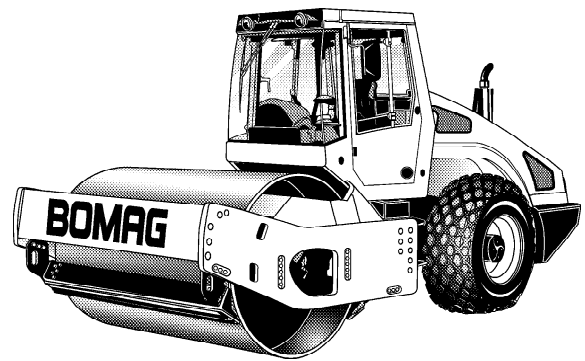


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SINGLE DRUM VIBRATORY ROLLERS BW 216 DH-4, BW 216 PDH-4

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

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Technical Data

Shipping dimensions in m3

BW 216 DH-4

BW 216 PDH-4

without ROPSwith ROPS

31,966

41,860

31,966

41,860

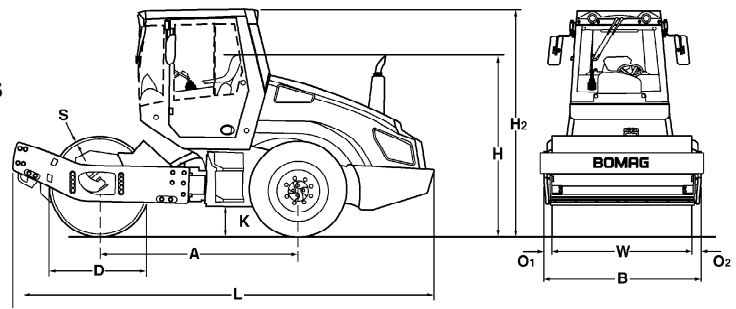
Standard Equipment

- ☒ Warning, information and operation displays with LCD
- ☒ Hydrostatic travel and vibration drive
- ☒ Anti Slip Control (ASC)
- ☒ 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
- ☒ Swivel seat, adjustable in height and longit. direction, with two armrests
- ☒ Contact scrapers (DH:Plastic)
- ☒ Emergency STOP
- ☒ Noise insulation
- ☒ Back-up warning system
- ☒ BOMAG ECOMODE
- ☒ Engine-TIER III

Optional Equipment

- ☐ * 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 plus
- ☐ TERRAMETER BTM prof
- ☐ BEM/BCM 05
- ☐ TERRAMETER/BCM 05
- ☐ Special painting
- ☐ Environmentally compliant hydraulic oil
- ☐ Air condition
- ☐ Ballast front (DH:930kg)
- ☐ Sun roof
- ☐ Slideable seat
- ☐ Warning, information and operation displays
- ☐ Radio
- ☐ Protective ventilation system

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



Dimensions in mm

BW 216 DH-4

BW 216 PDH-4

A	B	D	H	H2	K	L	O1	O2	S	W
3110	2300	1500	2268	2970	490	6128	85	85	35	2130
3110	2300	1480	2268	2970	490	6128	85	85	25	2130

Technical Data

Weights

Grossweight	kg	18.800	17.950
Operating weight CECE w. ROPS-cabin	kg	16.550	16.950
Axle load, drum CECE	kg	11.150	11.550
Axle load, wheels CECE	kg	5.400	5.400
Static linear load CECE	kg/cm	52,3	

Dimensions

Working width	mm	2.130	2.130
Track radius, inner	mm	3.880	3.880

Driving Characteristics

Speed (1)	km/h	0- 13,0	0- 13,0
Max. gradeability without/with vibr.	%	58/55	60/58

Drive

Engine manufacturer	Deutz	Deutz
Type	TCD 2012 L06	TCD 2012 L06
Cooling	water	water
Number of cylinders	6	6
Performance ISO 3046	kW	150
Performance SAE J 1995	hp	201
Speed	min-1	2.200
Fuel	diesel	diesel
Electric equipment	V	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

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

Exciter system

Drive system	hydrost.	hydrost.
Frequency (1)	Hz	31
Frequency (2)	Hz	36
Amplitude	mm	2,00/1,00
Centrifugal force	kN	300/225
Centrifugal force	t	30,6/23

Capacities

Fuel	l	340	340
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Technical modifications reserved. Machines may be shown with options.

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