ABB BALDOR RELIANCE

Customer information packet

1252

3HP, 1500/1800RPM, 3PH, 50/60HZ, 3628M, BUFF

Copyright © All product information within this document is subject to ABB Motors and Mechanical Inc. copyright © protection, unless otherwise noted.
11/3/2026 3:06:03 AM

Specifications

Enclosure	TENV
Frame Material	Steel
Frequency	50.00 Hz
	60.00 Hz
	50.00 Hz
	60.00 Hz
Motor Letter Type	Three Phase
Nameplate Output	3
Number of Poles	4
	4
Output @ Frequency	3.000 HP @ 60 HZ
	3.000 HP @ 50 HZ
Phase	3
	3
Product Style	GRINDER
Speed	1500 rpm
	1800 rpm
	1500 rpm
	1800 rpm
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage	208 V
	230 V
	460 V
Voltage @ Frequency	208.0 V @ 60 HZ
	208.0 V @ 50 HZ
	230.0 V @ 50 HZ
	230.0 V @ 60 HZ
	460.0 V @ 50 HZ
	460.0 V @ 60 HZ
Agency Approvals	CSA
	UR
Ambient Temperature	40 °C
Base Indicator	Rigid

Part Detail

Revision	X
Type	AC
Mech. spec.	G12-121
Base	
Status	PRD/A
Elec. spec.	G2WG0004
Layout	G2LY0121
Eff. date	10-20-2025
CD Diagram	CD0251
Poles	04
Leads	9#16 12" FROM IRON Y
Proprietary	False
Created date	01-01-0001

Bearing Grease Type	Polyrex EM (-20F +300F)
Current @ Voltage	3.700 A @ 460.0 V
	7.400 A @ 230.0 V
	8.000 A @ 208.0 V
Duty Rating	CONT
Feedback Device	NO FEEDBACK
Insulation Class	B
KVA Code	G
Motor Lead Quantity/Wire Size	9 @ 16 AWG
Motor Standards	Other
Motor Type	3628M
Mounting Arrangement	F1
Overall Length	39.32 IN
Product Family	Buffer
Service Factor	1.00
Shaft Extension Location	Double Shaft
Shaft Rotation	Phase Seq-Opp Std Rot (CWODE)
Shaft Slinger Indicator	No Slinger
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Winding	None
Winding Thermal 1	None
Winding Thermal 2	None

