

ABB BALDOR RELIANCE III

Customer information packet 353T

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

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

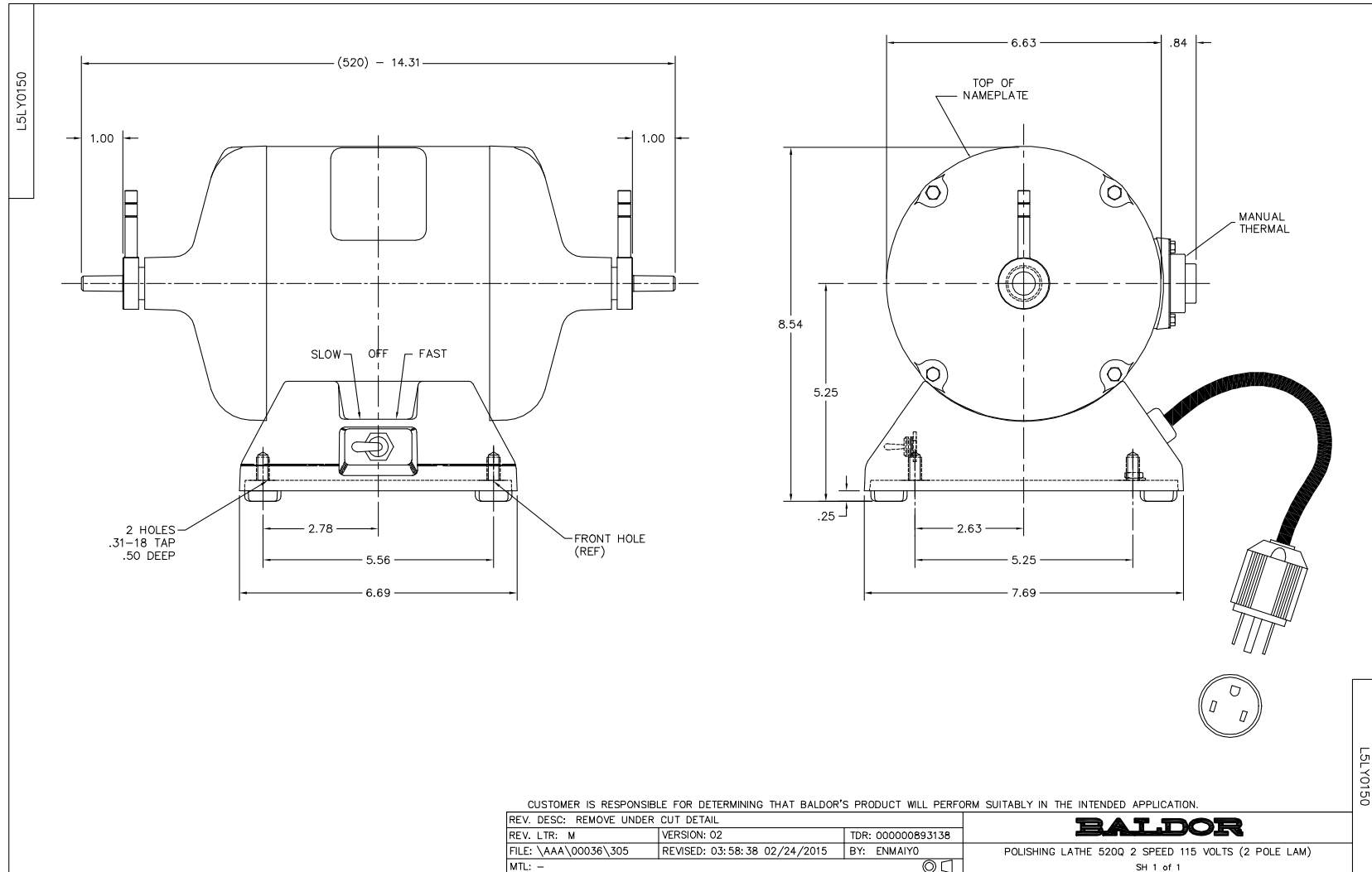
Mounting Arrangement	F1
Product Family	Dental Lathe
RoHS Status	ROHS COMPLIANT
Service Factor	1.00
Shaft Extension Location	Pulley End
Shaft Rotation	Fixed Opposite Standard
Speed Code	1Ph 2 Speed Pole Changing
Starting Method	Direct on line
Thermal Device - Winding	None
Winding Thermal 1 Location	SB

