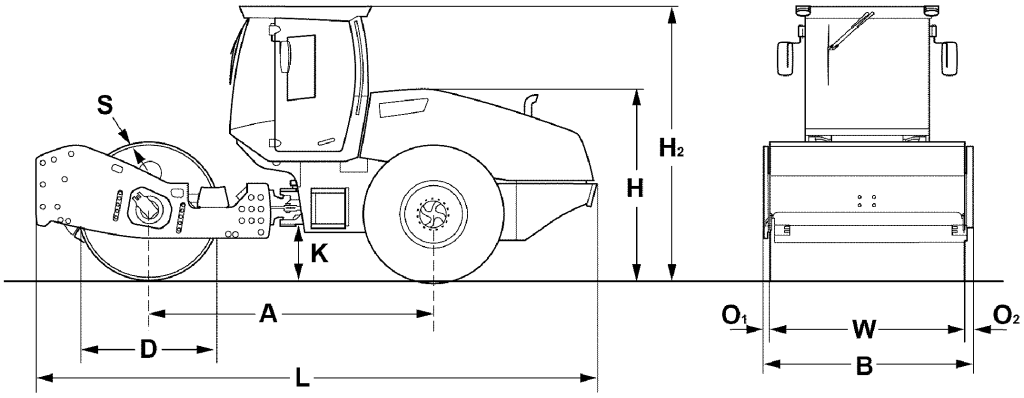
# TECHNICAL DATA

SINGLE DRUM ROLLERS

BW 216 D-5 SL, BW 216 PD-5 SL






## Dimensions in mm

| | A | B | D | H | H2 | K | L | O1 | O2 | S | W |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **BW 216 D-5 SL** | 3113 | 2300 | 1500 | 2240 | 3053 | 530 | 6215 | 85 | 85 | 35 | 2130 |
| **BW 216 PD-5 SL** | 3113 | 2300 | 1480 | 2240 | 3053 | 530 | 6215 | 85 | 85 | 25 | 2130 |

| **Shipping dimensions in m3** | **without ROPS** | **with ROPS** |
|---|---|---|
| **BW 216 D-5 SL** | 32,020 | 43,641 |
| **BW 216 PD-5 SL** | 32,020 | 43,641 |

| **Machine type** | **Compaction output (m3/h)** | | | |
|---|---|---|---|---|
| | **Rock fill** | **Gravel, sand** | **Mixed soil** | **Silt, clay** |
| BW 216 D-5 SL | 650-1200 | 450-920 | 340-680 | 210-420 |
| BW 216 PD-5 SL | 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-5 SL | 1,10 | 0,75 | 0,55 | 0,30 |
| BW 216 PD-5 SL | 1,10 | 0,75 | 0,55 | 0,35 |

| Technical Data | | BOMAG BW 216 D-5 SL | BOMAG BW 216 PD-5 SL |
|---|---|---|---|
| **Weights** | | | |
| Grossweight | kg | 17.170 | 16.070 |
| Operating weight | kg | 14.850 | 15.400 |
| Operating weight CECE w. ROPS-cabin | kg | 15.360 | 15.910 |
| Axle load, drum CECE | kg | 10.690 | 11.240 |
| Axle load, wheels CECE | kg | 4.670 | 4.670 |
| Static linear load CECE | kg/cm | 50,2 | |
| **Dimensions** | | | |
| Working width | mm | 2.130 | 2.130 |
| Track radius, inner | mm | 3.874 | 3.874 |
| **Driving Characteristics** | | | |
| Speed (1) | km/h | 0- 3,5 | 0- 3,5 |
| Speed (2) | km/h | 0- 4,5 | 0- 4,5 |
| Speed (3) | km/h | 0- 6,5 | 0- 6,5 |
| Speed (4) | km/h | 0- 11,0 | 0- 11,0 |
| Max. gradeability without/with vibr. | % | 45/43 | 45/43 |
| **Drive** | | | |
| Engine manufacturer | | Deutz | Deutz |
| Engine type | | TCD 2013 L04 | TCD 2013 L04 |
| Emission stage | | Stage IIIa / TIER3 | Stage IIIa / TIER3 |
| Cooling | | water | water |
| Number of cylinders | | 4 | 4 |
| Performance ISO 3046 | kW | 119,0 | 119,0 |
| Performance SAE J 1995 | hp | 162,0 | 162,0 |
| Speed | min-1 | 2.200 | 2.200 |
| Fuel | | Diesel | Diesel |
| Electric equipment | V | 12 | 12 |
| Drive system | | hydrost. | hydrost. |
| Drum driven | | standard | standard |
| **Drums and Tyres** | | | |
| Number of pad feet | | | 150 |
| Area of one pad foot | cm2 | | 137 |
| Height of pad feet | mm | | 100 |
| Tyre size | | 23.1-26 12PR | 23.1-26 12PR |
| **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 | 1,90/0,96 | 1,70/0,86 |
| Centrifugal force | kN | 275/202 | 275/202 |
| Centrifugal force | t | 28,1/20,6 | 28,1/20,6 |
| **Capacities** | | | |
| Fuel | l | 250,0 | 250,0 |

Technical modifications reserved. Machines may be shown with options.

## Standard Equipment

- ☑ Self locking differential
- ☑ Rear axle with twin spring accumulator brakes
- ☑ Hydrostatic travel and vibration drive
- ☑ Hydrostatic articulated steering
- ☑ Articulated joint lock
- ☑ Battery disconnect switch
- ☑ Single lever control for travel and vibration
- ☑ Warning, information and operation displays with LCD
- ☑ Emergency STOP
- ☑ Back-up alarm
- ☑ 1 Scraper
- ☑ Operator seat
- ☑ Warning horn
- ☑ BOMAG TELEMATIC

## Optional Equipment

- ☐ ROPS/FOPS cabin with seat belts
- ☐ ROPS/FOPS with safety belt
- ☐ Air condition
- ☐ Rotary beacon
- ☐ Indicator and hazard lights
- ☐ ECONOMIZER
- ☐ TERRAMETER
- ☐ Fleet Management Access
- ☐ Padfoot segment kit (D)
- ☐ Measuring- and machine data interface
- ☐ Comfort driver's seat
- ☐ Contact scrapers (2x)
- ☐ Sun roof
- ☐ Tablet holder set
- ☐ BOMAP GPS antenna set
- ☐ BOMAP GPS antenna holder
- ☐ JOBLINK measuring technology interface
- ☐ Hydraulic guard plate
- ☐ Cab guard plate
- ☐ Tractor tires (D)
- ☐ Rearview camera
- ☐ Radio (DAB)
- ☐ Dust protection for electrical box
- ☐ ECOSTOP
- ☐ Railing
- ☐ Vandalism protection
- ☐ LED working lights

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