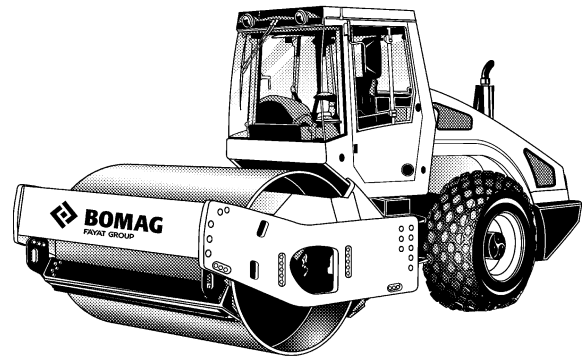


SINGLE DRUM VIBRATORY ROLLERS BW 216 DH-4I, BW 216 PDH-4I

PERFORMANCE DATA

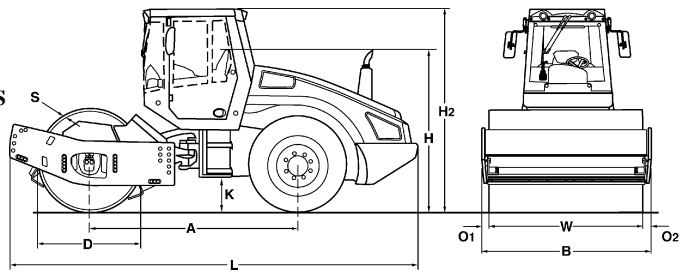


Machine type	Compaction output (m ³ /h)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 216 DH-4I	700-1400	480-960	360-720	210-420
BW 216 PDH-4I	700-1400	480-960	360-720	250-500

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

Technical Data

Shipping dimensions in m3	without ROPS	with ROPS
BW 216 DH-4I	31,966	41,860
BW 216 PDH-4I	31,966	41,860



Standard Equipment

- 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

Dimensions in mm

	A	B	D	H	H2	K	L	O1	O2	S	W
BW 216 DH-4I	3110	2300	1500	2268	2970	490	6128	85	85	35	2130
BW 216 PDH-4I	3110	2300	1480	2268	2970	490	6128	85	85	25	2130

Technical Data

Weights

Grossweight	kg	18.200
Operating weight CECE w. ROPS-cabin	kg	16.200
Axle load, drum CECE	kg	10.900
Axle load, wheels CECE	kg	5.300
Static linear load CECE	kg/cm	51,2

Dimensions

Working width	mm	2.130
Track radius, inner	mm	3.880

Driving Characteristics

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

Drive

Engine manufacturer	Deutz	Deutz
Type	TCD 4.1 L4	TCD 4.1 L4
Emission stage	3b/4i	3b/4i
Cooling	Liquid	Liquid
Number of cylinders	4	4
Performance ISO 3046	kW	115,0
Performance SAE J 1995	hp	154,0
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	30
Frequency (2)	Hz	36
Amplitude	mm	2,00/1,00
Centrifugal force	kN	300/225
Centrifugal force	t	30,6/23,0

Capacities

Fuel	l	340,0
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Technical modifications reserved. Machines may be shown with options.

Optional Equipment

- * ROPS/FOPS cabin with seat belts
- * Working lights front/rear
- Radio (Bluetooth)
- 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
- Protective ventilation system
- Backup warning buzzer with broadband technology
- Rearview camera

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



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