Nameplate

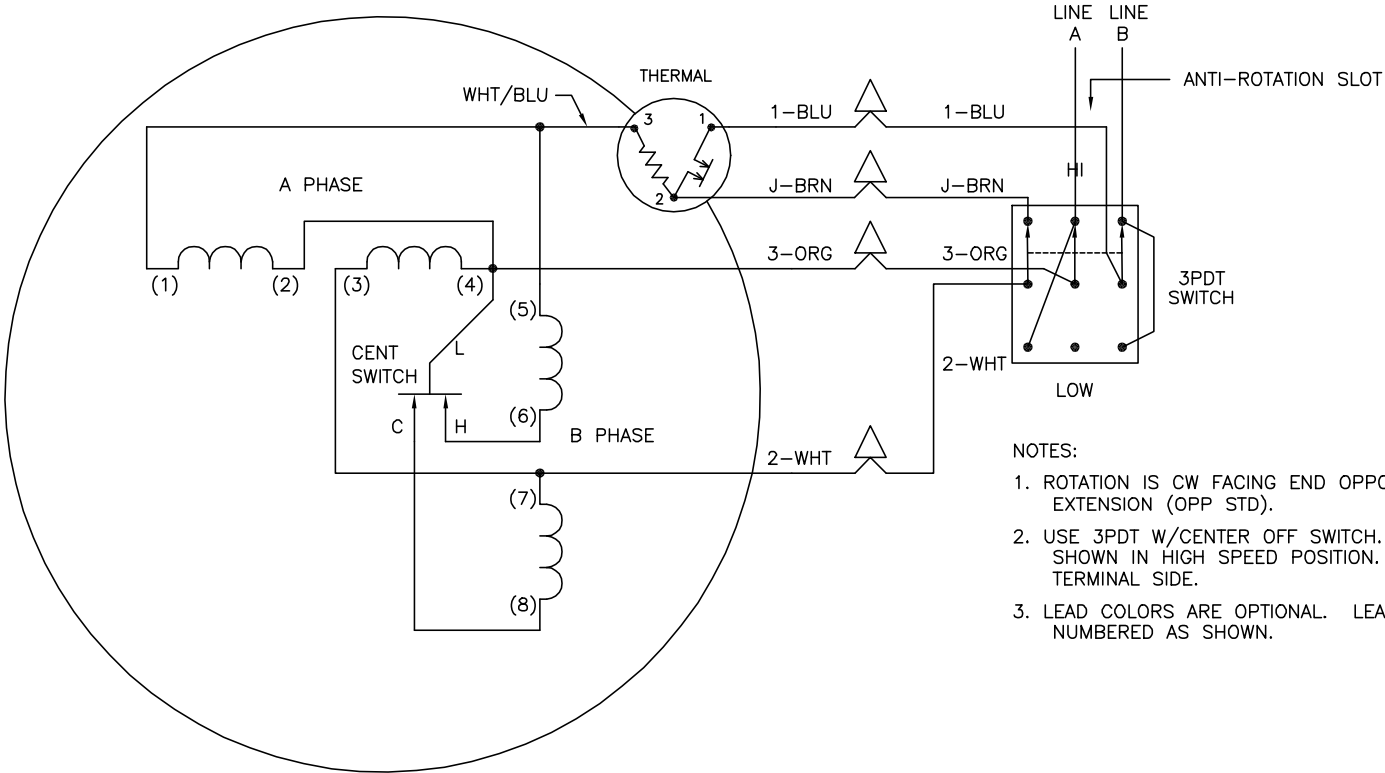
NP3356L			
CAT.NO.	353T		
SPEC.	L35-150-156		
HP	.25/.06		
VOLTS	115		
PHASE	1	AMPS	3/1.5
CYCLE	60		
RPM	3450/1725		
CL	F		
RATING	40C AMB-CONT		
SERIAL			

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



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.

REV. DESC: REMOVE OPTIONAL THERMAL CONNECTION		
REV. LTR: D	VERSION: 01	TDR: 000000380260
CD0364	FILE: \AAA\00008\987	REVISED: 17:35:23 10/31/2005
	MTL: -	BY: ENJOEPO

BALDOR ELECTRIC Co.

TYPE Q, SV, FIX, THERMAL, 2S-2W, 3PDT SWITCH

CD0364