ABB BALDOR RELIANCE

Customer information packet

522

.5HP, 3600RPM, 1PH, 60HZ, 3524C, 3524C, TENV

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Specifications

Enclosure	TENV
Frame Material	Steel
Frequency	60.00 Hz
	60.00 Hz
Motor Letter Type	Oil Capacitor Start and Run
Nameplate Output	.5
Number of Poles	2
	2
Output @ Frequency	.500 HP @ 60 HZ
Phase	1
	1
Product Style	GRINDER
Speed	3600 rpm
	3600 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	5.000 A @ 115.0 V
Design Code	-
Duty Rating	CONT
Feedback Device	NO FEEDBACK
Insulation Class	B
KVA Code	-
Motor Lead Quantity/Wire Size	3 @ 18 AWG
Motor Standards	Other
Motor Type	3524C
Mounting Arrangement	F1
Overall Length	15.32 IN

Part Detail

Revision	BH
Type	AC
Mech. spec.	A-738
Base	
Status	PRD/A
Elec. spec.	G9WG0343
Layout	ALY0738
Eff. date	06-06-2023
CD Diagram	CD0285
Poles	02
Leads	3#18 8.5" LG Y
Proprietary	False
Created date	08-08-2007

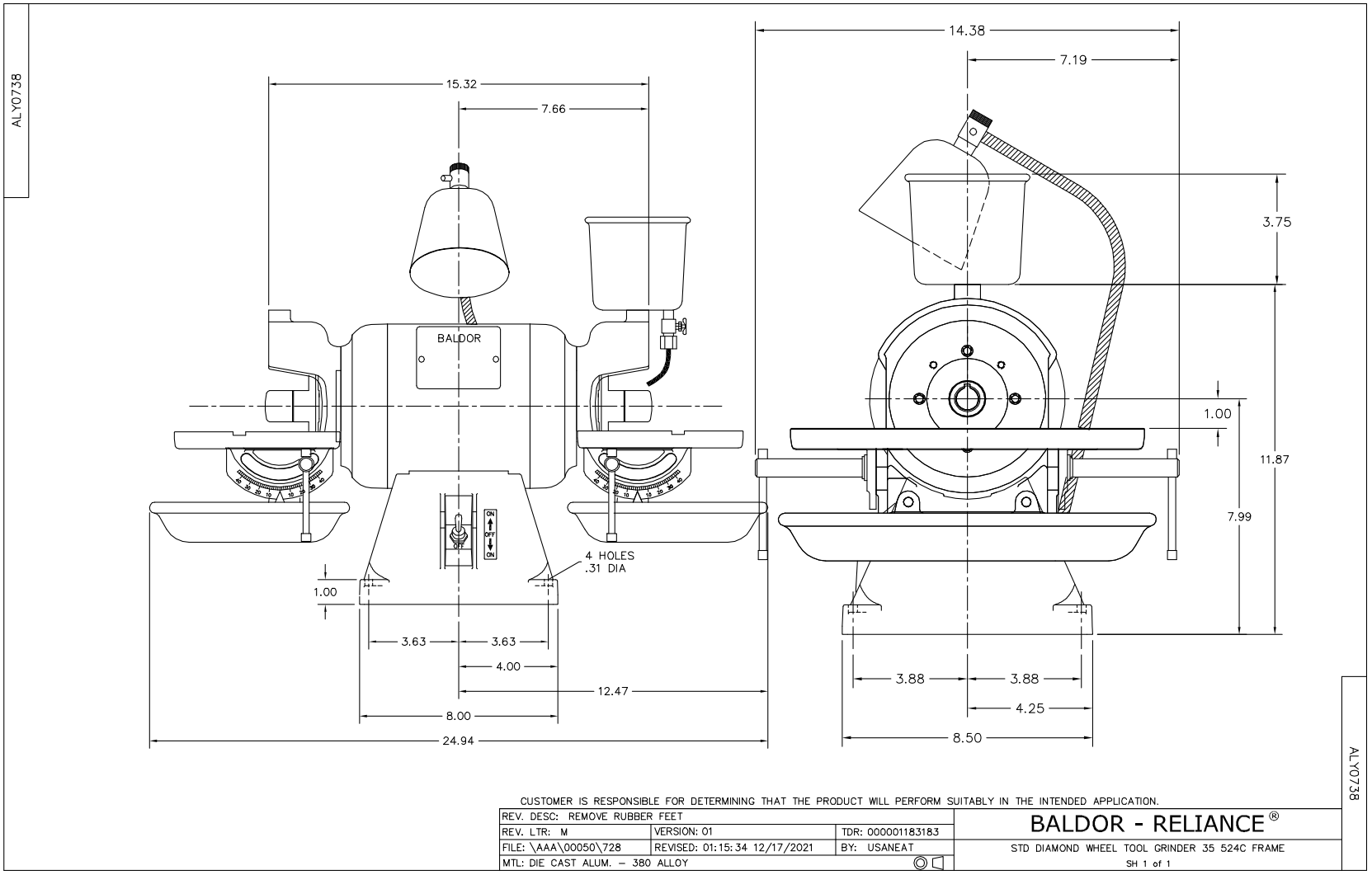
Product Family	Grinder
Service Factor	1.00
Shaft Extension Location	Pulley End
Shaft Rotation	Reversible: Connected OPP STD
Shaft Slinger Indicator	No Slinger
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Winding	None

