**Third Angle Projection**

**Dimensional Units**

<table>
<thead>
<tr>
<th>INCH</th>
</tr>
</thead>
</table>

**Modeled:**

**Drawn:**

**Approved:**

**Original Scale:**

**Original Project:**

**Design Authority:**

**Format**

**Number:**

**By**

**Date**

**Description of change**

**Rev.**

**ECN**

**CLEARANCE DIAGRAM**

7.5 TON 20 FT LIFT S4 REEVING 20 FT/MIN

**DESCRIPTION**

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**DIMENSIONAL DATA**

<table>
<thead>
<tr>
<th><strong>B</strong></th>
<th>20.63 INCH</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C</strong></td>
<td>20.54 INCH</td>
</tr>
<tr>
<td><strong>D</strong></td>
<td>22.83 INCH</td>
</tr>
<tr>
<td><strong>E</strong></td>
<td>3.08 INCH</td>
</tr>
<tr>
<td><strong>G</strong></td>
<td>15.97 INCH</td>
</tr>
<tr>
<td><strong>W</strong></td>
<td>28.20 INCH</td>
</tr>
<tr>
<td><strong>WT</strong></td>
<td>5.51 INCH</td>
</tr>
<tr>
<td><strong>WII</strong></td>
<td>24.61 INCH</td>
</tr>
<tr>
<td><strong>H</strong></td>
<td>33.09 INCH</td>
</tr>
<tr>
<td><strong>HE</strong></td>
<td>4.65 INCH</td>
</tr>
<tr>
<td><strong>HE</strong></td>
<td>6.73 INCH</td>
</tr>
<tr>
<td><strong>XB</strong></td>
<td>1.46 INCH</td>
</tr>
<tr>
<td><strong>AP</strong></td>
<td>2.64 INCH</td>
</tr>
<tr>
<td><strong>AO</strong></td>
<td>4.65 INCH</td>
</tr>
</tbody>
</table>

**TECHNICAL DATA**

- **HOIST PLATFORM:** 20 TON REEVING WIRE ROPE
- **HOIST MODEL NUMBER:** YKC-L07-020S420-2
- **RATED LIFT CAPACITY:** 75 USTON
- **ACTUAL LIFT DISTANCE:** 25 FT (7.6 M)
- **MAXIMUM LIFTING SPEED:** 20 FT/Min (6.1 M/Min)
- **REEVING STYLE:** 4-PART SINGLE-REEVED
- **HOIST CONTROL TYPE:** TWO-SPEED
- **HOIST SUSPENSION TYPE:** UNREELING MOTORIZED TROLLEY
- **TROLLEY TRAVERSE SPEED:** 80 FT/Min (24.38 M/Min)
- **TROLLEY CONTROL TYPE:** TWO-SPEED
- **TROLLEY BUMPERS:** INCLUDED
- **HOIST DUTY CLASSIFICATION:** H4+/M6
- **OPERATING VOLTAGE:** 460V/3PH/60HZ
- **CONTROL VOLTAGE:** 220VAC
- **HOIST MOTOR (MP) HP:** 4.88
- **TROLLEY MOTOR HP:** 0.9
- **TROLLEY MOTOR QTY:** 3
- **BASE WEIGHT OF HOIST (LBS):** 864.82

**NOTE:**

- DIMENSIONS B, E, AND W ARE SHOWN FOR A BEAM FLANGE WIDTH 8.00 INCHES. THESE DIMENSIONS ARE MEASURED FROM CAR MODELS AND CONSIDERED AS APPROXIMATE VALUES.