ABB BALDOR RELIANCE

Customer information packet

712RE

.5HP, 3600RPM, 1PH, 60HZ, 3420C, GRND

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11/19/2026 9:55:25 AM

Specifications

Enclosure	GRND
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	CSA
Ambient Temperature	40 °C
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Current @ Voltage	3.400 A @ 115.0 V
Duty Rating	CONT
Feedback Device	NO FEEDBACK
Heater Indicator	No Heater
Insulation Class	B
KVA Code	-
Motor Lead Quantity/Wire Size	4 @ 18 AWG
Motor Standards	Other
Motor Type	3420C
Mounting Arrangement	F1
Overall Length	20.89 IN

Part Detail

Revision	BE
Type	AC
Mech. spec.	G7-0302
Base	
Status	PRD/A
Elec. spec.	G7WG0030
Layout	G7LY0302
Eff. date	04-03-2025
CD Diagram	CD0121
Poles	02
Leads	4#18
Proprietary	False
Created date	01-01-0001

Product Family	Grinder
Service Factor	1.00
Shaft Extension Location	Double Shaft
Shaft Rotation	Fixed Opposite Standard
Shaft Slinger Indicator	No Slinger
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Winding	None

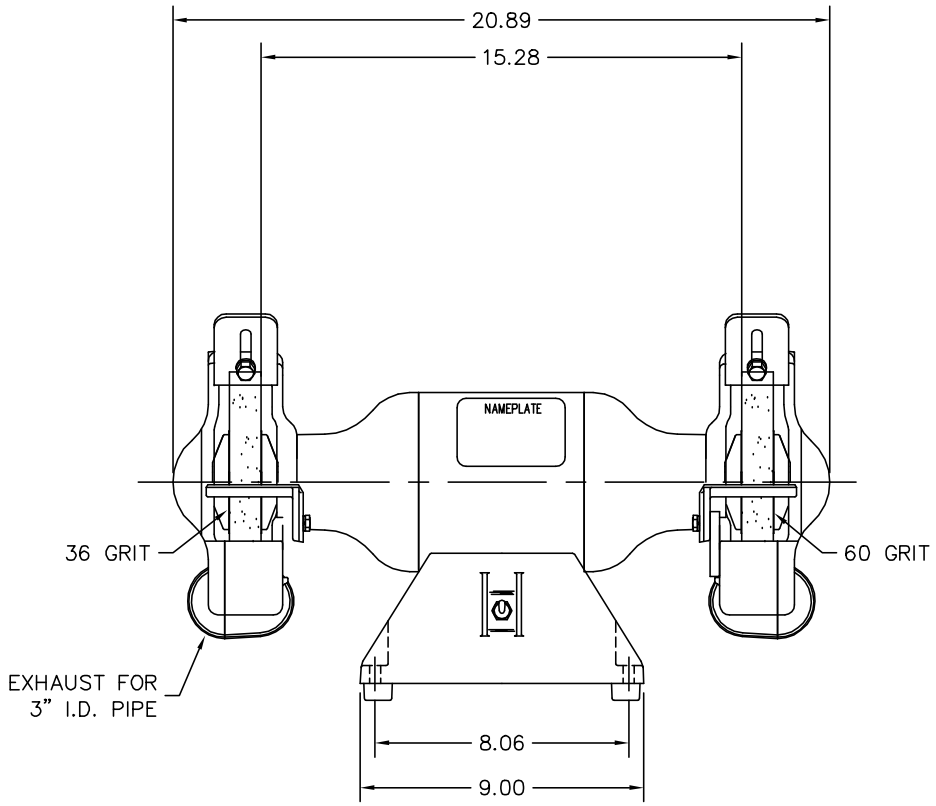
Nameplate

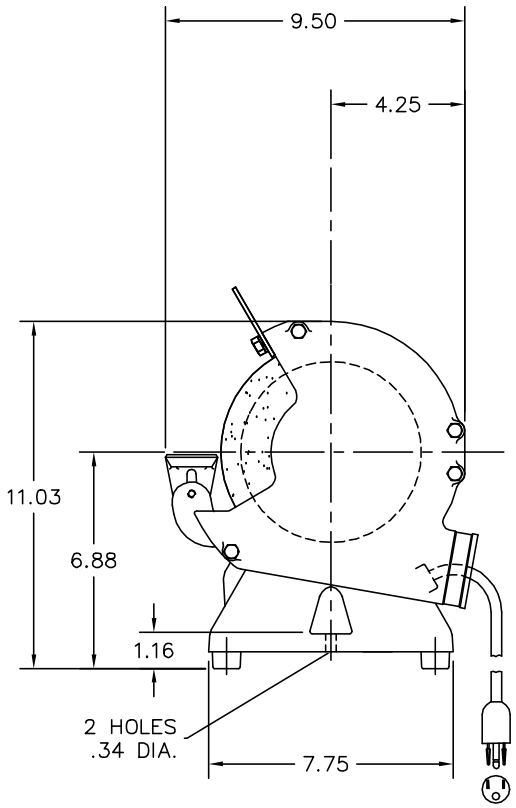
NP0235			
CAT.NO.	712RE		
HP	.5	**VOLTS**	115
PHASE	1	**AMPS**	3.4
HZ	60	**RPM**	3600
SER.NO			
SPEC.	G7-302-30		

