

ABB BALDOR RELIANCE III



Customer information packet

1457

5HP, 1000/1200RPM, 3PH, 50/60HZ, 3744M, BUFF

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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	5
Number of Poles	6 6
Output @ Frequency	5.000 HP @ 60 HZ 5.000 HP @ 50 HZ
Phase	3 3
Product Style	GRINDER
Speed	1000 rpm 1200 rpm 1000 rpm 1200 rpm
Synchronous Speed @ Frequency	1200 RPM @ 60 HZ
Voltage	208 V 230 V 460 V
Voltage @ Frequency	208.0 V @ 60 HZ 230.0 V @ 50 HZ 230.0 V @ 60 HZ 460.0 V @ 50 HZ 460.0 V @ 60 HZ 208.0 V @ 50 HZ
Agency Approvals	CSA UR
Ambient Temperature	40 °C
Base Indicator	Rigid

Part Detail

Revision	X
Type	AC
Mech. spec.	G14-117
Base	
Status	PRD/A
Elec. spec.	G4WG0039
Layout	G4LY0117
Eff. date	02-11-2022
CD Diagram	CD0258
Poles	06
Leads	9#14 11"FROM ENDTURN Y
Proprietary	False
Created date	01-01-0001

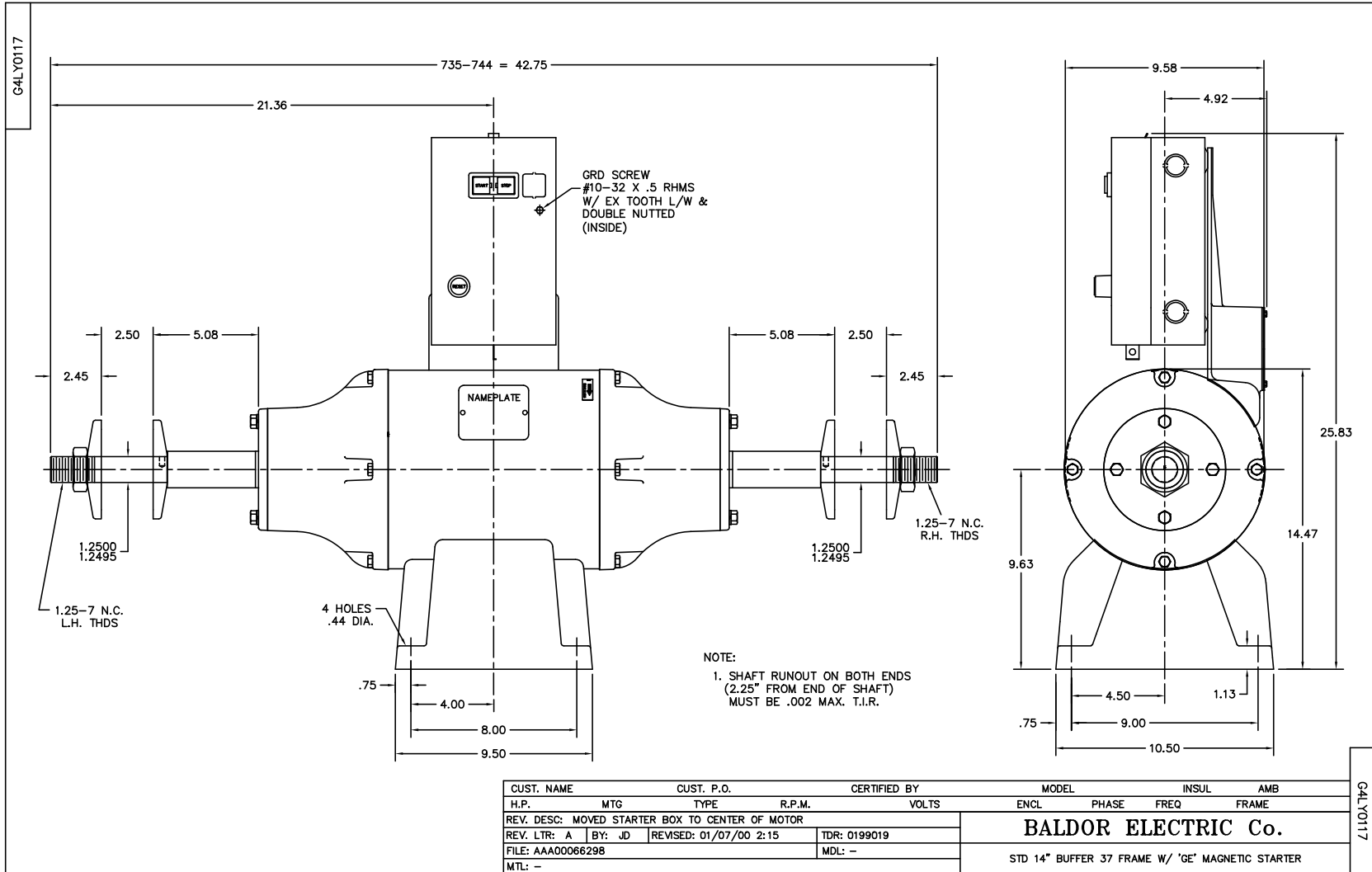
Current @ Voltage	7.600 A @ 460.0 V 7.600 A @ 230.0 V 16.800 A @ 208.0 V 15.200 A @ 230.0 V
Design Code	B
Duty Rating	CONT
Insulation Class	B
KVA Code	F
Motor Lead Quantity/Wire Size	9 @ 14 AWG
Motor Standards	Other
Motor Type	3744M
Mounting Arrangement	F1
Product Family	Buffer
Service Factor	1.00
Shaft Extension Location	Double Shaft
Shaft Rotation	Phase Seq-Opp Std Rot (CWODE)
Speed Code	Single Speed
Starting Method	Direct on line

