ABB BALDOR RELIANCE

Customer information packet

532

.5HP, 3000/3600RPM, 3PH, 50/60HZ, 3524M

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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	2
	2
Output @ Frequency	.500 HP @ 60 HZ
	.500 HP @ 50 HZ
Phase	3
	3
Product Style	GRINDER
Speed	3000 rpm
	3600 rpm
	3000 rpm
	3600 rpm
Synchronous Speed @ Frequency	3600 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	UR
Ambient Temperature	40 °C
Base Indicator	Rigid

Part Detail

Revision	BB
Type	AC
Mech. spec.	A-742
Base	
Status	PRD/A
Elec. spec.	G9WG0341
Layout	ALY0742
Eff. date	10-04-2022
CD Diagram	CD0294
Poles	02
Leads	9#18 12" LG Y
Proprietary	False
Created date	08-08-2007

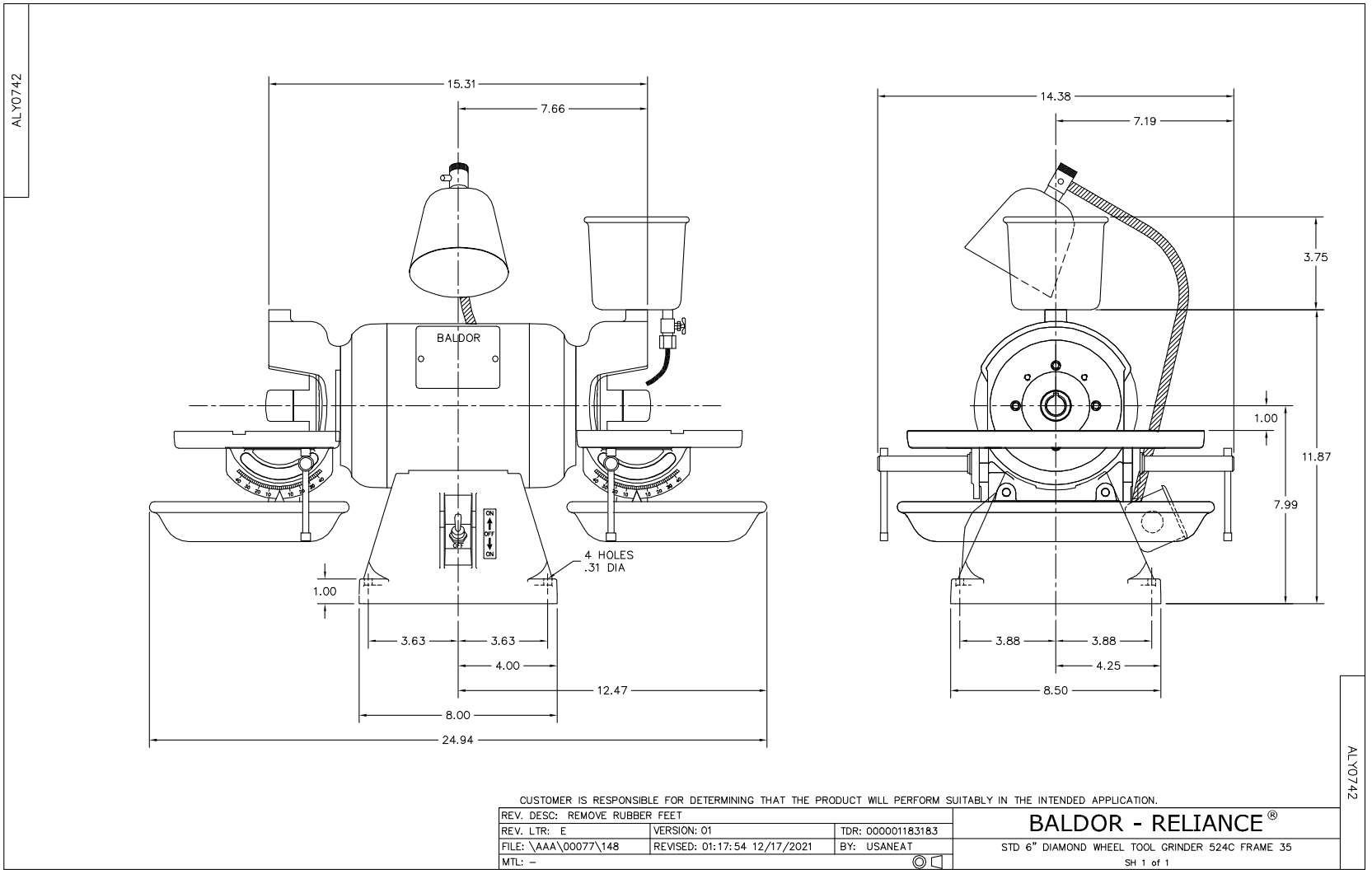
Bearing Grease Type	No Grease
Current @ Voltage	1.000 A @ 230.0 V 1.000 A @ 460.0 V 2.000 A @ 208.0 V 2.000 A @ 230.0 V
Design Code	-
Duty Rating	CONT
Feedback Device	NO FEEDBACK
Insulation Class	B
KVA Code	-
Motor Lead Quantity/Wire Size	9 @ 18 AWG
Motor Standards	Other
Motor Type	3524M
Mounting Arrangement	F1
Overall Length	15.31 IN
Product Family	Grinder
Service Factor	1.00
Shaft Extension Location	Pulley End
Shaft Rotation	Reversible
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

