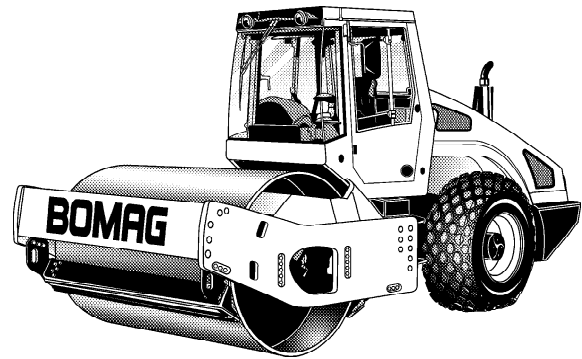


## SINGLE DRUM VIBRATORY ROLLERS BW 216 D-4, BW 216 PD-4

### PERFORMANCE DATA



Machine type	Compaction output (m <sup>3</sup> /h)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 216 D-4	650-1200	450-920	340-680	210-420
BW 216 PD-4	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-4	1,10	0,75	0,55	0,30
BW 216 PD-4	1,10	0,75	0,55	0,35

# Technical Data

## Shipping dimensions in m3

	without ROPS	with ROPS
BW 216 D-4	31,966	42,072
BW 216 PD-4	31,966	42,072

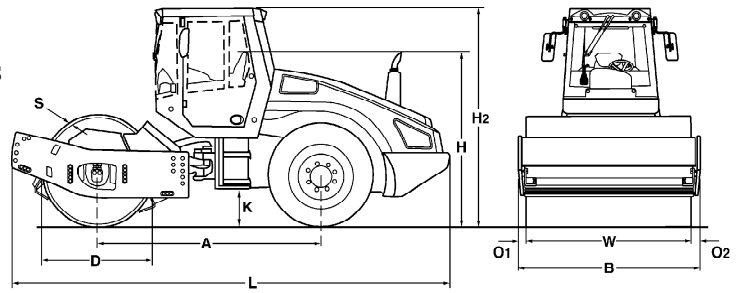
## Standard

- 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
- Contact scrapers (D:Plastic)
- Scrapers (PD:Steel)
- Emergency STOP
- Noise insulation
- Back-up warning system
- Shock-mounted swivel seat, adjustable in height and length
- Engine TIER III

## Options

- \* ROPS/FOPS cabin with seat belts
- \* Working lights front/rear
- ROPS/FOPS with safety belt
- Rotary beacon
- Indicator and hazard lights
- Padfoot segment kit (D)
- Contact scrapers (D:Steel)
- BOMAG Evib-Meter (BEM)
- TERRAMETER BTM prof
- BCM 05 Documentation system
- Ballast rear (460kg)
- Special painting
- Environmentally compliant hydraulic oil
- Air condition
- Sun roof
- Warning, information and operation displays
- Radio
- Protective ventilation system

\* 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-4	3110	2300	1500	2268	2985	490	6128	85	85	35	2130
BW 216 PD-4	3110	2300	1500	2268	2985	490	6128	85	85	25	2130

## Technical Data

### Weights

	kg	BOMAG BW 216 D-4	BOMAG BW 216 PD-4
Grossweight	17.600	17.600	16.800
Operating weight CECE w. ROPS-cabin	15.700	15.700	16.200
Axle load, drum CECE	10.400	10.400	10.900
Axle load, wheels CECE	5.300	5.300	5.300
Static linear load CECE	48,8	48,8	48,8

### Dimensions

	mm	BOMAG BW 216 D-4	BOMAG BW 216 PD-4
Working width	2.130	2.130	2.130
Track radius, inner	3.880	3.880	3.880

### Driving Characteristics

	km/h	BOMAG BW 216 D-4	BOMAG BW 216 PD-4
Speed (1)	0- 4,0	0- 4,0	0- 4,0
Speed (2)	0- 5,0	0- 5,0	0- 5,0
Speed (3)	0- 7,0	0- 7,0	0- 7,0
Speed (4)	0- 11,0	0- 11,0	0- 11,0
Max. gradeability without/with vibr.	%	48/45	51/48

### Drive

	BOMAG BW 216 D-4	BOMAG BW 216 PD-4
Engine manufacturer	Deutz	Deutz
Type	TCD 2013 L04	TCD 2013 L04
Cooling	water	water
Number of cylinders	4	4
Performance ISO 3046	119	119
Performance SAE J 1995	160	160
Speed	min-1 2.200	2.200
Fuel	diesel	diesel
Electric equipment	V 12	12
Drive system	hydrost. standard	hydrost. standard

### Drums and Tyres

	BOMAG BW 216 D-4	BOMAG BW 216 PD-4
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

	BOMAG BW 216 D-4	BOMAG BW 216 PD-4
Service brake	hydrost.	hydrost.
Parking brake	hydromec.	hydromec.

### Steering

	BOMAG BW 216 D-4	BOMAG BW 216 PD-4
Steering system	oscil.artic.	oscil.artic.
Steering method	hydrost.	hydrost.
Steering / oscillating angle +/-	grad 35/12	35/12

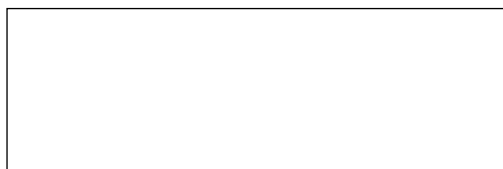
### Exciter system

	BOMAG BW 216 D-4	BOMAG BW 216 PD-4
Drive system	hydrost.	hydrost.
Frequency (1)	Hz 30	30
Frequency (2)	Hz 36	36
Amplitude	mm 1,80/0,95	1,64/0,82
Centrifugal force	kN 275/202	275/202
Centrifugal force	t 28,1/20,6	28,1/20,6

### Capacities

	BOMAG BW 216 D-4	BOMAG BW 216 PD-4
Fuel	l 340	340

Technical modifications reserved. Machines may be shown with options.



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