ABB BALDOR RELIANCE

Customer information packet

353T

.25/.06HP, 3450/1725RPM, 1PH, 60HZ, 3520Q

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11/19/2026 6:00:46 AM

Specifications

Enclosure	TENV
Frame Material	Steel
Frequency	60.00 Hz
	60.00 Hz
Nameplate Output	.25/.06
Number of Poles	2
	4
	2
	4
Output @ Frequency	.250 HP @ 60 HZ
	.060 HP @ 60 HZ
Phase	1
	1
Product Style	DENTAL LATHE
Speed	1725 rpm
	3450 rpm
	1725 rpm
	3450 rpm
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage	115 V
Voltage @ Frequency	115.0 V @ 60 HZ
Agency Approvals	UR
	CSA
Ambient Temperature	40 °C
Base Indicator	Rigid
Current @ Voltage	3.000 A @ 115.0 V
Duty Rating	CONT
Insulation Class	B
KVA Code	-
Motor Lead Quantity/Wire Size	4 @ 18 AWG
Motor Standards	Other
Motor Type	3520Q

Part Detail

Revision	BA
Type	AC
Mech. spec.	L35-150
Base	
Status	PRD/A
Elec. spec.	L5WG0156
Layout	L5LY0150
Eff. date	02-05-2026
CD Diagram	CD0364
Poles	02/04
Leads	4#18
Proprietary	False
Created date	01-01-0001

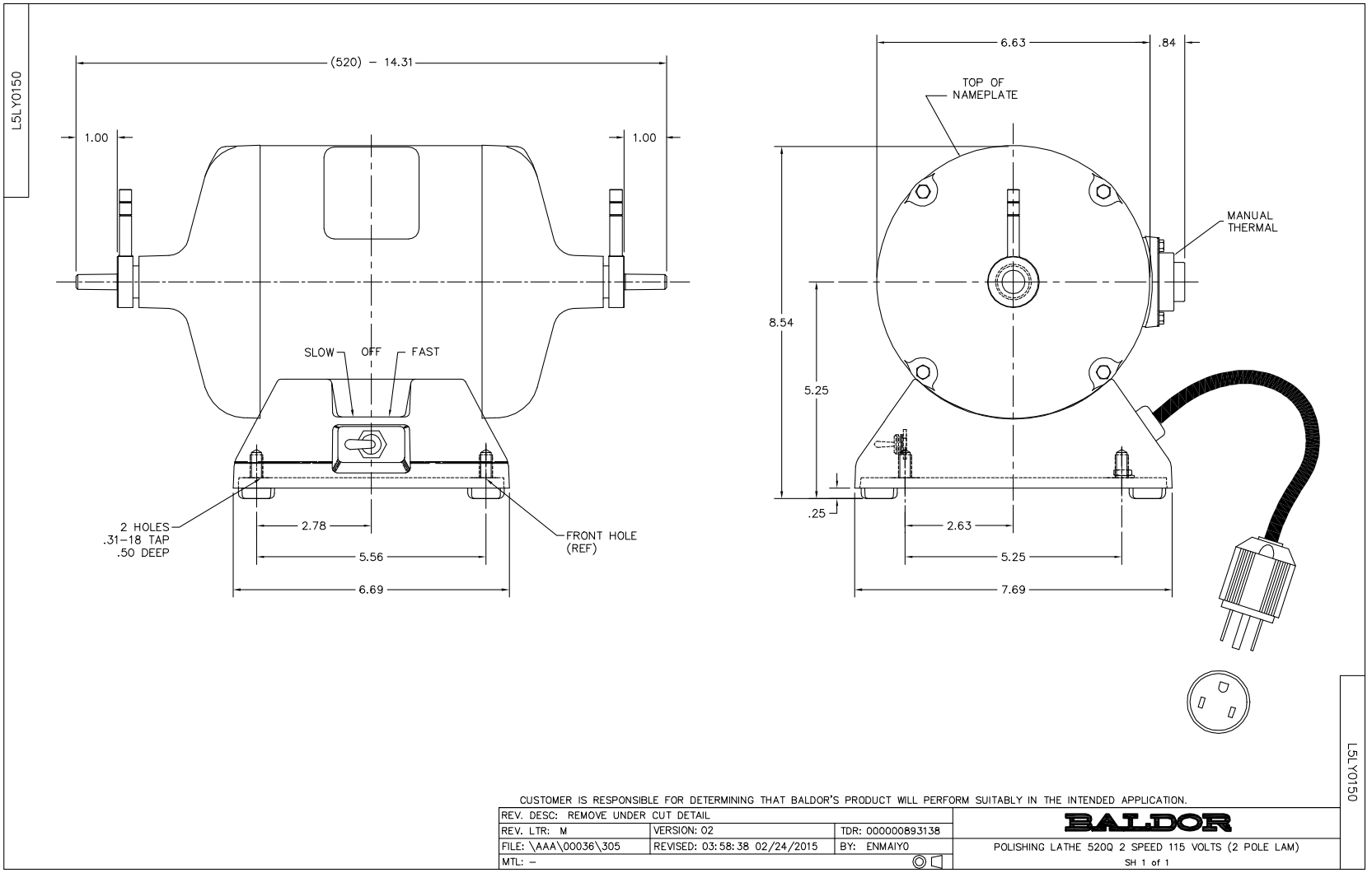
Mounting Arrangement	F1
Product Family	Dental Lathe
RoHS Status	ROHS COMPLIANT
Service Factor	1.00
Shaft Extension Location	Pulley End
Shaft Rotation	Fixed Opposite Standard
Speed Code	1Ph 2 Speed Pole Changing
Starting Method	Direct on line
Thermal Device - Winding	None
Winding Thermal 1 Location	SB

