### HARNESS LUG SCHEDULE

<table>
<thead>
<tr>
<th>FLG SIZE</th>
<th>LUG THK</th>
<th>TIE ROD QUANTITY 50 PSI</th>
<th>TIE ROD QUANTITY 100 PSI</th>
<th>TIE ROD QUANTITY 150 PSI</th>
<th>TIE ROD QUANTITY 200 PSI</th>
<th>TIE ROD QUANTITY 275 PSI</th>
<th>TIE ROD SIZE R&quot;B&quot;</th>
<th>Ø &quot;C&quot;</th>
<th>B.C. Ø &quot;D&quot;</th>
<th>E</th>
<th>WGT, EA. (LBS)</th>
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<tbody>
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<td>1/2</td>
<td>2</td>
<td>2</td>
<td>2</td>
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<td>2</td>
<td>5/8</td>
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<td>10.76</td>
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**NOTE:**

1. ROMAC HARNESS LUG WITH MAXIMUM CLEARANCE BETWEEN FLANGE HUB OD AND LUG RADIUS FOR MAJORITY OF THREADED DI FLANGES.
2. CUSTOMER TO VERIFY LUG CLEARANCE OVER FLANGE HUB FOR THREADED DI FLANGES. SEE DIAMETER C.
3. EACH TIE ROD REQUIRES 2 LUGS, ONE LOCATED ON THE OUTSIDE OF EACH FLANGED CONNECTION (SEE ASSEMBLY VIEW).
4. LUG MATERIAL: STEEL A36, STAINLESS A240 TYPE 304 OR 316
5. TIE ROD MATERIAL = ASTM A193 B7, (ALLOY STEEL), B8 (304 SS), OR B8M (316 SS)
6. COATING: BARE, SHOPCOAT PAINT, OR NSF 61 FUSION BONDED EPOXY, BLACK
7. 4 NUTS REQUIRED PER TIE ROD, (DOUBLE NUT CONFIGURATION.)
8. TIE RODS SOLD SEPARATELY, SPECIFY LENGTH WHEN ORDERING.

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**ASSEMBLY VIEW**

- **Ø TIE ROD** + 1/8"
- **Ø D" B.C.**
- **Ø FLANGE BOLT** + 3/16"
- **R"B" (Ø C)**
- **A, SEE NOTE 1**

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**DIMENSIONS ARE IN INCHES**

TOLERANCES ARE ON:

1 PL DECIMALS ± .060
2 PL DECIMALS ± .030
3 PL DECIMALS ± .010
ANGLES ± 1°
FRACTIONS ± 1/64

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**SIGNATURES**

DRAWN: [Signature]
CHECKED: [Signature]
APPROVAL ORGANIZATIONS: ENGINEERING

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**REVISIONS**

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**REVIEWS**

REPLACES B2591-A

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**TITLE**

HARNESS LUGS, 3"-12" STYLE 490 CLS D & E, 125/150 HIGH HUB CLEARANCE

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**DRAWING FILE NAME:** B3305 HARNESS LUG 3-12 CLS D E, HIGH HUB CLEARANCE, STYLE 490 ASSEMBLY