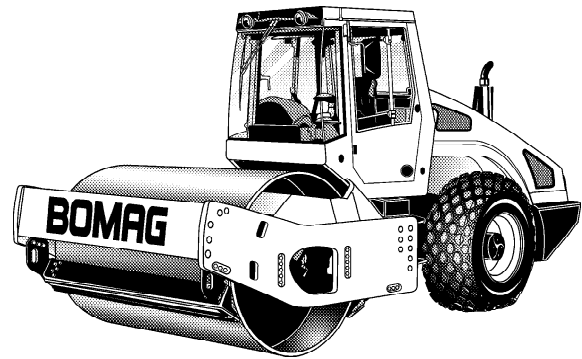


SINGLE DRUM VIBRATORY ROLLERS BW 216 DH-4, BW 216 PDH-4

PERFORMANCE DATA



Machine type	Compaction output (m ³ /h)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 216 DH-4	700-1400	480-960	360-720	210-420
BW 216 PDH-4	700-1400	480-960	360-720	250-500

Machine type	Compacted layer thickness (m)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 216 DH-4	1,20	0,80	0,60	0,30
BW 216 PDH-4	1,20	0,80	0,60	0,35

Technical Data

Shipping dimensions in m3

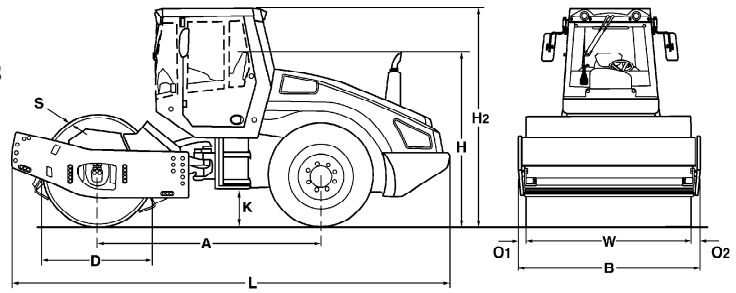
BW 216 DH-4

BW 216 PDH-4

without ROPS with ROPS

31,966 41,860

31,966 41,860



Standard

- BOMAG ECOMODE
- Anti Slip Control (ASC)
- Warning, information and operation displays with LCD
- 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
- Shock-mounted swivel seat, adjustable in height and length
- Contact scrapers (DH:Plastic)
- Emergency STOP
- Noise insulation
- Back-up warning system
- 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 (DH)
- Contact scrapers (DH: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
- Slideable seat
- 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 DH-4	3110	2300	1500	2268	2970	490	6128	85	85	35	2130
BW 216 PDH-4	3110	2300	1480	2268	2970	490	6128	85	85	25	2130

Technical Data

Weights

	BOMAG BW 216 DH-4	BOMAG BW 216 PDH-4
Grossweight	18.500 kg	17.950 kg
Operating weight CECE w. ROPS-cabin	16.550 kg	16.950 kg
Axle load, drum CECE	11.150 kg	11.550 kg
Axle load, wheels CECE	5.400 kg	5.400 kg
Static linear load CECE	52,3 kg/cm	

Dimensions

	BOMAG BW 216 DH-4	BOMAG BW 216 PDH-4
Working width	2.130 mm	2.130 mm
Track radius, inner	3.880 mm	3.880 mm

Driving Characteristics

	BOMAG BW 216 DH-4	BOMAG BW 216 PDH-4
Speed (1)	0- 13,0 km/h	0- 13,0 km/h
Max. gradeability without/with vibr.	58/55 %	60/58 %

Drive

	BOMAG BW 216 DH-4	BOMAG BW 216 PDH-4
Engine manufacturer	Deutz	Deutz
Type	TCD 2012 L06	TCD 2012 L06
Cooling	water	water
Number of cylinders	6	6
Performance ISO 3046	150 kW	150 kW
Performance SAE J 1995	201 hp	201 hp
Speed	2.200 min-1	2.200 min-1
Fuel	diesel	diesel
Electric equipment	12 V	12 V
Drive system	hydrost. standard	hydrost. standard
Drum driven	standard	standard

Drums and Tyres

	BOMAG BW 216 DH-4	BOMAG BW 216 PDH-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 DH-4	BOMAG BW 216 PDH-4
Service brake	hydrost.	hydrost.
Parking brake	hydromec.	hydromec.

Steering

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

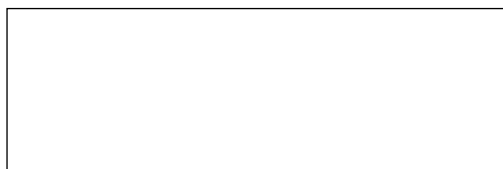
Exciter system

	BOMAG BW 216 DH-4	BOMAG BW 216 PDH-4
Drive system	hydrost.	hydrost.
Frequency (1)	31 Hz	30 Hz
Frequency (2)	36 Hz	36 Hz
Amplitude	2,00/1,00 mm	1,80/0,94 mm
Centrifugal force	300/225 kN	300/225 kN
Centrifugal force	30,6/23 t	30,6/23 t

Capacities

	BOMAG BW 216 DH-4	BOMAG BW 216 PDH-4
Fuel	340 l	340 l

Technical modifications reserved. Machines may be shown with options.



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