**Third Angle Projection**

**Dimensional Units**

**INCH**

**Modeled:**

**Drawn:**

**Approved:**

**Original Scale:**

**Original project:**

**Design Authority:**

**Format**

**Number:**

**By**

**Date**

**Description of change**

**Rev.**

**ECN**

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**FLANGE ADJUSTMENT RANGES**

- 3.78" - 5.78"
- 5.78" - 7.78"
- 7.78" - 9.78"
- 9.78" - 12.78"
- 12.78" - 15.78"
- 15.78" - 17.78"
- 17.78" - 19.78"

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**DIMENSIONAL DATA**

<table>
<thead>
<tr>
<th>B</th>
<th>33.55 INCH</th>
</tr>
</thead>
<tbody>
<tr>
<td>C</td>
<td>19.27 INCH</td>
</tr>
<tr>
<td>H</td>
<td>24.13 INCH</td>
</tr>
<tr>
<td>E</td>
<td>24.70 INCH</td>
</tr>
<tr>
<td>Q</td>
<td>13.53 INCH</td>
</tr>
<tr>
<td>W</td>
<td>26.50 INCH</td>
</tr>
<tr>
<td>WTD</td>
<td>3.94 INCH</td>
</tr>
<tr>
<td>W2</td>
<td>3.96 INCH</td>
</tr>
<tr>
<td>H</td>
<td>46.39 INCH</td>
</tr>
<tr>
<td>H1</td>
<td>3.54 INCH</td>
</tr>
<tr>
<td>HE</td>
<td>5.08 INCH</td>
</tr>
<tr>
<td>XB</td>
<td>1.54 INCH</td>
</tr>
<tr>
<td>AP</td>
<td>13.23 INCH</td>
</tr>
<tr>
<td>AO</td>
<td>14.45 INCH</td>
</tr>
</tbody>
</table>

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**NOTE:**

* Dimensions B, C, E, and W are shown for a beam flange with 8.0 inches. These dimensions are measured from car models and considered as approximate values.

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**TECHNICAL DATA**

- **Hoist Platform:** On Wire Rope Hoist
- **Hoist Model Number:** YKB-L03-066S231-2
- **Rated Lift Capacity:** 3 TON
- **Actual Lift Distance:** 66 FT (20 M)
- **Maximum Lifting Speed:** 31 FT/MIN (9.4 M/MIN)
- **Reeving Style:** Two-Speed
- **Hoist Suspension Type:** Underslung Motorized Trolley
- **Trolley Traverse Speed:** 80 FT/MIN (24.36 M/MIN)
- **Trolley Control Type:** Two-Speed
- **Trolley Bumpers:** Included
- **Hoist Duty Classification:** NM/MS
- **Operating Voltage:** 460V/3PH/60Hz
- **Control Voltage:** 120VAC
- **Hoist Motor (Main) HP:** 7.50
- **Trolley Motor HP:** 0.6
- **Base Weight of Hoist (lbs):** 797.73

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**CLEARANCE DIAGRAM**

3 TON 66 FT LIFT S2 REEVIING 31 FT/MIN

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