The wheel loads listed are only a guideline. The max. wheel load listed is based on the structural integrity of the frame and load placement, and it does not take into account permissible wheel loading or bearing life. Load placement is assumed at the center of each truck.

The permissible dynamic wheel load listed is based on assumptions that the bridge speed is 40 mm/s [130 fpm], end truck duty is Fem 2m, and the runway rail is as listed. The actual wheel load should not exceed the permissible wheel load. If the permissible dynamic wheel load is greater than the maximum dyn wheel load, then the actual wheel load cannot exceed maximum dyn wheel load.

Dynamic wheel load = 1.15 x static wheel load

<table>
<thead>
<tr>
<th>Wheelbase</th>
<th>SS</th>
<th>Max dyn whl load</th>
<th>Permissible dyn whl load, (kN)</th>
<th>Approx Wt./Trk, kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>code</td>
<td>(mm)</td>
<td>(kN)</td>
<td>ASCE 40</td>
<td>ASCE 60</td>
</tr>
<tr>
<td>14</td>
<td>1400</td>
<td>253</td>
<td>112</td>
<td>150</td>
</tr>
<tr>
<td>16</td>
<td>1600</td>
<td>253</td>
<td>112</td>
<td>150</td>
</tr>
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</tr>
<tr>
<td>20</td>
<td>2000</td>
<td>253</td>
<td>112</td>
<td>150</td>
</tr>
</tbody>
</table>

Minimum wheelbase with K9 joint plate is 1600 mm.

Joint plate code:
- =1WD, D=2WD (Number of driving wheels/truck)
- =std, B=boogie
Type of end carriage

Buffer type
- =std, B=bogie

Wheel groove = UU, mm
Wheel base = SS, mm

B, C, D rubber
E, F, H, I, M, P, S, T, Y polyurethane

N=standard, E=Special
prime paint, color code
(not in use with RTN32)