

**SINGLE DRUM ROLLERS
BW 216 D-5, BW 216 PD-5**

PERFORMANCE DATA

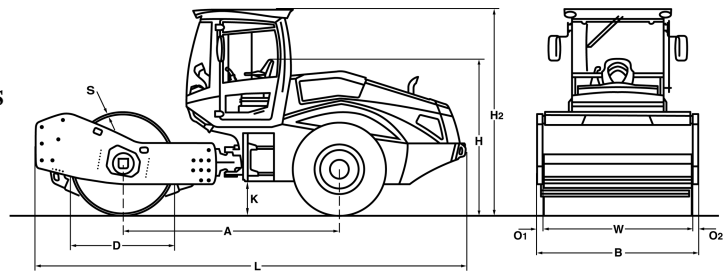


| Machine type | Compaction output (m ³ /h) | | | |
|--------------|---------------------------------------|--------------|------------|------------|
| | Rock fill | Gravel, sand | Mixed soil | Silt, clay |
| BW 216 D-5 | 650-1200 | 450-920 | 340-680 | 210-420 |
| BW 216 PD-5 | 650-1200 | 450-920 | 340-680 | 250-500 |

| Machine type | Compacted layer thickness (m) | | | |
|--------------|-------------------------------|--------------|------------|------------|
| | Rock fill | Gravel, sand | Mixed soil | Silt, clay |
| BW 216 D-5 | 1,10 | 0,75 | 0,55 | 0,30 |
| BW 216 PD-5 | 0,90 | 0,75 | 0,55 | 0,55 |

Technical Data

| Shipping dimensions in m3 | without ROPS | with ROPS |
|---------------------------|--------------|-----------|
| BW 216 D-5 | 32,163 | 42,741 |
| BW 216 PD-5 | 32,163 | 42,741 |



Standard Equipment

- BOMAG ECOMODE
- Warning, information and operation displays with LCD
- Adjustable steering column
- Noise insulation
- 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
- Seat with arm rest and adj. for position and height
- 2 Scrapers
- Emergency STOP
- Back-up alarm
- Working lights front / rear
- Tractor tires (PD)

Optional Equipment

- * ROPS/FOPS cabin with seat belts
- Sliding window
- ROPS/FOPS with safety belt
- Air condition
- Rearview camera
- TERRAMETER
- BOMAG ECOSTOP
- BOMAG TELEMATIC POWER
- Padfoot segment kit (D)
- Radio (Bluetooth)
- Indicator and hazard lights
- BCM 05 Documentation system
- Special painting
- Rotary beacon
- Pre start cabin heating
- Environmentally compliant hydraulic oil
- Adjustable comfortable seat

* Standard delivery with CE conformity (valid within European Union)

Dimensions in mm

| | A | B | D | H | H2 | K | L | O1 | O2 | S | W |
|--------------------|------|------|------|------|------|-----|------|----|----|----|------|
| BW 216 D-5 | 3113 | 2300 | 1500 | 2250 | 2990 | 490 | 6215 | 85 | 85 | 30 | 2130 |
| BW 216 PD-5 | 3113 | 2300 | 1480 | 2250 | 2990 | 490 | 6215 | 85 | 85 | 25 | 2130 |

Technical Data

Weights

| | | BOMAG BW 216 D-5 | BOMAG BW 216 PD-5 |
|---|-------|-----------------------------|------------------------------|
| Grossweight | kg | 17.645 | 17.945 |
| Operating weight CECE w. ROPS-cabin | kg | 15.990 | 17.100 |
| Axle load, drum CECE | kg | 10.800 | 11.900 |
| Axle load, wheels CECE | kg | 5.190 | 5.200 |
| Static linear load CECE | kg/cm | 50,7 | 55,9 |

Dimensions

| | | BOMAG BW 216 D-5 | BOMAG BW 216 PD-5 |
|---------------------------|----|-----------------------------|------------------------------|
| Working width | mm | 2.130 | 2.130 |
| Track radius, inner | mm | 3.874 | 3.874 |

Driving Characteristics

| | | BOMAG BW 216 D-5 | BOMAG BW 216 PD-5 |
|---|------|-----------------------------|------------------------------|
| Speed (1) | km/h | 0- 3,0 | 0- 3,0 |
| Speed (2) | km/h | 0- 4,0 | 0- 4,0 |
| Speed (3) | km/h | 0- 5,0 | 0- 5,0 |
| Speed (4) | km/h | 0- 10,0 | 0- 10,0 |
| Max. gradeability without/with vibr. | % | 48/45 | 51/48 |

Drive

| | | BOMAG BW 216 D-5 | BOMAG BW 216 PD-5 |
|------------------------------|-------|-----------------------------|------------------------------|
| Engine manufacturer | | Deutz | Deutz |
| Type | | TCD 4.1 L4 | TCD 4.1 L4 |
| Emission stage | | 4/4 | 4/4 |
| Cooling | | Liquid | Liquid |
| Number of cylinders | | 4 | 4 |
| Performance ISO 3046 | kW | 115,0 | 115,0 |
| Performance SAE J 1995 | hp | 155,0 | 155,0 |
| Speed | min-1 | 2.000 | 2.000 |
| Fuel | | diesel | diesel |
| Electric equipment | V | 12 | 12 |
| Drive system | | hydrost. | hydrost. |
| Drum driven | | standard | standard |

Drums and Tyres

| | | BOMAG BW 216 D-5 | BOMAG BW 216 PD-5 |
|----------------------------|-----|-----------------------------|------------------------------|
| Number of pad feet | | | 150 |
| Area of one pad foot | cm2 | | 137 |
| Height of pad feet | mm | | 100 |
| Tyre size | | 12.5-20 12PR | 12.5-20 12PR |

Brakes

| | | BOMAG BW 216 D-5 | BOMAG BW 216 PD-5 |
|---------------------|--|-----------------------------|------------------------------|
| Service brake | | hydrost. | hydrost. |
| Parking brake | | hydromec. | hydromec. |

Steering

| | | BOMAG BW 216 D-5 | BOMAG BW 216 PD-5 |
|--|------|-----------------------------|------------------------------|
| Steering system | | oscil.artic. | oscil.artic. |
| Steering method | | hydrost. | hydrost. |
| Steering / oscillating angle +/- | grad | 35/12 | 35/12 |

Exciter system

| | | BOMAG BW 216 D-5 | BOMAG BW 216 PD-5 |
|-------------------------|----|-----------------------------|------------------------------|
| Drive system | | hydrost. | hydrost. |
| Frequency | Hz | 30/34 | 30/34 |
| Amplitude | mm | 1,91/0,96 | 1,51/0,78 |
| Centrifugal force | kN | 258/186 | 258/190 |
| Centrifugal force | t | 26,3/19,0 | 26,3/19,4 |

Capacities

| | | BOMAG BW 216 D-5 | BOMAG BW 216 PD-5 |
|------------|---|-----------------------------|------------------------------|
| Fuel | l | 250,0 | 250,0 |

Technical modifications reserved. Machines may be shown with options.



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