

ABB BALDOR RELIANCE III

Customer information packet 380WCT

28L 2/4P POLISHING LATHE MTO

Specifications

Enclosure	TENV
Frame Material	Steel
Frequency	60.00 Hz 60.00 Hz
Motor Letter Type	Cap Start, Induction Run
Nameplate Output	.33/.17
Number of Poles	2 4 2 4
Output @ Frequency	.330 HP @ 60 HZ .170 HP @ 60 HZ
Phase	1 1
Shaft Diameter	0.376 IN 0.376 IN
Speed	1710 rpm 3430 rpm 1710 rpm 3430 rpm
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage	115 V
Voltage @ Frequency	115.0 V @ 60 HZ
Ambient Temperature	40 °C
Base Indicator	Rigid
Current @ Voltage	3.800 A @ 115.0 V
Design Code	-
Duty Rating	CONT
Insulation Class	F
KVA Code	-
Motor Lead Quantity/Wire Size	3 @ 18 AWG
Motor Standards	Other

Part Detail

Revision	F
Type	AC
Mech. spec.	L35-243
Base	
Status	PRD/A
Elec. spec.	L5WG0330
Layout	L5LY0243
Eff. date	02-05-2026
CD Diagram	CD0349
Poles	02/04
Leads	3#18
Proprietary	False
Created date	02-23-2023

Motor Type	3528L
Mounting Arrangement	F1
Overall Length	16.63 IN
Product Family	Dental Lathe
Service Factor	1.00
Shaft Rotation	Fixed Opposite Standard
Speed Code	1Ph 2 Speed Pole Changing
Starting Method	Direct on line
Thermal Device - Winding	None
Winding Thermal 1	Manual Thermal Overload
Winding Thermal 1 Location	SB
Winding Thermal 2	None

Nameplate

NP3356L			
CAT.NO.	380WCT		
SPEC.	L35-243G0330		
HP	.33/.17		
VOLTS	115		
PHASE	1	AMPS	3.8/2.4
CYCLE	60		
RPM	3430/1710		
CL	F		
RATING	40C AMB-CONT		
SERIAL			

Accessories

Part number	Description	Multiplier
L3	DR-3545 LH HD WHEEL CHUCK	A8
L4	DR-3547B L4 LH SF WHEEL CHUCK	A8

ABB Motors and Mechanical Inc.

WINDING # L5WG0330

0.33 HP 1 PH 60 HZ 3428.7 RPM 115 V L3528L

Typical performance - not guaranteed values.

