ABB BALDOR RELIANCE

# Customer information packet

## 1022WD

28C 4P GRNDR W/EXH

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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** | 1 |
| **Number of Poles** | 4 |
| | 4 |
| **Output @ Frequency** | 1.000 HP @ 60 HZ |
| **Phase** | 1 |
| | 1 |
| **Product Style** | GRINDER |
| **Shaft Diameter** | 0.875 IN |
| | 0.875 IN |
| **Speed** | 1800 rpm |
| | 1800 rpm |
| **Synchronous Speed @ Frequency** | 1800 RPM @ 60 HZ |
| **Voltage** | 115 V |
| | 230 V |
| **Voltage @ Frequency** | 230.0 V @ 60 HZ |
| | 115.0 V @ 60 HZ |
| **Agency Approvals** | UR |
| **Ambient Temperature** | 40 °C |
| **Base Indicator** | Rigid |
| **Current @ Voltage** | 5.400 A @ 115.0 V |
| | 2.700 A @ 230.0 V |
| **Design Code** | - |
| **Duty Rating** | CONT |
| **Insulation Class** | B |
| **KVA Code** | - |
| **Motor Lead Quantity/Wire Size** | 4 @ 18 AWG |
| **Motor Standards** | Other |

## Part Detail

| | |
|---|---|
| **Revision** | BB |
| **Type** | AC |
| **Mech. spec.** | G10-237 |
| **Base** | |
| **Status** | PRD/A |
| **Elec. spec.** | G0WG0002 |
| **Layout** | G0LY0237 |
| **Eff. date** | 06-27-2025 |
| **CD Diagram** | CD0279 |
| **Poles** | 04 |
| **Leads** | 4#18 SEE NOTES Y |
| **Proprietary** | False |
| **Created date** | 01-01-0001 |

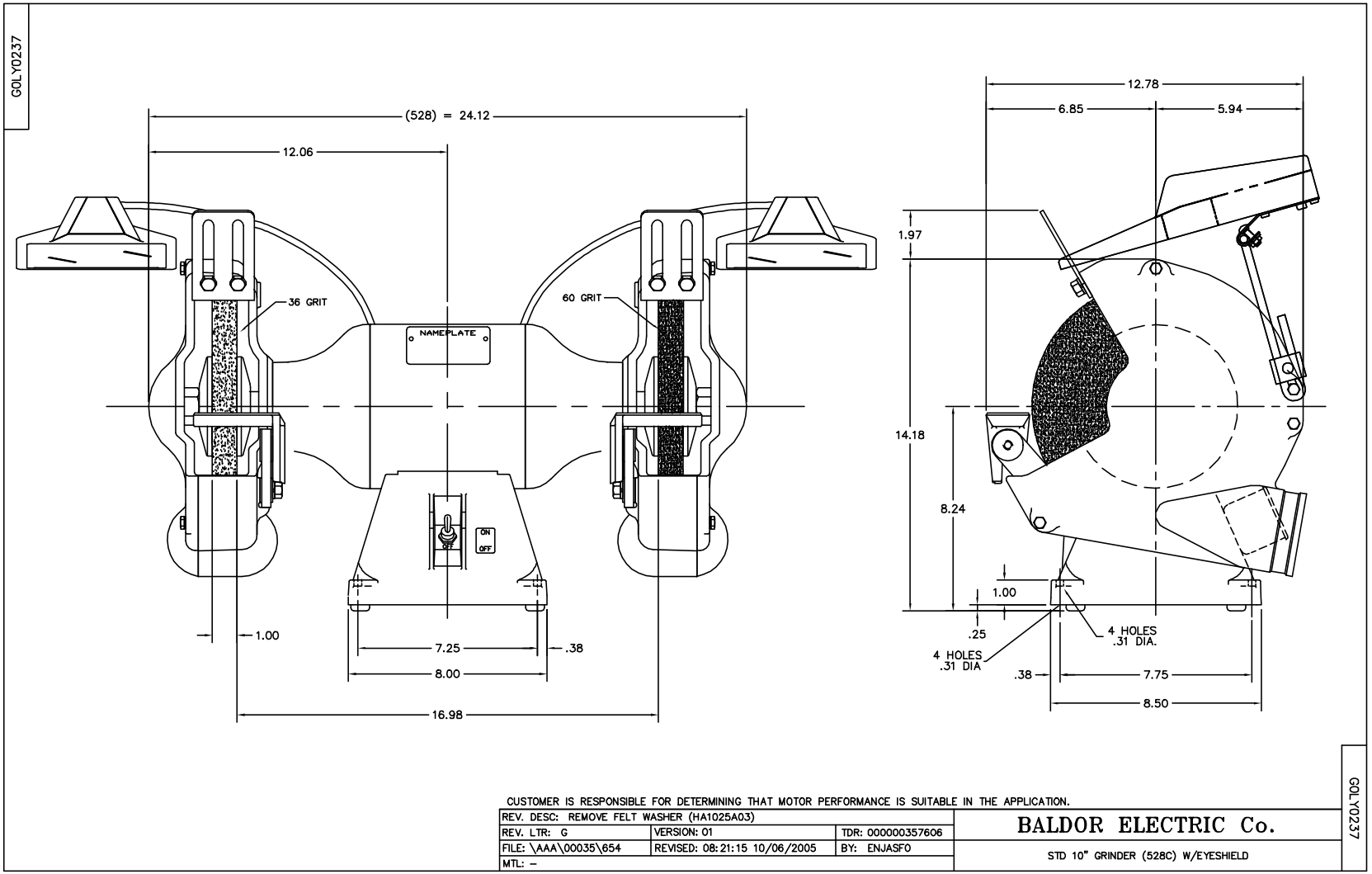
| | |
|---|---|
| **Motor Type** | 3528C |
| **Mounting Arrangement** | F1 |
| **Product Family** | Grinder |
| **Service Factor** | 1.00 |
| **Shaft Extension Location** | Double Shaft |
| **Shaft Rotation** | Fixed Opposite Standard |
| **Speed Code** | Single Speed |
| **Starting Method** | Direct on line |
| **Thermal Device - Winding** | None |
| **Winding Thermal 1** | None |
| **Winding Thermal 2** | None |

