TECHNICAL DATA

SINGLE DRUM ROLLERS
BW 216 D-40, BW 216 PD-40
Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
<th>O1</th>
<th>O2</th>
<th>S</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>BW 216 D-40</td>
<td>2960</td>
<td>2300</td>
<td>1500</td>
<td>2268</td>
<td>2985</td>
<td>490</td>
<td>5930</td>
<td>85</td>
<td>85</td>
<td>35</td>
<td>2130</td>
</tr>
<tr>
<td>BW 216 PD-40</td>
<td>2960</td>
<td>2300</td>
<td>1480</td>
<td>2268</td>
<td>2985</td>
<td>490</td>
<td>5930</td>
<td>85</td>
<td>85</td>
<td>25</td>
<td>2130</td>
</tr>
</tbody>
</table>

Shipping dimensions in m³

<table>
<thead>
<tr>
<th></th>
<th>without ROPS</th>
<th>with ROPS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BW 216 D-40</td>
<td>30,933</td>
<td>40,712</td>
</tr>
<tr>
<td>BW 216 PD-40</td>
<td>30,933</td>
<td>40,712</td>
</tr>
</tbody>
</table>

Machine type | Compaction output (m³/h)
---|---
|       | Rock fill | Gravel, sand | Mixed soil | Silt, clay |
| BW 216 D-40 | 650-1200 | 450-920 | 340-680 | 210-420 |
| BW 216 PD-40 | 650-1200 | 450-920 | 340-680 | 250-500 |

Machine type | Compacted layer thickness (m)
---|---
|       | Rock fill | Gravel, sand | Mixed soil | Silt, clay |
| BW 216 D-40 | 1,10 | 0,75 | 0,55 | 0,30 |
| BW 216 PD-40 | 1,10 | 0,75 | 0,55 | 0,35 |
## Technical Data

### Weights

<table>
<thead>
<tr>
<th></th>
<th>BOMAG BW 216 D-40</th>
<th>BOMAG BW 216 PD-40</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gross weight</td>
<td>17.100 kg</td>
<td>16.400 kg</td>
</tr>
<tr>
<td>Max. axle load, drum</td>
<td>11.700 kg</td>
<td>11.000 kg</td>
</tr>
<tr>
<td>Max. axle load, wheels</td>
<td>5.400 kg</td>
<td>5.400 kg</td>
</tr>
<tr>
<td>Operating weight</td>
<td>15.200 kg</td>
<td>15.700 kg</td>
</tr>
<tr>
<td>Axle load, drum / wheels</td>
<td>10.200/5.000 kg</td>
<td>10.700/5.000 kg</td>
</tr>
<tr>
<td>Static linear load</td>
<td>47.9 kg/cm</td>
<td>54.9 kg/cm</td>
</tr>
<tr>
<td>Max. static linear load</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Dimensions

<table>
<thead>
<tr>
<th></th>
<th>mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Track radius, inner</td>
<td>3.494</td>
</tr>
</tbody>
</table>

### Driving Characteristics

<table>
<thead>
<tr>
<th></th>
<th>km/h</th>
<th>km/h</th>
<th>km/h</th>
<th>km/h</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speed (1)</td>
<td>0-4.0</td>
<td>0-4.0</td>
<td></td>
<td></td>
<td>48/45</td>
</tr>
<tr>
<td>Speed (2)</td>
<td>0-5.0</td>
<td>0-5.0</td>
<td></td>
<td></td>
<td>50/47</td>
</tr>
<tr>
<td>Speed (3)</td>
<td>0-7.0</td>
<td>0-7.0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Speed (4)</td>
<td>0-11.0</td>
<td>0-11.0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Max. gradeability</td>
<td>48/45</td>
<td>50/47</td>
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</tr>
</tbody>
</table>

