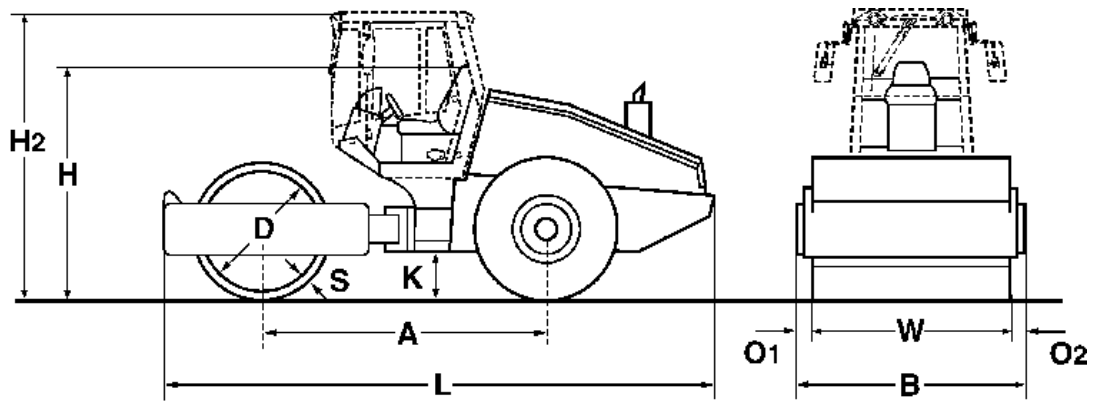


TECHNICAL DATA

SINGLE DRUM ROLLERS

BW 211 D-40, BW 211 PD-40





Dimensions in mm

| | A | B | D | H | H2 | K | L | O1 | O2 | S | W |
|---------------------|------|------|------|------|------|-----|------|----|----|----|------|
| BW 211 D-40 | 2960 | 2250 | 1500 | 2268 | 2985 | 490 | 5840 | 60 | 60 | 25 | 2130 |
| BW 211 PD-40 | 2960 | 2250 | 1480 | 2268 | 2985 | 490 | 5840 | 60 | 60 | 25 | 2130 |

Shipping dimensions in m3

BW 211 D-40
BW 211 PD-40

without ROPS

29,802
 29,802

with ROPS

39,223
 39,223

| Machine type | Compaction output (m3/h) | | | |
|--------------|--------------------------|--------------|------------|------------|
| | Rock fill | Gravel, sand | Mixed soil | Silt, clay |
| BW 211 D-40 | 400-800 | 270-540 | 220-440 | 110-220 |
| BW 211 PD-40 | 400-800 | 270-540 | 220-440 | 160-320 |

| Machine type | Compacted layer thickness (m) | | | |
|--------------|-------------------------------|--------------|------------|------------|
| | Rock fill | Gravel, sand | Mixed soil | Silt, clay |
| BW 211 D-40 | 0,70 | 0,50 | 0,40 | 0,20 |
| BW 211 PD-40 | 0,70 | 0,50 | 0,40 | 0,25 |

Technical Data**BOMAG
BW 211 D-40****BOMAG
BW 211 PD-40****Weights**

| | | | |
|------------------------------------|-------|--------|--------|
| Grossweight | kg | 13.000 | 12.620 |
| Max. axle load, drum CECE | kg | 8.050 | 7.670 |
| Max. axle load, wheels CECE | kg | 4.950 | 4.950 |
| Operating weight CECE | kg | 9.500 | 11.350 |
| Axle load, drum CECE | kg | 5.750 | 6.750 |
| Axle load, wheels CECE | kg | 3.750 | 4.600 |
| Static linear load CECE | kg/cm | 27,0 | |
| Max. static linear load CECE | kg/cm | 37,8 | |

Dimensions

| | | | |
|---------------------------|----|-------|-------|
| Working width | mm | 2.130 | 2.130 |
| Track radius, inner | mm | 3.494 | 3.494 |

Driving Characteristics

| | | | |
|---|------|---------|---------|
| Speed (1) | km/h | 0- 6,0 | 0- 6,0 |
| Speed (2) | km/h | 0- 10,0 | 0- 10,0 |
| Max. gradeability without/with vibr. | % | 45/43 | 49/46 |

Drive

| | | | |
|------------------------------|-------|------------------|------------------|
| Engine manufacturer | | Deutz | Deutz |
| Type | | BF4M 2012 C | BF4M 2012 C |
| Emission stage | | Stage II / TIER2 | Stage II / TIER2 |
| Cooling | | water | water |
| Number of cylinders | | 4 | 4 |
| Performance ISO 3046 | kW | 98,0 | 98,0 |
| Performance SAE J 1995 | hp | 132,0 | 132,0 |
| Speed | min-1 | 2.300 | 2.300 |
| Fuel | | diesel | diesel |
| Electric equipment | V | 12 | 12 |
| Drive system | | hydrost. | hydrost. |
| Drum driven | | standard | standard |

Drums and Tyres

| | | | |
|----------------------------|-----|--------------|--------------|
| Tyre size | | 23.1-26/12PR | 23.1-26/12PR |
| Number of pad feet | | | 150 |
| Height of pad feet | mm | | 100 |
| Area of one pad foot | cm2 | | 137 |

Brakes

| | | | |
|---------------------|--|-----------|-----------|
| Service brake | | hydrost. | hydrost. |
| Parking brake | | hydromec. | hydromec. |

Steering

| | | | |
|--|------|--------------|--------------|
| Steering system | | oscil.artic. | oscil.artic. |
| Steering method | | hydrost. | hydrost. |
| Steering / oscillating angle +/- | grad | 35/12 | 35/12 |

Exciter system

| | | | |
|-------------------------|----|-----------|-----------|
| Drive system | | hydrost. | hydrost. |
| Frequency | Hz | 30/36 | 30/36 |
| Amplitude | mm | 1,80/0,95 | 1,70/0,86 |
| Centrifugal force | kN | 236/170 | 275/202 |
| Centrifugal force | t | 24,1/17,3 | 28,1/20,6 |

Capacities

| | | | |
|------------|---|-------|-------|
| Fuel | l | 250,0 | 250,0 |
|------------|---|-------|-------|

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
- No-Spin differential lock
- Warning horn
- Single lever control for travel and vibration
- Scrapers
- Emergency STOP
- Back-up warning system
- Operator seat

Optional Equipment

- ROPS/FOPS cabin with seat belts
- Working lights front / rear
- ROPS/FOPS with safety belt
- Comfort driver's seat
- Rotary beacon
- Padfoot segment kit (D)
- Contact scrapers
- ECONOMIZER
- BOMAG Evib-Meter (BEM)
- TERRAMETER BTM prof
- BCM 05 Documentation system
- Special painting
- Air condition
- Ballast front (700kg)
- Sun roof
- Warning, information and operation displays
- Radio (Bluetooth)
- Increased amplitude (2,2mm; 1,1mm)