**Nameplate**

| NP3118 | | | | |
|---|---|---|---|---|
| **CAT.NO.** | 1022WD | | | |
| **HP** | 1 | **VOLTS** | 115/230 | |
| **PHASE** | 1 | **AMPS** | 9.8/4.9 | |
| **HZ** | 60 | **RPM** | 1800 | |
| **SER.NO** | | | | |
| **SPEC.** | G10-237-2 | | | |

**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 |
| B102 | 10" 36 GRIT GRINDING WHEEL | A8 |
| B103 | 10" 60 GRIT GRINDING WHEEL | A8 |
| GA9 | PAIR LIGHTED EYESHIELDS | A8 |
| GA9-1 | SINGLE LIGHTED EYESHIELD | A8 |
| GA9S | PAIR EYESHIELDS W/ ON-OFF SWITCH | A8 |
| GA11 | PAIR EYESHIELDS | A8 |
| DC10 | DUST CONTROL UNIT | 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 | |
| BQ2-015-CC | 1PH Brake,NEMA 1 208-230 VAC,50/60Hz | |
| BQ2-015-CP | 1PH Brake, Panel 208-230 VAC, 50/60 Hz | |




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

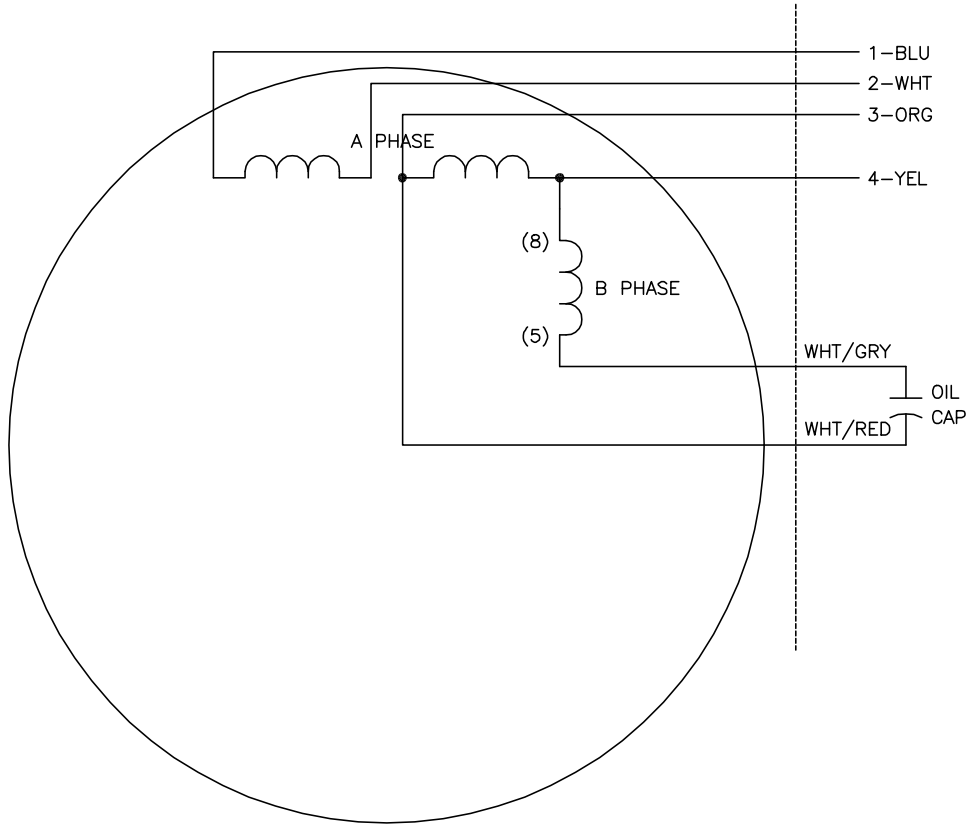
| | | |
|---|---|---|
| REV. DESC: REMOVE FELT WASHER (HA1025A03) | | |
| REV. LTR: G | VERSION: 01 | TDR: 000000357606 |
| FILE: \AAA\00035\654 | REVISED: 08:21:15 10/06/2005 | BY: ENJASFO |
| MTL: – | | |

BALDOR ELECTRIC Co.

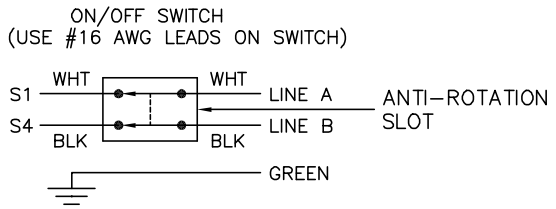
STD 10" GRINDER (528C) W/EYESHIELD

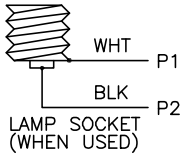
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MOTOR

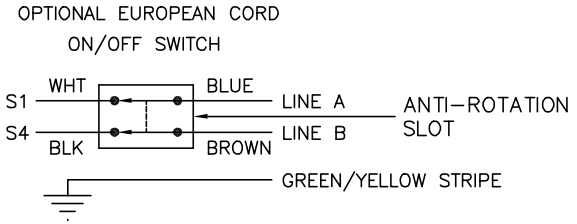



BASE




| | S1 | S4 | JOIN |
|---|---|---|---|
| HIGH | 1,P1 | 4 | 2,3,P2 |
| LOW | 1,3,P1 | 2,4,P2 | – |




NOTES:

1. CONNECTIONS ARE SHOWN FOR CW ROTATION FACING END OPPOSITE SHAFT EXTENSION (OPP STD). FOR CCW ROTATION, INTERCHANGE (5) AND (8) INTERNALLY.
2. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

| | | |
|---|---|---|
| REV. DESC: ADDED ANTI–ROTATION DETAIL TO RH SIDE OF SWITCH | | |
| REV. LTR: E | VERSION: 01 | TDR: 000000863536 |
| FILE: \AAA\00028\193 | REVISED: 09:52:27 07/23/2014 | BY: ENCHALO |
| MTL: – | | |

BALDOR

TYPE C, DV, FIX, OPT. LIGHTED EYESHIELD, GRINDER

SH 1 of 1

CD0279