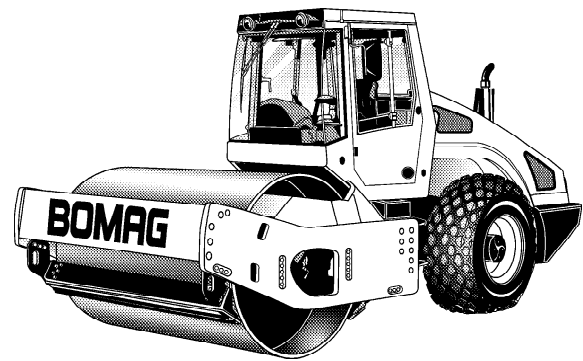


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SINGLE DRUM VIBRATORY ROLLERS BW 216 D-4, BW 216 PD-4

PERFORMANCE DATA



Machine type	Compaction output (m ³ /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

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Technical Data

Shipping dimensions in m3

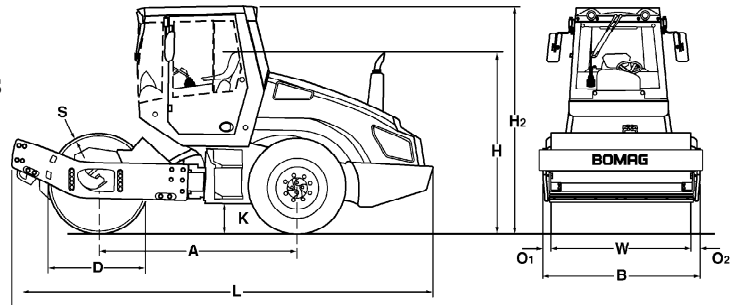
	without ROPS	with ROPS
BW 216 D-4	31,966	41,860
BW 216 PD-4	31,966	41,860

Standard Equipment

- Warning, information and operation displays with round gauges (D)
- 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
- Seat with arm rest and adj. for position and height

Optional Equipment

- * ROPS 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 plus
 - TERRAMETER BTM prof
 - BEM/BCM 05
 - TERRAMETER/BCM 05
 - 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	2970	490	6128	85	85	35	2130
BW 216 PD-4	3110	2300	1500	2268	2970	490	6128	85	85	25	2130

Technical Data

Weights

	BOMAG BW 216 D-4	BOMAG BW 216 PD-4
Grossweight	17.560 kg	16.860 kg
Operating weight CECE w. ROPS-cabin	16.160 kg	16.660 kg
Axle load, drum CECE	10.400 kg	10.900 kg
Axle load, wheels CECE	5.760 kg	5.760 kg
Static linear load CECE	48,8 kg/cm	48,8 kg/cm

Dimensions

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

Driving Characteristics

	BOMAG BW 216 D-4	BOMAG BW 216 PD-4
Speed (1)	0- 4,0 km/h	0- 4,0 km/h
Speed (2)	0- 5,0 km/h	0- 5,0 km/h
Speed (3)	0- 7,0 km/h	0- 7,0 km/h
Speed (4)	0- 11,0 km/h	0- 11,0 km/h
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	TCD2013L04	TCD2013L04
Cooling	water	water
Number of cylinders	4	4
Performance ISO 3046	119 kW	119 kW
Performance SAE J 1995	160 hp	160 hp
Speed	2.200 min-1	2.200 min-1
Fuel	diesel	diesel
Electric equipment	V 12	V 12
Drive system	hydrost.	hydrost.
Drum driven	standard	standard

Drums and Tyres

	BOMAG BW 216 D-4	BOMAG BW 216 PD-4
Number of pad feet		150
Area of one pad foot		137 cm ²
Height of pad feet		100 mm
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 +/-	35/12 grad	35/12 grad

Exciter system

	BOMAG BW 216 D-4	BOMAG BW 216 PD-4
Drive system	hydrost.	hydrost.
Frequency (1)	31 Hz	31 Hz
Frequency (2)	36 Hz	36 Hz
Amplitude	1,80/0,95 mm	1,64/0,82 mm
Centrifugal force	275/202 kN	275/202 kN
Centrifugal force	28,1/20,6 t	28,1/20,6 t

Capacities

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

Technical modifications reserved. Machines may be shown with options.

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