TORQUES (LB-FT): PO=2.54 PU=0.75 LR=1 LRA=24

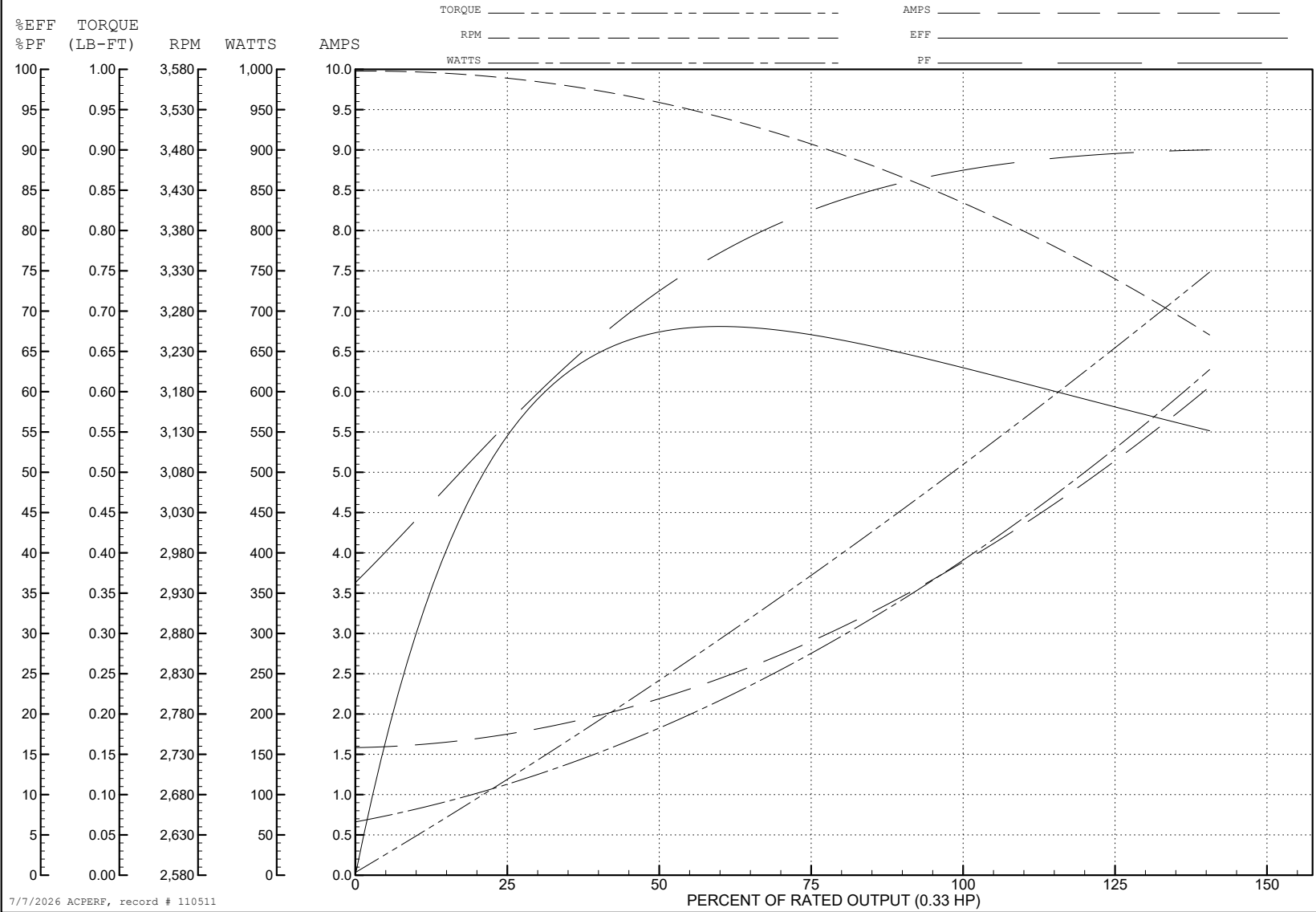


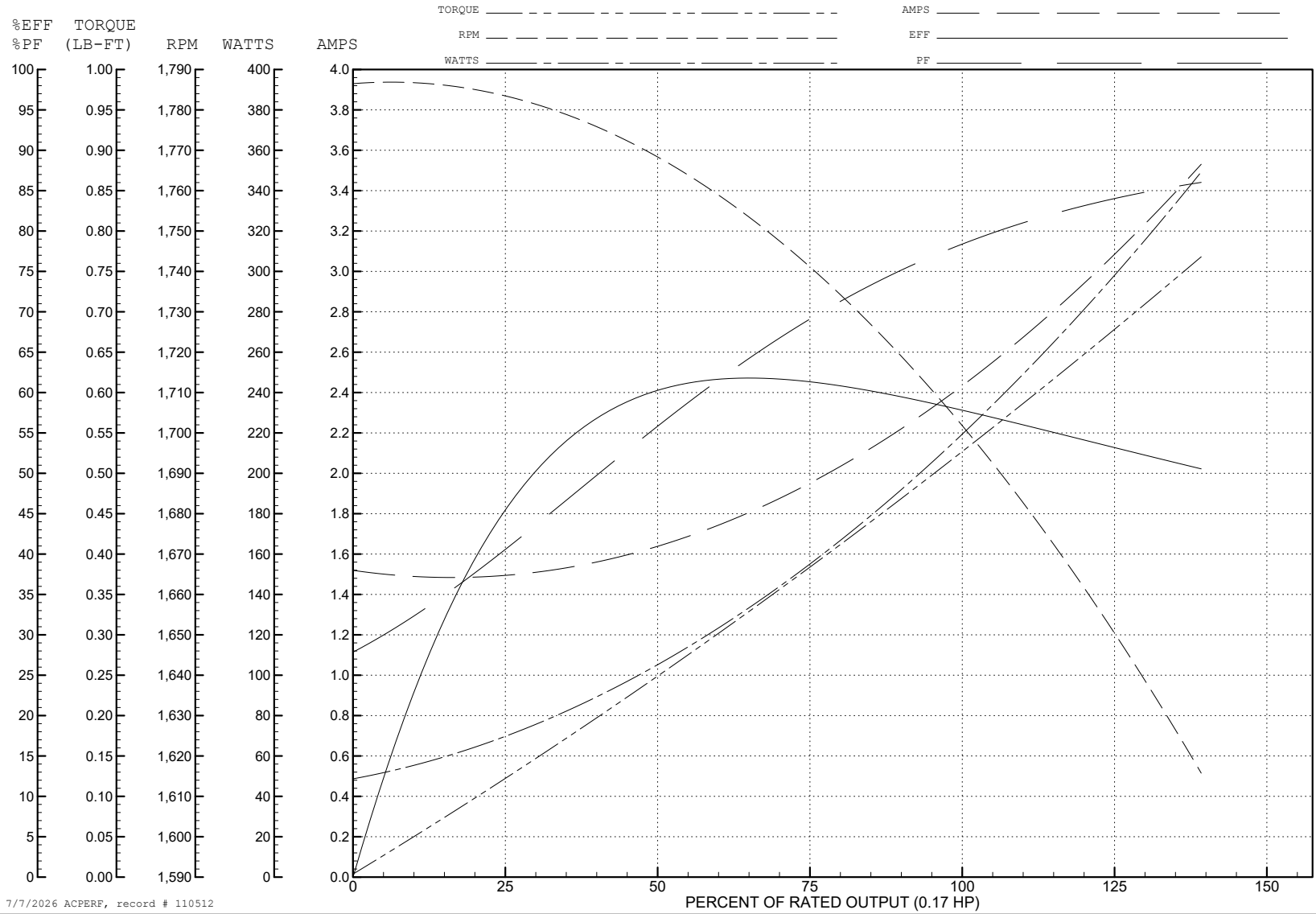
ABB Motors and Mechanical Inc.

WINDING # L5WG0330

0.17 HP 1 PH 60 HZ 1710.4 RPM 115 V L3528L

Typical performance - not guaranteed values.

TORQUES (LB-FT): PO=1.55 PU=0.636 LR=1.03 LRA=23.5



7/7/2026 ACPERF, record # 110512

