

ABB BALDOR RELIANCE III

Customer information packet 359T

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

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



