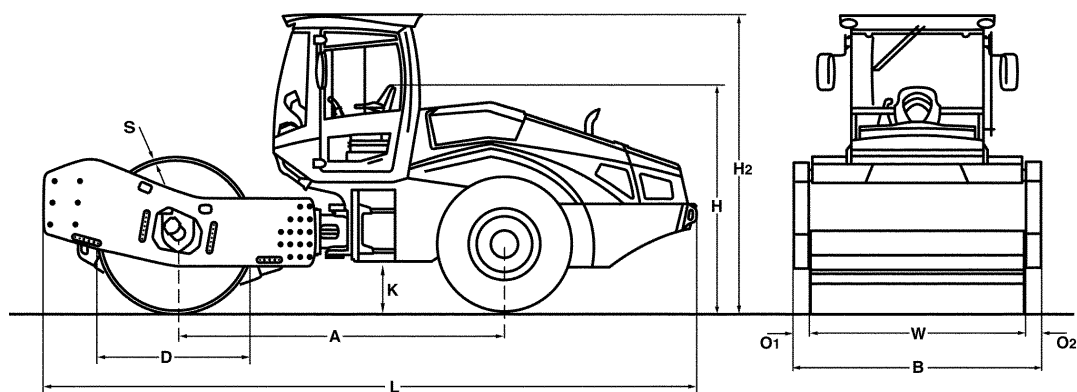


# TECHNICAL DATA

SINGLE DRUM ROLLERS

BW 219 D-5, BW 219 PD-5





### Dimensions in mm

|                    | A    | B    | D    | H    | H2   | K   | L    | O1 | O2 | S  | W    |
|--------------------|------|------|------|------|------|-----|------|----|----|----|------|
| <b>BW 219 D-5</b>  | 0    | 2300 | 1600 | 2300 | 3030 | 495 | 6500 | 85 | 85 | 40 | 2130 |
| <b>BW 219 PD-5</b> | 3255 | 2300 | 1500 | 2300 | 3060 | 495 | 6500 | 85 | 85 | 35 | 2130 |

### Shipping dimensions in m3

**BW 219 D-5**  
**BW 219 PD-5**

### without ROPS

34,385  
34,385

### with ROPS

45,299  
45,747

| Machine type | Compaction output (m3/h) |              |            |            |
|--------------|--------------------------|--------------|------------|------------|
|              | Rock fill                | Gravel, sand | Mixed soil | Silt, clay |
| BW 219 D-5   | 940-1880                 | 700-1400     | 560-960    | 250-500    |
| BW 219 PD-5  | 940-1880                 | 700-1400     | 560-960    | 280-560    |

| Machine type | Compacted layer thickness (m) |              |            |            |
|--------------|-------------------------------|--------------|------------|------------|
|              | Rock fill                     | Gravel, sand | Mixed soil | Silt, clay |
| BW 219 D-5   | 1,40                          | 1,00         | 0,70       | 0,30       |
| BW 219 PD-5  | 1,40                          | 1,00         | 0,70       | 0,35       |

## Technical Data

### BOMAG BW 219 D-5

### BOMAG BW 219 PD-5

#### Weights

|                                           |       |        |        |
|-------------------------------------------|-------|--------|--------|
| Grossweight .....                         | kg    | 22.000 | 21.000 |
| Operating weight CECE w. ROPS-cabin ..... | kg    | 19.400 | 20.000 |
| Axle load, drum CECE .....                | kg    | 12.800 | 13.200 |
| Axle load, wheels CECE .....              | kg    | 6.600  | 6.800  |
| Static linear load CECE .....             | kg/cm | 60,1   |        |

#### Dimensions

|                           |    |       |       |
|---------------------------|----|-------|-------|
| Working width .....       | mm | 2.130 | 2.130 |
| Track radius, inner ..... | mm | 4.120 | 4.120 |

#### Driving Characteristics

|                                           |      |         |         |
|-------------------------------------------|------|---------|---------|
| Speed (1) .....                           | km/h | 0- 4,0  | 0- 4,0  |
| Speed (2) .....                           | km/h | 0- 5,0  | 0- 5,0  |
| Speed (3) .....                           | km/h | 0- 6,0  | 0- 6,0  |
| Speed (4) .....                           | km/h | 0- 10,0 | 0- 10,0 |
| Max. gradeability without/with vibr. .... | %    | 50/48   | 52/50   |

#### Drive

|                                  |       |                  |                  |
|----------------------------------|-------|------------------|------------------|
| Engine manufacturer .....        |       | Deutz            | Deutz            |
| Type .....                       |       | TCD 6.1 L6       | TCD 6.1 L6       |
| Emission stage .....             |       | Stage V / TIER4f | Stage V / TIER4f |
| Exhaust gas aftertreatment ..... |       | DOC+DPF+SCR      | DOC+DPF+SCR      |
| Cooling .....                    |       | Liquid           | Liquid           |
| Number of cylinders .....        |       | 6                | 6                |
| Performance ISO 3046 .....       | kW    | 150,0            | 150,0            |
| Performance SAE J 1995 .....     | hp    | 202,0            | 202,0            |
| 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

|                            |                 |              |              |
|----------------------------|-----------------|--------------|--------------|
| Number of pad feet .....   |                 |              | 150          |
| Area of one pad foot ..... | cm <sup>2</sup> |              | 137          |
| Height of pad feet .....   | mm              |              | 100          |
| Tyre size .....            |                 | 23.1-26 12PR | 23.1-26 12TL |

#### 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 | 26/31     | 26/31     |
| Amplitude .....         | mm | 2,10/1,20 | 1,90/1,00 |
| Centrifugal force ..... | kN | 328/266   | 328/245   |
| Centrifugal force ..... | t  | 33,5/27,1 | 33,5/25,0 |

#### Capacities

|            |   |       |       |
|------------|---|-------|-------|
| Fuel ..... | l | 280,0 | 280,0 |
|------------|---|-------|-------|

Technical modifications reserved. Machines may be shown with options.

### Standard Equipment

- ☒ BOMAG ECOMODE
- ☒ Self locking differential
- ☒ Rear axle with twin spring accumulator brakes
- ☒ Hydrostatic travel and vibration drive
- ☒ Hydrostatic articulated steering
- ☒ Articulated joint lock
- ☒ Seat with arm rest and adj. for position and height
- ☒ Sliding window
- ☒ Battery disconnect switch
- ☒ Single lever control for travel and vibration
- ☒ Warning, information and operation displays with LCD
- ☒ Loading mode
- ☒ Emergency STOP
- ☒ Working lights front / rear
- ☒ Back-up alarm
- ☒ Noise insulation
- ☒ 2 Scrapers
- ☒ Warning horn

### Optional Equipment

- ☐ \* ROPS/FOPS cabin with seat belts
  - Sliding window
- ☐ Rearview camera
- ☐ Air condition
- ☐ Radio (Bluetooth)
- ☐ Pre start cabin heating
- ☐ Comfort package: Adjustable seat and adjustable steering column
- ☐ Rotary beacon
- ☐ Indicator and hazard lights
- ☐ BOMAG ECOSTOP
- ☐ ECONOMIZER
- ☐ TERRAMETER
- ☐ BOMAG TELEMATIC POWER
- ☐ BCM 05 Documentation system
- ☐ Special painting
- ☐ Padfoot segment kit (D)
- ☐ Environmentally compliant hydraulic oil
- ☐ Measuring- and machine data interface for third-party suppliers
- ☐ Reversing alarm buzzer with broad band audio
- ☐ LED Working lights (Cabin)
- ☐ Highly wear resistant drum (D)

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



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