### Drive

<table>
<thead>
<tr>
<th></th>
<th>Deutz BF4M 1013 EC</th>
<th>Deutz BF4M 1013 EC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine manufacturer</td>
<td>Deutz</td>
<td>Deutz</td>
</tr>
<tr>
<td>Type</td>
<td>BF4M 1013 EC</td>
<td>BF4M 1013 EC</td>
</tr>
<tr>
<td>Emission stage</td>
<td>Stage II / TIER2</td>
<td>Stage II / TIER2</td>
</tr>
<tr>
<td>Cooling</td>
<td>water</td>
<td>water</td>
</tr>
<tr>
<td>Number of cylinders</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Performance ISO 3046</td>
<td>114.0</td>
<td>114.0</td>
</tr>
<tr>
<td>Performance SAE J 1995</td>
<td>153.0</td>
<td>153.0</td>
</tr>
<tr>
<td>Speed</td>
<td>2.200 min-1</td>
<td>2.200 min-1</td>
</tr>
<tr>
<td>Fuel</td>
<td>Diesel</td>
<td>Diesel</td>
</tr>
<tr>
<td>Electric equipment</td>
<td>12 V</td>
<td>12 V</td>
</tr>
<tr>
<td>Drive system</td>
<td>hydrost.</td>
<td>hydrost.</td>
</tr>
<tr>
<td>Drum driven</td>
<td>standard</td>
<td>standard</td>
</tr>
</tbody>
</table>

### Drums and Tyres

<table>
<thead>
<tr>
<th></th>
<th>23.1-26/12PR</th>
<th>23.1-26/12PR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tyre size</td>
<td>23.1-26/12PR</td>
<td>23.1-26/12PR</td>
</tr>
<tr>
<td>Number of pad feet</td>
<td>150</td>
<td>150</td>
</tr>
<tr>
<td>Height of pad feet</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>Area of one pad foot</td>
<td>137 cm²</td>
<td>137 cm²</td>
</tr>
</tbody>
</table>

### Brakes

<table>
<thead>
<tr>
<th></th>
<th>hydrost.</th>
<th>hydrost.</th>
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</thead>
<tbody>
<tr>
<td>Service brake</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Parking brake</td>
<td>hydromec.</td>
<td>hydromec.</td>
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</tbody>
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### Steering

<table>
<thead>
<tr>
<th></th>
<th>oscill.art.</th>
<th>oscill.art.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steering system</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Steering method</td>
<td>hydrost.</td>
<td>hydrost.</td>
</tr>
<tr>
<td>Steering / oscillating angle</td>
<td>35/12 grad</td>
<td>35/12 grad</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
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</table>

### Exciter system

<table>
<thead>
<tr>
<th></th>
<th>hydrost.</th>
<th>hydrost.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drive system</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Frequency</td>
<td>30/36 Hz</td>
<td>30/36 Hz</td>
</tr>
<tr>
<td>Amplitude</td>
<td>1.80/0.90 mm</td>
<td>1.70/0.86 mm</td>
</tr>
<tr>
<td>Centrifugal force</td>
<td>275/202 kN</td>
<td>275/202 kN</td>
</tr>
<tr>
<td>Centrifugal force</td>
<td>28,1/20,6 t</td>
<td>28,1/20,6 t</td>
</tr>
</tbody>
</table>

### Capacities

<table>
<thead>
<tr>
<th></th>
<th>l</th>
<th>l</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel</td>
<td>250,0</td>
<td>250,0</td>
</tr>
</tbody>
</table>

Technical modifications reserved. Machines may be shown with options.
### Standard Equipment
- Warning, information and operation displays with round gauge
- Hydrostatic travel and vibration drive
- Hydrostatic articulated steering
- Articulated joint lock
- Rear axle with twin spring accumulator brakes
- Self locking differential
- Warning horn
- Single lever control for travel and vibration
- Scrapers (2x)
- Emergency STOP
- Back-up warning system
- Operator seat
- Maintenance-free articulated joint

### Optional Equipment
- ROPS/FOPS cabin with seat belts
- Working lights front / rear
- ROPS/FOPS with safety belt
- Comfort driver's seat
- Rotary beacon
- Indicator and hazard lights
- Padfoot segment kit (D)
- Contact scrapers (2x)
- ECONOMIZER
- BOMAG Evib-Meter (BEM)
- Special painting
- Air condition
- Sun roof
- Radio (Bluetooth)
- BOMAP