Nameplate

NP3118			
CAT.NO.	522		
HP	.5	**VOLTS**	115
PHASE	1	**AMPS**	5
HZ	60	**RPM**	3600
SER.NO			
SPEC.	A-738-343		

Accessories

Part number	Description	Multiplier
GA16	PEDESTAL INDUSTRIAL, CAST IRON 6" - 10"	A8
GA14	PEDESTAL FABRICATED STEEL W/SHELVES	A8
GA20	PEDESTAL INDUSTRIAL, CAST IRON 8"-14"	A8
GA20E	PEDESTAL LIGHT INDUSTRIAL,STEEL	A8
D501	GENERAL PURPOSE DIAMOND WHEEL	A8
D502	FINE FINISH DIAMOND WHEEL	A8
BQ1-015-CC	1PH Brake, NEMA 1,110-125 VAC, 50/60Hz	P1
BQ1-015-CP	1PH Brake, Panel 110-125 VAC, 50/60 Hz	



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

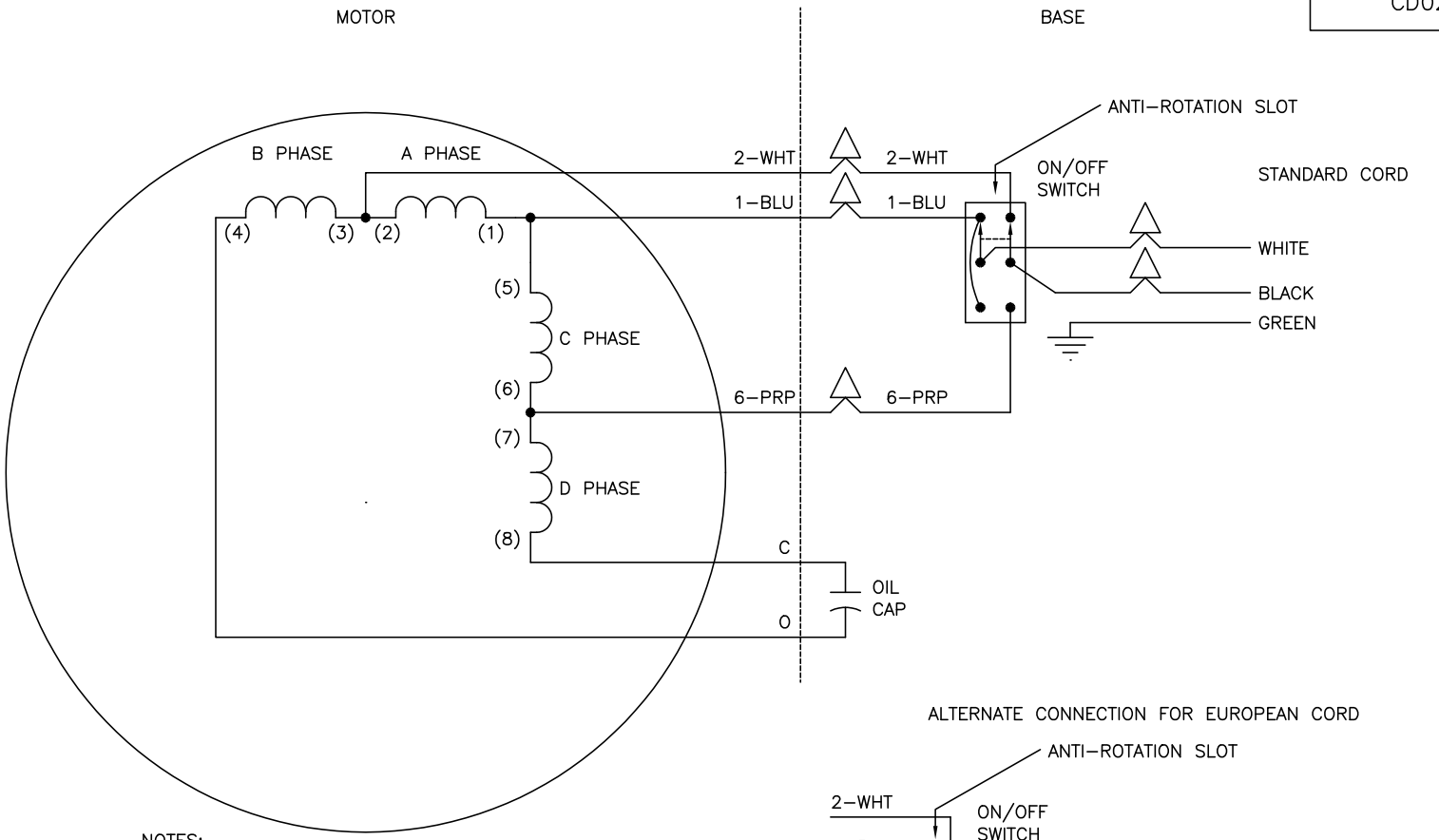
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REV. LTR: M	VERSION: 01	TDR: 000001183183
