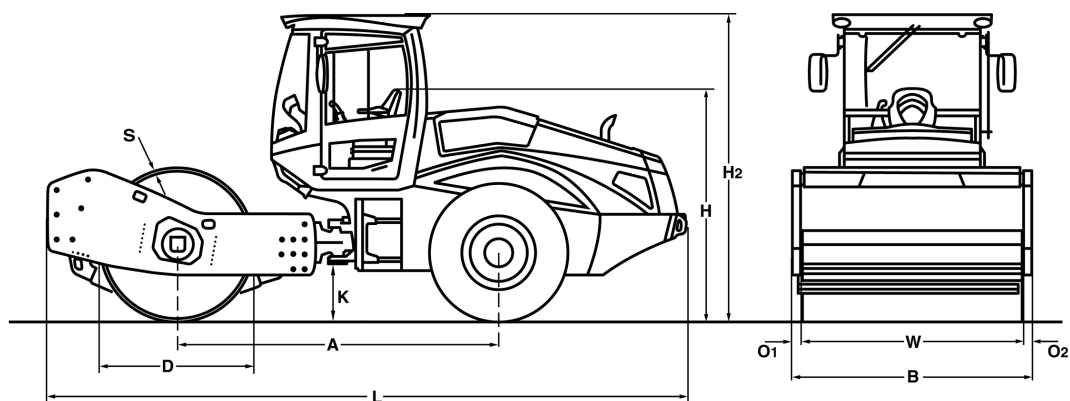


TECHNICAL DATA

SINGLE DRUM ROLLERS

BW 216 D-5, BW 216 PD-5





Dimensions in mm

	A	B	D	H	H2	K	L	O1	O2	S	W
BW 216 D-5	3113	2300	1500	2250	3000	490	6220	85	85	30	2130
BW 216 PD-5	3113	2300	1480	2250	2990	490	6220	85	85	25	2130

Shipping dimensions in m3

BW 216 D-5
BW 216 PD-5

without ROPS

32,189
32,189

with ROPS

42,918
42,775

Machine type	Compaction output (m3/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

BOMAG BW 216 D-5

BOMAG BW 216 PD-5

Weights

Grossweight	kg	17.910	17.950
Operating weight CECE w. ROPS-cabin	kg	16.000	17.100
Axle load, drum CECE	kg	10.800	11.900
Axle load, wheels CECE	kg	5.200	5.200
Static linear load CECE	kg/cm	50,7	

Dimensions

Working width	mm	2.130	2.130
Track radius, inner	mm	3.875	3.875

Driving Characteristics

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

Engine manufacturer		Deutz	Deutz
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	115,0	115,0
Performance SAE J 1995	hp	162,0	162,0
Speed	min-1	2.200	2.100
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	2,10/1,10	1,70/0,90
Centrifugal force	kN	285/220	285/217
Centrifugal force	t	29,1/22,4	29,1/22,1

Capacities

Fuel	l	250,0	250,0
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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
- ☒ 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
- ☒ 2 Scraper
- ☒ Warning horn

Optional Equipment

- ☐ ROPS/FOPS cabin with seat belts
 - Sliding window
- ☐ ROPS/FOPS with safety belt
- ☐ 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
- ☐ Special painting
- ☐ Padfoot segment kit (D)
- ☐ Measuring- and machine data interface for third-party suppliers
- ☐ LED Working lights (Cabin)
- ☐ Highly wear resistant drum