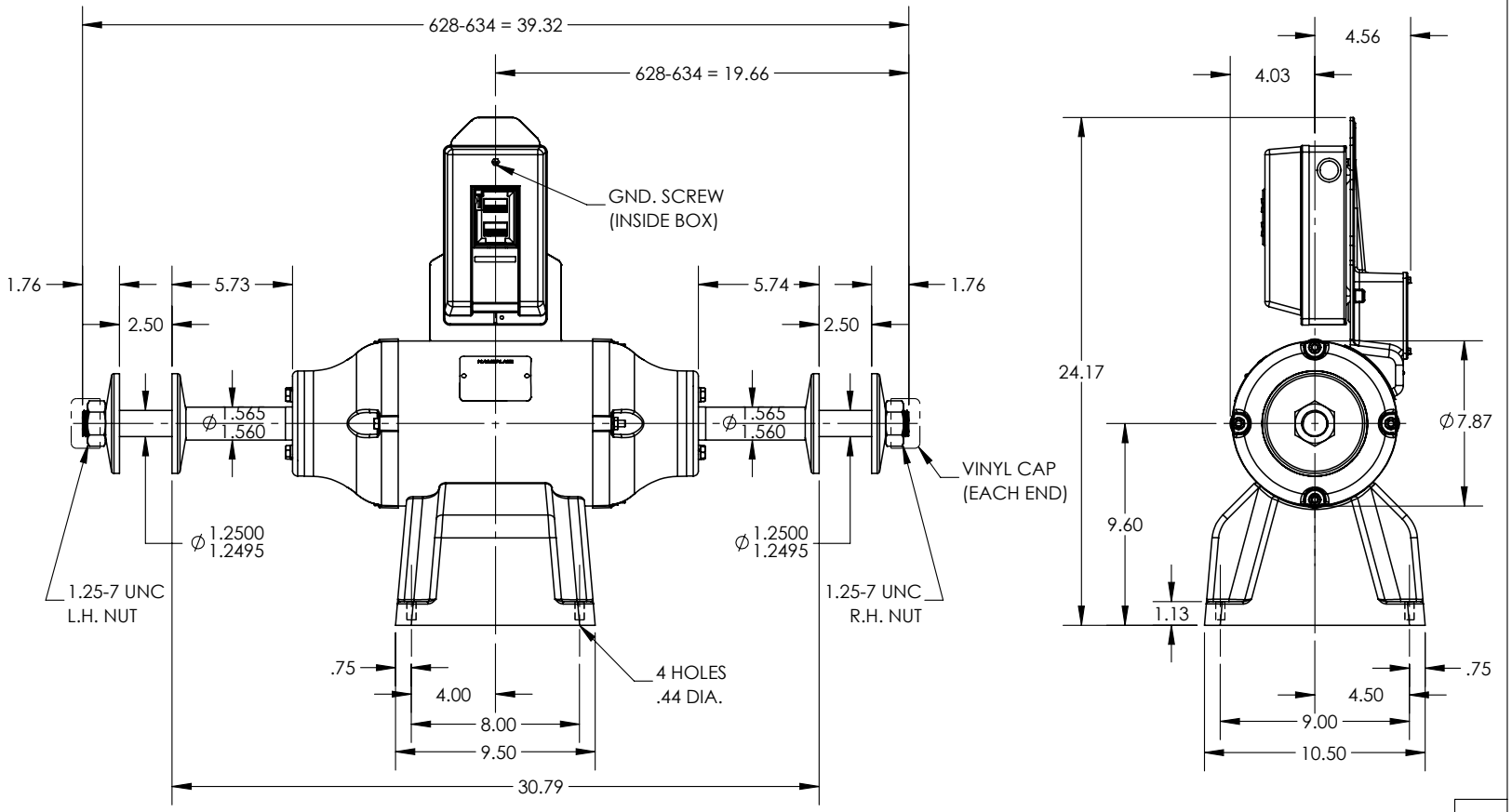
Nameplate

NP3411L					
CAT.NO.	1252				
HP	3	**VOLTS**		208-230/460	
PHASE	3	**AMPS**		8-7.4/3.7	
HZ	50//60	**RPM**	1500//1800		
SER.NO					
SPEC.	G12-121C-0004				
BLANK					

Accessories

Part number	Description	Multiplier
GA20	PEDESTAL INDUSTRIAL, CAST IRON 8"-14"	A8

G2LY0121



CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT THE PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION

REV. DESC: MOVE GROUND SCREW TO TOP OF STARTER			
REV: C	VERSION: 02	REVISED: 04:18:42 10/15/2025	TDR: 000001265308
G2LY0121	MODEL NO. G2LY0121		REF: -
	BY: USEROLI		

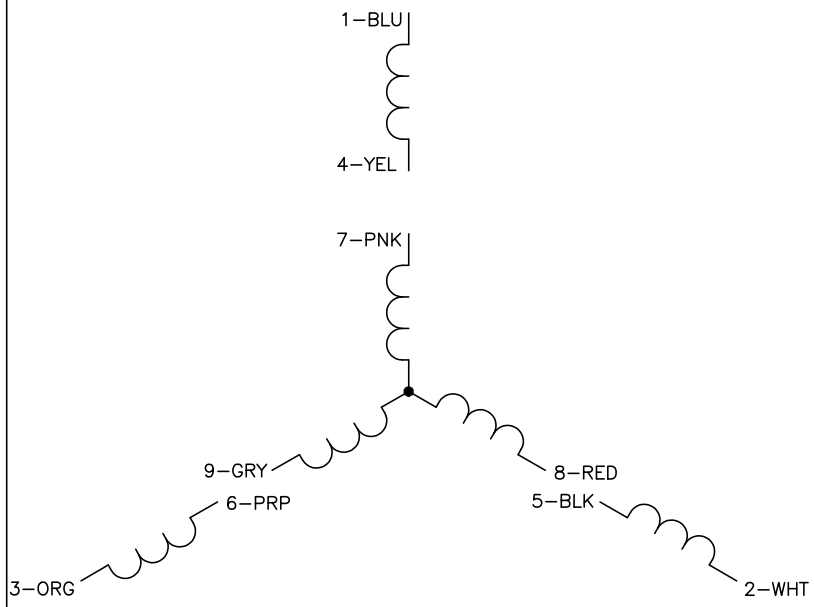
BALDOR - RELIANCE®

STD 12" BUFFER 36M W/MANUAL STARTER

G2LY0121

CD0251

MOTOR

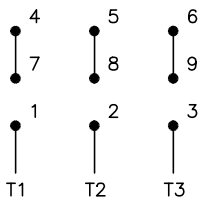


NOTES:

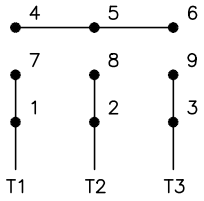
1. GROUND BASE TO BAND.
2. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

STARTER BRACKET CONDUIT BOX

HIGH VOLTAGE



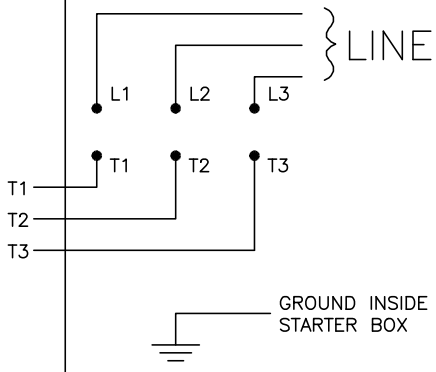
LOW VOLTAGE



NOTE:

BALDOR LABEL ON STARTER INDICATES FACTORY CONNECTED VOLTAGE. FOR CORRECT OVERLOAD PROTECTION, INSTALL PROPER HEATER ELEMENTS IN STARTER WHEN CHANGING VOLTAGE CONNECTION.

STARTER



NOTE:

INTERCHANGE ANY TWO LINE LEADS T
REVERSE ROTATION.

CD0251

REV. DESC: REVISE TO SHOW OPTIONAL COLORS			BALDOR ELECTRIC Co.
REV. LTR: C	BY: EAH	REVISED: 05/05/99 10:07	TDR: 0179909
CD0251		FILE: AAA00051265	MDL: –
		MTL: –	3PH, DV, 9 LEAD, GRINDER OR BUFFER W/MANUAL STARTER