FILE: \AAA\00050\728	REVISED: 01:15:34 12/17/2021	BY: USANEAT
MTL: DIE CAST ALUM. – 380 ALLOY		

BALDOR - RELIANCE®

STD DIAMOND WHEEL TOOL GRINDER 35 524C FRAME

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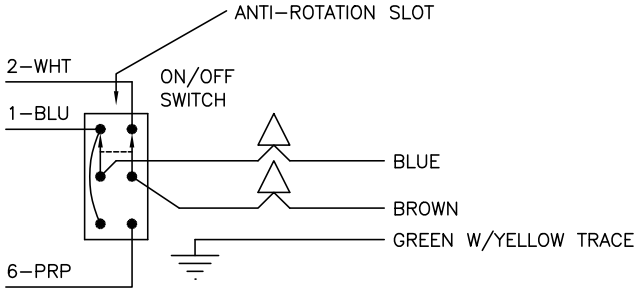
CD0285



NOTES:

1. USE 2PDT W/CENTER OFF SWITCH. CONTACTS ARE SHOWN IN THE FORWARD POSITION. VIEW IS FROM TERMINAL SIDE.
2. FORWARD ROTATION IS TOP OF WHEEL MOVING TOWARD USER.
3. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

ALTERNATE CONNECTION FOR EUROPEAN CORD



CD0285

REV. DESC: ADD OPTIONAL LEAD COLORS			BALDOR ELECTRIC Co.
REV. LTR: C	BY: JLP	REVISED: 11/06/00 9:26	TDR: 0224328
CD0285		FILE: AAA00028991	REF: –
		MTL: –	TYPE C, SV, REV, 3 LDS, VOLT BOOST WDGS, CARBIDE TOOL GRNDR