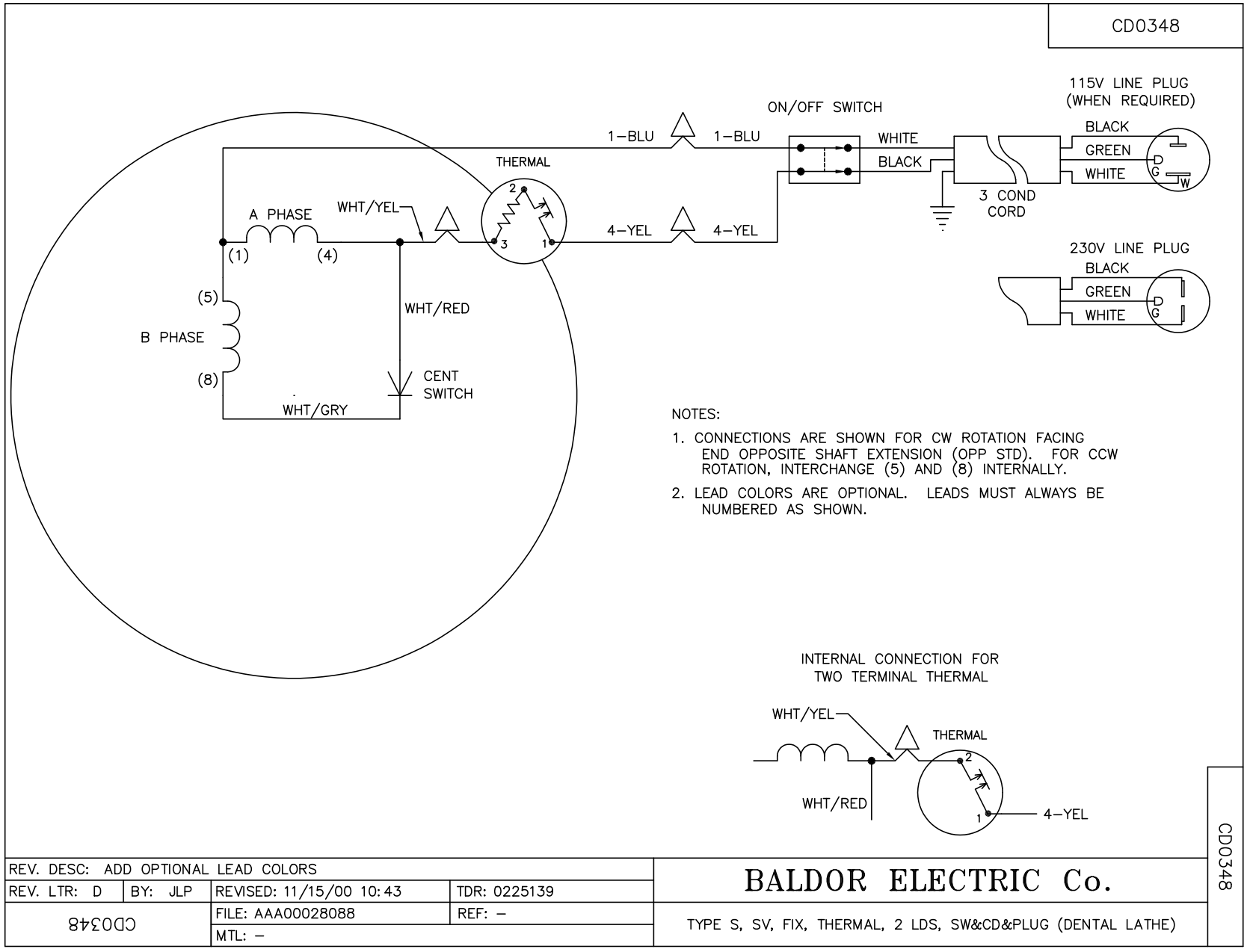
Nameplate

NP3356L			
CAT.NO.	359T		
SPEC.	L35-166-158		
HP	.5		
VOLTS	115		
PHASE	1	**AMPS**	4.7
CYCLE	60		
RPM	3450		
CL	F		
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


L5LY0166
(520)
14.31
1.00
1.00
OFF
ON
2 HOLES
.31-18 TAP
.50 DEEP
2.78
5.56
6.69
FRONT HOLE
(REF)
6.63
.84
TOP OF
NAMEPLATE
MANUAL
THERMAL
8.54
5.25
.25
2.63
5.25
7.69
L5LY0166
CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.
REV. DESC: POLISHING WAS DENTAL
REV. LTR: K
VERSION: 02
TDR: 000000832568
FILE: \AAA\00036\321
REVISED: 11:05:45 12/27/2013
BY: ENBILTO
MTL: –
BALDOR
STD POLISHING LATHE 520S 1 SPEED 115 VOLTS (2 POLE LAM.)
SH 1 of 1


CD0348
115V LINE PLUG
(WHEN REQUIRED)
ON/OFF SWITCH
1–BLU
1–BLU
WHITE
BLACK
THERMAL
BLACK
GREEN
WHITE
3 COND
CORD
A PHASE
WHT/YEL
4–YEL
4–YEL
(1)
(4)
(5)
B PHASE
(8)
WHT/RED
CENT
SWITCH
WHT/GRY
230V LINE PLUG
BLACK
GREEN
WHITE
NOTES:
1. CONNECTIONS ARE SHOWN FOR CW ROTATION FACING END OPPOSITE SHAFT EXTENSION (OPP STD). FOR CCW ROTATION, INTERCHANGE (5) AND (8) INTERNALLY.
2. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.
INTERNAL CONNECTION FOR
TWO TERMINAL THERMAL
WHT/YEL
THERMAL
WHT/RED
4–YEL
REV. DESC: ADD OPTIONAL LEAD COLORS
REV. LTR: D
BY: JLP
REVISED: 11/15/00 10:43
TDR: 0225139
FILE: AAA00028088
REF: –
MTL: –
CD0348
BALDOR ELECTRIC Co.
TYPE S, SV, FIX, THERMAL, 2 LDS, SW&CD&PLUG (DENTAL LATHE)
CD0348