NP3118			
CAT.NO.	532		
HP	.5	**VOLTS**	208-230/460
PHASE	3	**AMPS**	2/1
HZ	50//60	**RPM**	3000//3600
SER.NO			
SPEC.	A-742-341		

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



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

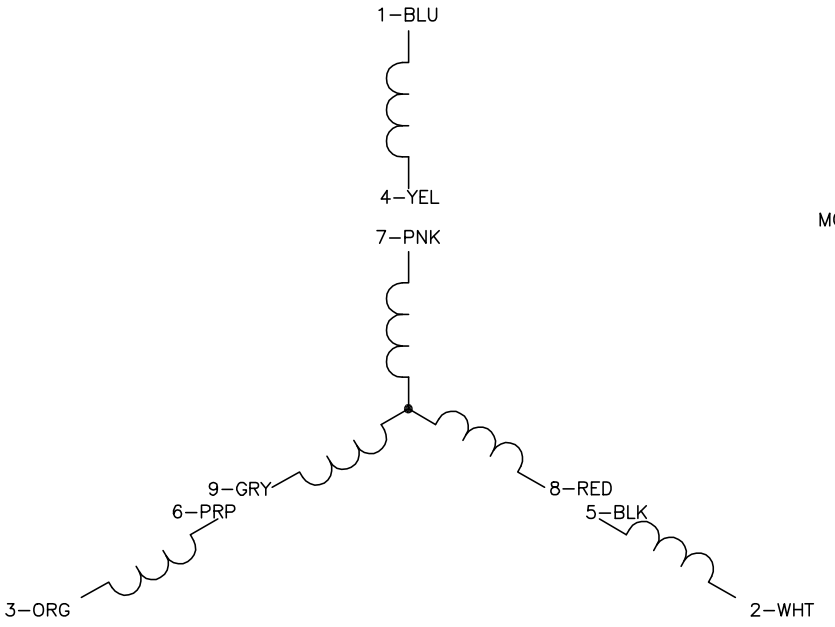
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REV. LTR: E	VERSION: 01	TDR: 000001183183
FILE: \AAA\00077\148	REVISED: 01:17:54 12/17/2021	BY: USANEAT
MTL: –		

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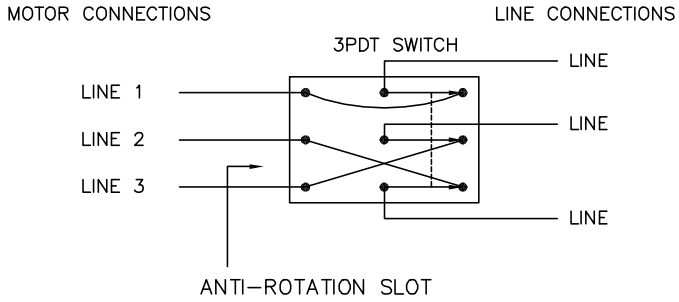
STD 6" DIAMOND WHEEL TOOL GRINDER 524C FRAME 35

SH 1 of 1

CD0294



	LINE 1	LINE 2	LINE 3	JOIN 1	JOIN 2	JOIN 3
HIGH	1	2	3	4,7	5,8	6,9
LOW	1,7	2,8	3,9	4,5,6	–	–



NOTES:

1. INTERCHANGE ANY TWO LINE LEADS TO REVERSE ROTATION.
2. ACTUAL NUMBER OF INTERNAL PARALLEL CIRCUITS MAY VARY.
3. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

CD0294

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REV. LTR: C	VERSION: 01	TDR: 000000406180	
CD0294	FILE: \AAA\00051\250	REVISED: 14:15:46 09/27/2006	3PH, DV, 9 LEADS, 2PDT REVERSING SWITCH
	MTL: –	BY: ENALEM0	