



Customer information packet

LPL50

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

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	BUFFER
Speed	3450 rpm 3450 rpm
Synchronous Speed @ Frequency	3600 RPM @ 60 HZ
Voltage	115 V
Voltage @ Frequency	115.0 V @ 60 HZ
Agency Approvals	UR
Ambient Temperature	40 °C
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Current @ Voltage	5.400 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	14.38 IN
Product Family	Dental Lathe

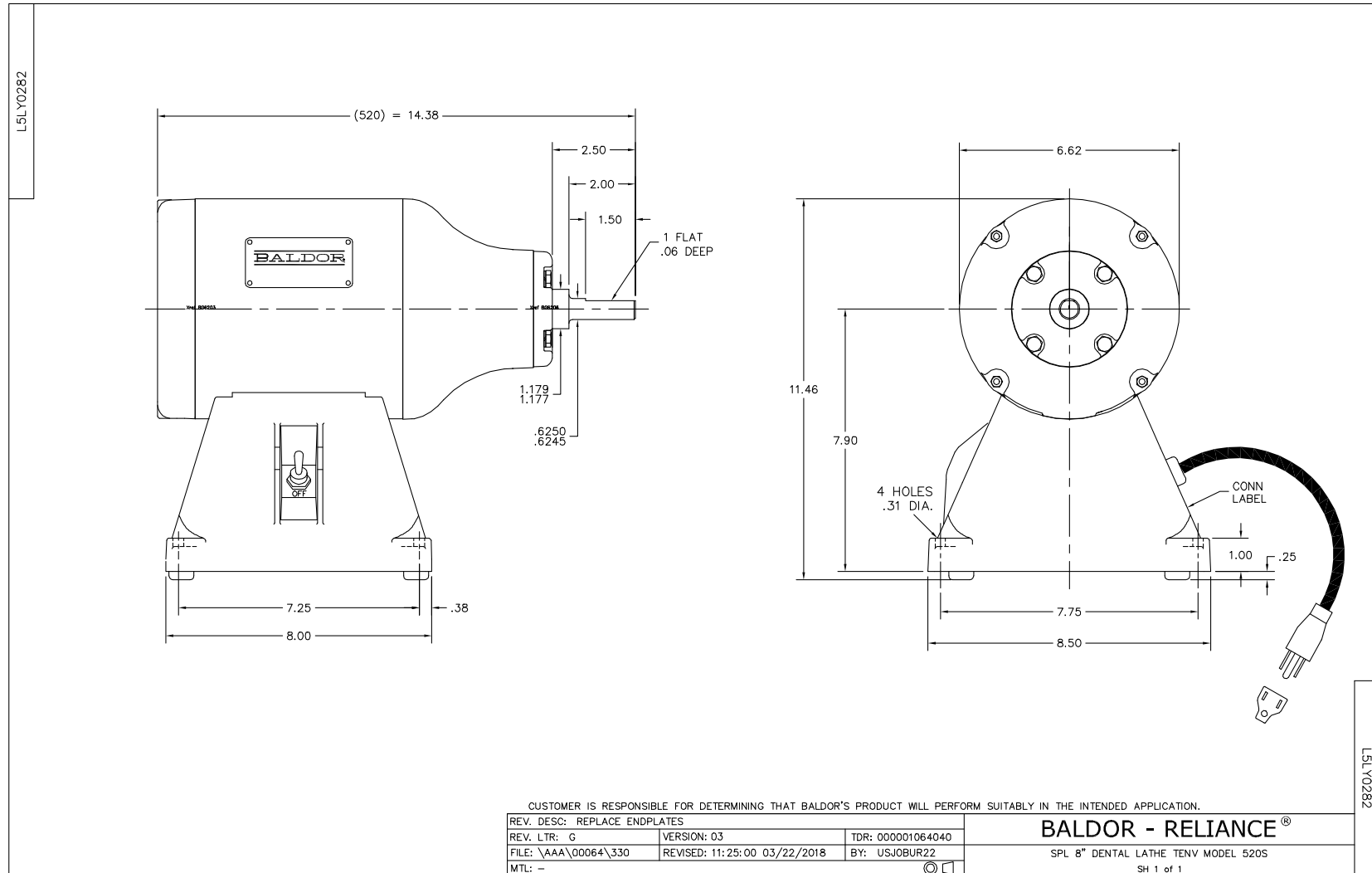
Part detail

Revision	BB
Type	AC
Mech. spec.	L35-282
Base	
Status	PRD/A
Elec. spec.	L5WG0025
Layout	L5LY0282
Eff. date	07-27-2022
CD Diagram	CD0337
Poles	02
Leads	2#18
Proprietary	False
Created date	08-08-2007

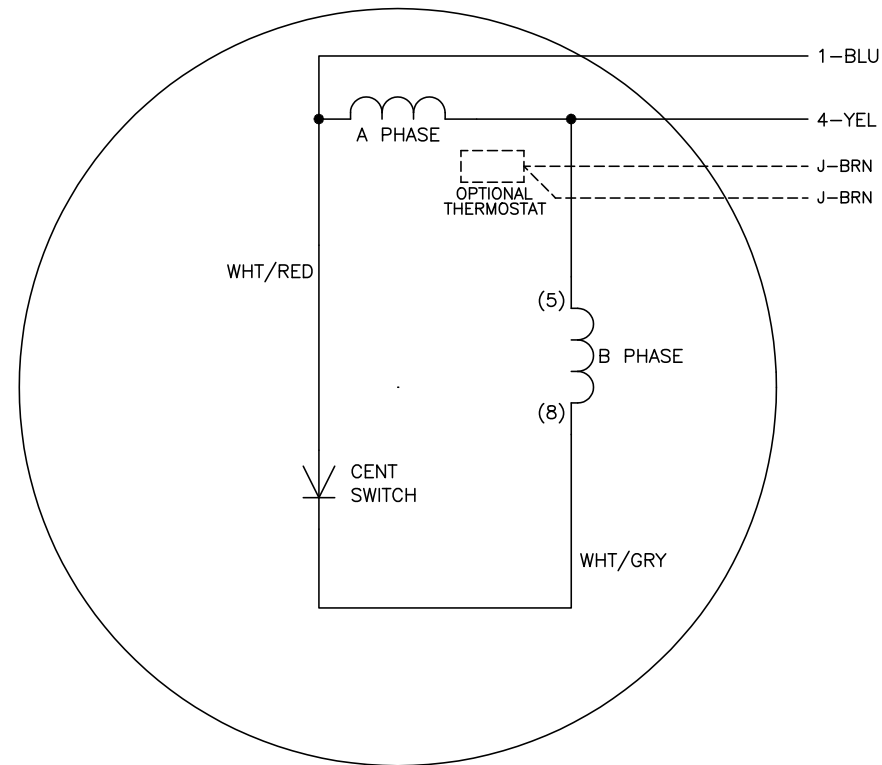
Service Factor	1.00
Shaft Extension Location	Pulley End
Shaft Rotation	Fixed Opposite Standard
Shaft Slinger Indicator	No Slinger
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Winding	None

Nameplate

NP3352L			
CAT.NO.	LPL50		
HP	.5	VOLTS	115
PHASE	1	AMPS	5.4
HZ	60	RPM	3450
SER.NO			
SPEC.	L35-282-25		
BLANK			



CD0337



LINE A	LINE B
1	4

NOTES:

1. CONNECTIONS ARE SHOWN FOR CCW ROTATION FACING END OPPOSITE SHAFT EXTENSION (STD). FOR CW ROTATION, INTERCHANGE 5 AND 8 INTERNALLY.
2. OPTIONAL THERMOSTAT IS PROVIDED WHEN SPECIFIED.
3. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

REV. DESC: ADD OPTIONAL LEAD COLORS

REV. LTR: F

BY: JLP

REVISED: 11/15/00 10:25

TDR: 0225139

CD0337

FILE: AAA00007587

REF: -

MTL: -

BALDOR ELECTRIC Co.

TYPE S, SV, FIX, 2 LEAD

CD0337