Compensating Rope Tension Sheave Assembly

The Hollister-Whitney Compensating Rope Tension Sheave Assembly is designed to provide tension to the compensation ropes and guide them as the elevator travels. This helps ensure that the compensation ropes run smooth. This assembly is available in both single sheave and twin sheave configurations. The twin sheave model can be customized for larger rope spans and additional weight racks can be added on some configurations for additional tension if needed.

Features
- Polyethylene Guide Shoe Inserts
- Sealed Sheave Bearings
- Rope Retainers
- Adjustable Weight Racks
- Debris Guards
- Compensating Rope Sheave Switch
- Working Travel up to 12 inches
- Adjustable Switch Flag

Ratings
- Speeds up to 700 ft/min
- Minimum Pitch Diameter of 32 times the rope diameter
- Maximum 3 inches rope pull off or pull in from sheave
- Rated for use in seismic zones
**Compensating Rope Tension Sheave Assembly**

### Single Sheave

<table>
<thead>
<tr>
<th>Model</th>
<th>Pitch Diameter of Sheave (inches)</th>
<th>Max Sheave Width (inches)</th>
<th>Approximate Shipping Weight (lbs)</th>
<th>Approximate Hanging Weight (lbs)</th>
<th>Nominal Distance Between Ropes (inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>346-008B</td>
<td>20</td>
<td>7.25</td>
<td>1600</td>
<td>1150</td>
<td>20</td>
</tr>
<tr>
<td>346-093B</td>
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<td>8.5</td>
<td>1800</td>
<td>1350</td>
<td>25</td>
</tr>
<tr>
<td>346-087B</td>
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<td>1900</td>
<td>1450</td>
<td>26</td>
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<td>346-091B</td>
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<td>1950</td>
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</table>

### Twin Sheave

<table>
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<th>Model</th>
<th>Pitch Diameter of Sheave (inches)</th>
<th>Max Sheave Width (inches)</th>
<th>Approximate Shipping Weight (lbs)</th>
<th>Approximate Hanging Weight (lbs)</th>
<th>Nominal Distance Between Ropes (inches)</th>
</tr>
</thead>
<tbody>
<tr>
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</tbody>
</table>

*Model 347 weights assume nominal distance between ropes with no additional weight racks*

### Dimensions (inches):

- **Model 346:**
  - Pitch Diameter of Sheave (inches): 20
  - Max Sheave Width (inches): 7.25
  - Approximate Shipping Weight (lbs): 1600
  - Approximate Hanging Weight (lbs): 1150
  - Nominal Distance Between Ropes (inches): 20

- **Model 347:**
  - Pitch Diameter of Sheave (inches): 20
  - Max Sheave Width (inches): 7.25
  - Approximate Shipping Weight (lbs): 2100
  - Approximate Hanging Weight (lbs): 1650
  - Nominal Distance Between Ropes (inches): 41

### Mounting Layout (inches):

- **Model 346:**
  - 5/8" HARDWARE
  - 14 1/2
  - 20 5/16

- **Model 347:**
  - 5/8" HARDWARE
  - 14 1/2
  - 20 5/16