Nameplate

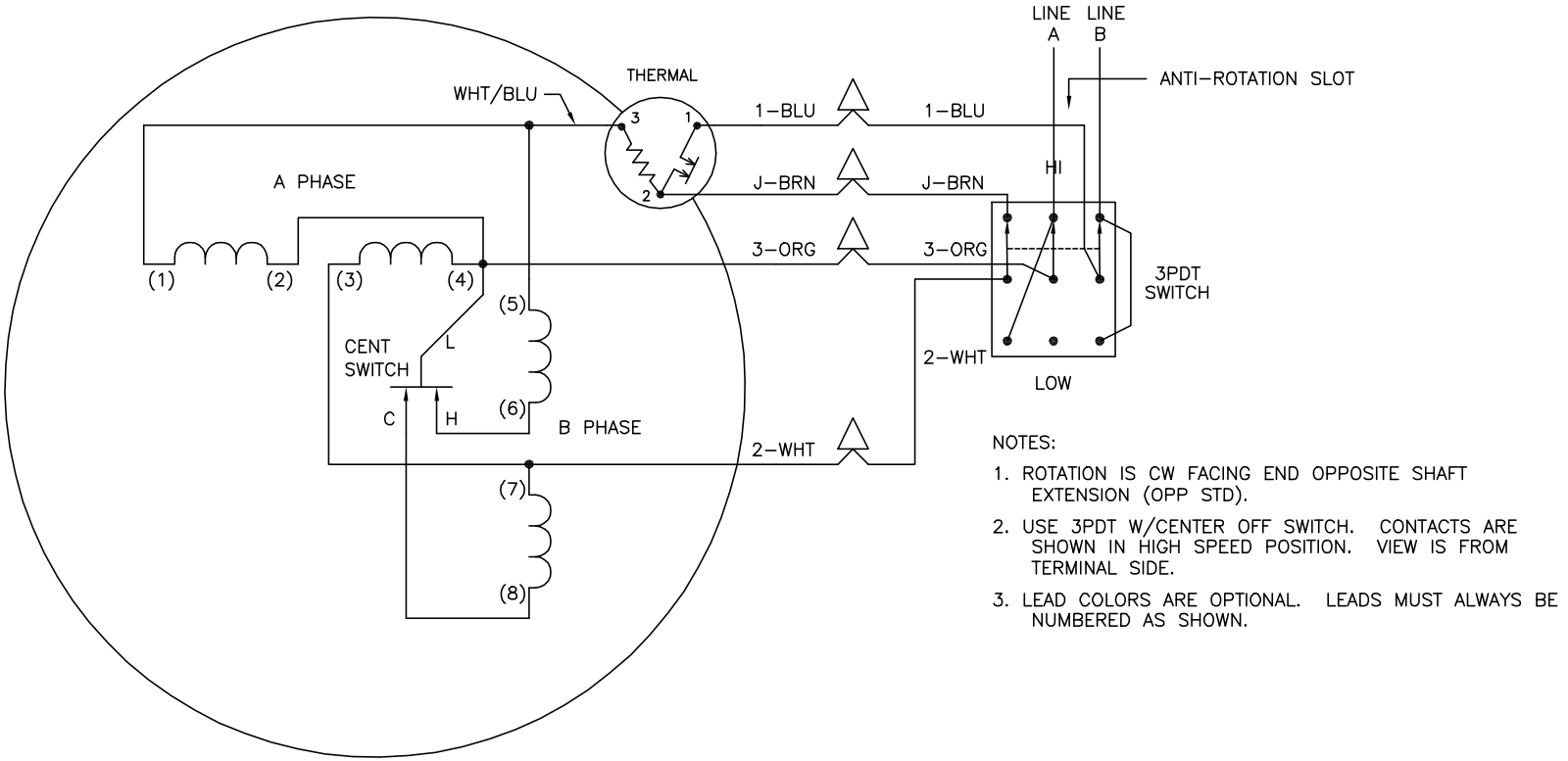
NP3356L			
CAT.NO.	353T		
SPEC.	L35-150-156		
HP	.25/.06		
VOLTS	115		
PHASE	1	**AMPS**	3/1.5
CYCLE	60		
RPM	3450/1725		
CL	F		
RATING	40C AMB-CONT		
SERIAL			

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


L5LY0150
(520) – 14.31
1.00
1.00
SLOW
OFF
FAST
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
L5LY0150
CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.
REV. DESC: REMOVE UNDER CUT DETAIL
REV. LTR: M
VERSION: 02
TDR: 000000893138
FILE: \AAA\00036\305
REVISED: 03:58:38 02/24/2015
BY: ENMAIYO
MTL: –
BALDOR
POLISHING LATHE 520Q 2 SPEED 115 VOLTS (2 POLE LAM)
SH 1 of 1

CD0364



NOTES:

1. ROTATION IS CW FACING END OPPOSITE SHAFT EXTENSION (OPP STD).
2. USE 3PDT W/CENTER OFF SWITCH. CONTACTS ARE SHOWN IN HIGH SPEED POSITION. VIEW IS FROM TERMINAL SIDE.
3. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

CD0364

REV. DESC: REMOVE OPTIONAL THERMAL CONNECTION			BALDOR ELECTRIC Co.
REV. LTR: D	VERSION: 01	TDR: 000000380260	
CD0364	FILE: \AAA\00008\987	REVISED: 17:35:23 10/31/2005	TYPE Q, SV, FIX, THERMAL, 2S-2W, 3PDT SWITCH
	MTL: -	BY: ENJOEP0	