### STANDARD ABC ELEVATOR SPECIFICATIONS

<table>
<thead>
<tr>
<th>SIZES</th>
<th>CASING SIZES (in.)</th>
<th>BELT SPEED (fpm)</th>
<th>TPH based upon 100 pct</th>
<th>BUCKET SPACING (in.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 X 4</td>
<td>12 X 40</td>
<td>240</td>
<td>320</td>
<td>13</td>
</tr>
<tr>
<td>8 X 5</td>
<td>14 X 42</td>
<td>260</td>
<td>640</td>
<td>16</td>
</tr>
<tr>
<td>10 X 6</td>
<td>16 X 48</td>
<td>270</td>
<td>1080</td>
<td>16</td>
</tr>
<tr>
<td>12 X 7</td>
<td>18 X 54</td>
<td>320</td>
<td>1780</td>
<td>18</td>
</tr>
<tr>
<td>14 X 7</td>
<td>20 X 54</td>
<td>315</td>
<td>2160</td>
<td>18</td>
</tr>
<tr>
<td>16 X 8</td>
<td>24 X 56</td>
<td>315</td>
<td>3200</td>
<td>18</td>
</tr>
</tbody>
</table>

Note: Above Sizes Represent Single Row Elevators. For sizes not listed above, contact ABC Sales Dept.

### Customer Information:
- Contact’s Name: 
- Project Address: 
- Phone Number: 
- Fax Number: 
- Email Address: 

### Material Information:
- Material Name: 
- Material Bulk Density: lbs./cuft.
- Material Temperature: avg./max.
- Minus 200 mesh: %
- Material Size Range: in.
- Material Feed Rate: tph, cuft./hr.
- Material % Moisture: 
- Material Characteristics: 
- Operating Hours Per Day: hrs/day
- Additional Information: 

### Elevator Information:
- Class III Drive (Y/N): 
- Total Lift: ft.
- Service Platform (Y/N): 
- Access Caged Ladder (Y/N): ft.
- Electric Hoist/Push Trolley (Y/N): lb. cap.
- Alignment Switches (Y/N): # of pairs
- Digger, etc. Buckets (Y/N): quantity
- Liner Type (in.): (AR steel, UHMW, etc.)
- Additional Inspection Doors: quantity
- Explosion Proof Motor/Switches (Y/N): 
- Paint Specifications: (n.a., enamel, epoxy)
- Stainless Housing (Y/N): 
- Sample Tray (Y/N): 
- Tail Clean Out Shelf (Y/N): 

### Standard Equipment:
- TEC Electric Motors
- Horsepower Range 1hp to 150 hp
- Shaft Mounted Class II Reducers
- Externally Mounted Pillow Block Bearings
- Crowned Faced Lagged Drive Pulley
- Wing Type Tail Pulley with Screw Take-up
- Rubber Elevator Belting
- Removable Dust Hood
- Removable Access at Tail Pulley
- Casing Thickness Varies from 11ga. To .375 in.
- Casing Housing Stiffeners Every 5 Foot
- Bolted 20 Foot Intermediate Sections
- 8 Foot Tail Tail (Boot) Section
- Inspection Doors at Head and Tail Sections
- Clean Out Access at Base of Tail Section
- Bolted Cover at Feed Chute
- Speed Sensor Located on Tail Pulley Shaft
- Style AA Nylon Buckets
- ABC Mounted Buckets to Belting

### Optional Equipment:
- Abrasion Resistant Liners (Feed and Discharge)
- Class III Drives
- Double Row Configuration
- Caged Access Ladders with Landings
- Service Platform at Drive End
- Service Winch and Trolley System
- Additional Inspection Doors for Sampling
- Belt Alignment Switches
- Contoured Tail Clean Out Shelf
- Epoxy Paint System
- Stainless Housing and Liners
- Explosion Proof Electrical Motors and Components
- Digger Style Buckets

### Typical Applications:
Industrial Sands, Limestone, Sand Gravel, Ores, Coal, Fine Powders, Granules, Flakes, Sugar, Peanuts, Rice, etc.
Bucket Elevator Worksheet