Nameplate

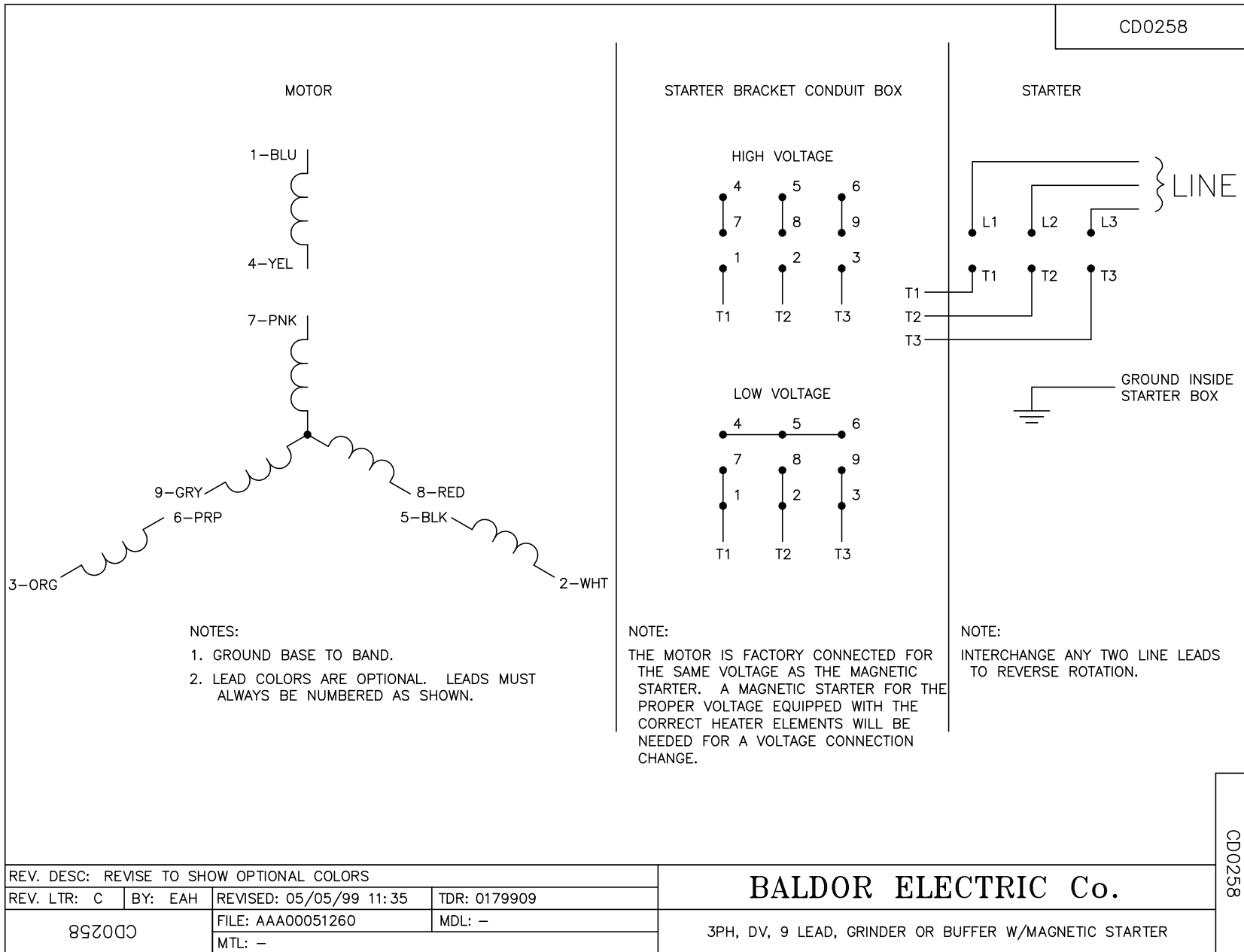
NP3411L			
CAT.NO.	1457		
HP	5	VOLTS	230
PHASE	3	AMPS	15.2
HZ	50//60	RPM	1000//1200
SER.NO			
SPEC.	G14-117B-0039G1		
BLANK			

Accessories

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



CD0258



CD0258

REV. DESC: REVISE TO SHOW OPTIONAL COLORS			
REV. LTR: C	BY: EAH	REVISED: 05/05/99 11:35	TDR: 0179909
89Z0C0		FILE: AAA00051260	MDL: -
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BALDOR ELECTRIC Co.

3PH, DV, 9 LEAD, GRINDER OR BUFFER W/MAGNETIC STARTER