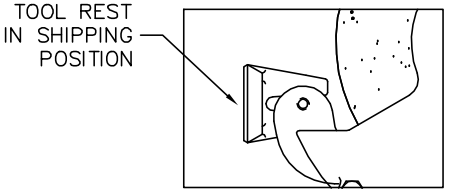
Accessories

Part number	Description	Multiplier
GA16RE	PEDESTAL LIGHT INDUSTRIAL,STEEL-RED	A8
GA14R	PEDESTAL FABRICATED STEEL W/SHELVES-RED	A8
GA16R	PEDESTAL IND., CAST IRON 6" - 10" RED	A8
B73	7" 36 GRIT GRINDING WHEEL	A8
B74	7" 60 GRIT GRINDING WHEEL	A8
GA9R	PAIR LIGHTED EYESHIELDS-RED	A8
GA9SR	PAIR LIGHTED EYESHIELD W/ON-OFF-RED	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	
DC7	DUST CONTROL UNIT	A8

G7LY0302





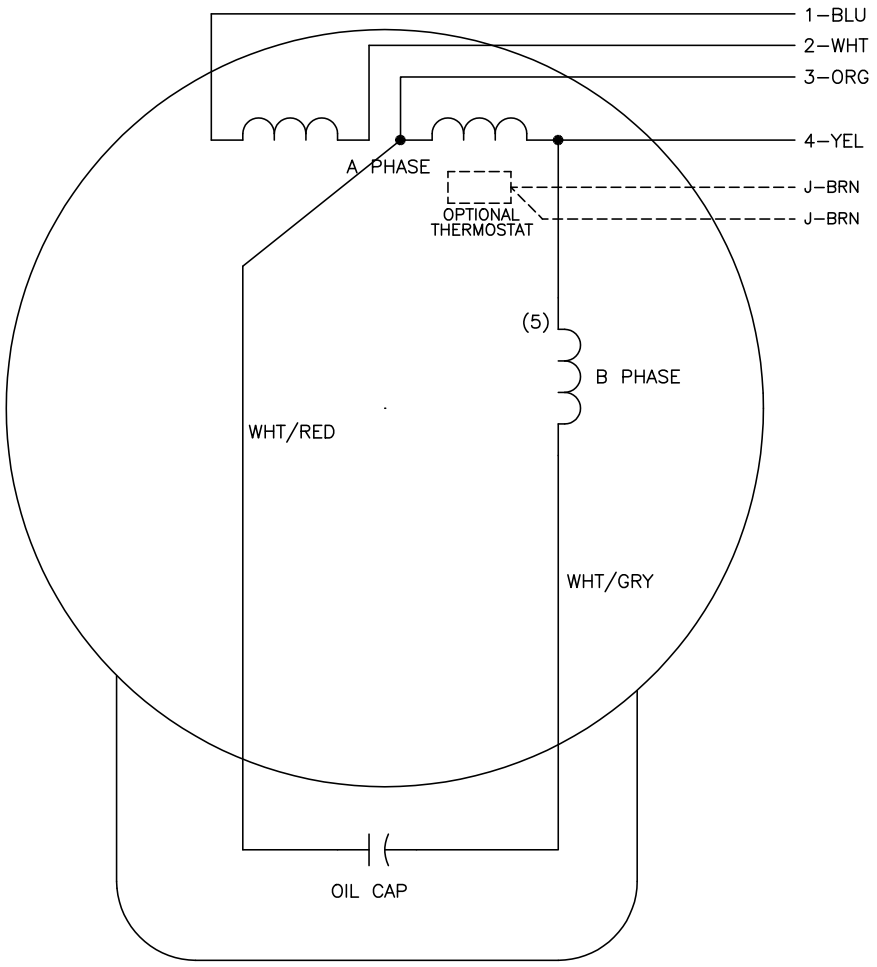


CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT MOTOR PERFORMANCE IS SUITABLE IN THE APPLICATION.

REV. DESC: ADDED TOOL REST SHIPPING POSITION VIEW			BALDOR ELECTRIC Co.
REV. LTR: D	BY: YTD	REVISED: 12:57:30 07/22/2002	TDR: 256297
G7LY0302		FILE: AAA00046340	REF: G7LY0302
		MTL: –	STD 7" UTILITY GRINDER TYPE C 115V (CAT. NO. 712RE)

G7LY0302

CD0121



	LINE A	LINE B	JOIN
HIGH	1	4	2,3
LOW	1,3	2,4	–

NOTES:

1. CONNECTIONS ARE SHOWN FOR CCW ROTATION FACING END OPPOSITE SHAFT EXTENSION (STD). FOR CW ROTATION, INTERCHANGE 5 AND 8 INTERNALLY.
2. OPTIONAL THERMOSTAT IS PROVIDED WHEN SPECIFIED.
3. MULTIPLE CAPACITORS ARE CONNECTED IN PARALLEL UNLESS OTHERWISE SPECIFIED.
4. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

REV. DESC: REVISE TO SHOW OPTIONAL COLORS			BALDOR ELECTRIC Co.
REV. LTR: C	BY: JLP	REVISED: 04/08/99 4:14	TDR: 0178636
CD0121		FILE: AAA00007480	MDL: –
		MTL: –	TYPE C, DV, FIX, 4 LEADS

CD0121