Heavy-Duty Module

Technical Data Sheet:

- longitudinally and laterally combinable bogie module
- box-shaped center frame with integrated air tanks
- high point load capacity on center frame and closed chassis outer fields
- in front and at rear bolt-ear-coupling for longitudinal combinations
- pendular wheelsets mounted onto the chassis by means of ball bearing slewing rings
- hydrostatic drive integrated into the wheel set
- tires 215/75 R 17.5 (8 per axle line)
- hydraulic axle stroke +/- 300 mm
- hydro-pneumatic gas accumulator suspension
- hose rupture safety valves on all wheelsets
- hydro-mechanic two-circuit all-wheel force steering integrated into the chassis
- maximum steering angle +/- 55° in all driving heights
- counter-steering with two pairs of steering cylinders integrated into the chassis
- two-line all-wheel air brake and spring-loaded parking brake
- complete fourfold piping for optimum module combinability

<table>
<thead>
<tr>
<th>Speed (km/h)</th>
<th>Axle load (kg)</th>
<th>Net weight (kg)</th>
<th>Payload (kg)</th>
<th>Tractive force (kN)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5</td>
<td>45.000</td>
<td>23.400</td>
<td>246.600</td>
<td>640</td>
</tr>
<tr>
<td>1</td>
<td>42.200</td>
<td>23.400</td>
<td>229.800</td>
<td>640</td>
</tr>
<tr>
<td>5</td>
<td>36.600</td>
<td>23.400</td>
<td>196.200</td>
<td>640</td>
</tr>
<tr>
<td>10</td>
<td>31.400</td>
<td>23.400</td>
<td>165.000</td>
<td>640</td>
</tr>
<tr>
<td>15</td>
<td>28.700</td>
<td>23.400</td>
<td>148.800</td>
<td>640</td>
</tr>
</tbody>
</table>