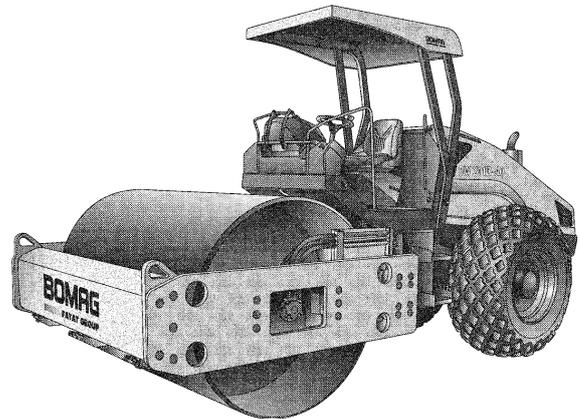


SINGLE DRUM VIBRATORY ROLLERS BW 211 D-40, BW 211 PD-40

PERFORMANCE DATA

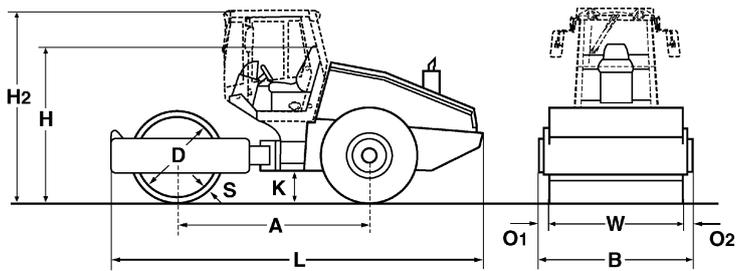


Machine type	Compaction output (m ³ /h)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 211 D-40	400-800	270-540	220-440	110-220
BW 211 PD-40	400-800	270-540	220-440	160-320

Machine type	Compacted layer thickness (m)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 211 D-40	0,70	0,50	0,40	0,20
BW 211 PD-40	0,70	0,50	0,40	0,25

Technical Data

Shipping dimensions in m3	without ROPS	with ROPS H2
BW 211 D-40	29,802	39,223
BW 211 PD-40	29,802	39,223



Standard Equipment

- 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
- Scrapers
- Emergency STOP
- Back-up warning system
- Operator seat

Optional Equipment

- ROPS/FOPS cabin with seat belts
- Working lights front / rear
- ROPS/FOPS with safety belt
- Comfort driver's seat
- Rotary beacon
- Indicator and hazard lights
- Padfoot segment kit (D)
- Contact scrapers
- BOMAG Evib-Meter (BEM)
- TERRAMETER BTM prof
- BCM 05 Documentation system
- Special painting
- Air condition
- Ballast front (700kg)
- Ballast rear (800kg)
- Sun roof
- Warning, information and operation displays
- Radio (Bluetooth)
- Increased amplitude (2,2mm; 1,1mm)

Dimensions in mm

	A	B	D	H	H2	K	L	O1	O2	S	W
BW 211 D-40	2960	2250	1500	2268	2985	490	5840	60	60	25	2130
BW 211 PD-40	2960	2250	1480	2268	2985	490	5840	60	60	25	2130

Technical Data

Weights

	kg	BOMAG BW 211 D-40	BOMAG BW 211 PD-40
Grossweight	13.000	13.000	12.620
Max. axle load, drum CECE	8.050	8.050	7.670
Max. axle load, wheels CECE	4.950	4.950	4.950
Operating weight CECE	9.500	9.500	11.350
Axle load, drum CECE	5.750	5.750	6.750
Axle load, wheels CECE	3.750	3.750	4.600
Static linear load CECE	27,0	27,0	27,0
Max. static linear load CECE	37,8	37,8	37,8

Dimensions

	mm	BOMAG BW 211 D-40	BOMAG BW 211 PD-40
Working width	2.130	2.130	2.130
Track radius, inner	3.494	3.494	3.494

Driving Characteristics

	km/h	BOMAG BW 211 D-40	BOMAG BW 211 PD-40
Speed (1)	0- 6,0	0- 6,0	0- 6,0
Speed (2)	0- 10,0	0- 10,0	0- 10,0
Max. gradeability without/with vibr.	45/43	45/43	49/46

Drive

		BOMAG BW 211 D-40	BOMAG BW 211 PD-40
Engine manufacturer		Deutz	Deutz
Type		BF4M 2012 C	BF4M 2012 C
Emission stage		2/2	2/2
Cooling		water	water
Number of cylinders		4	4
Performance ISO 3046	kW	98,0	98,0
Performance SAE J 1995	hp	132,0	132,0
Speed	min-1	2.300	2.300
Fuel		diesel	diesel
Electric equipment	V	12	12
Drive system		hydrost.	hydrost.
Drum driven		standard	standard

Drums and Tyres

		BOMAG BW 211 D-40	BOMAG BW 211 PD-40
Tyre size		23.1-26/12PR	23.1-26/12PR
Number of pad feet		150	150
Height of pad feet	mm	100	100
Area of one pad foot	cm2	137	137

Brakes

		BOMAG BW 211 D-40	BOMAG BW 211 PD-40
Service brake		hydrost.	hydrost.
Parking brake		hydromec.	hydromec.

Steering

		BOMAG BW 211 D-40	BOMAG BW 211 PD-40
Steering system		oscil.artic.	oscil.artic.
Steering method		hydrost.	hydrost.
Steering / oscillating angle +/-	grad	35/12	35/12

Exciter system

		BOMAG BW 211 D-40	BOMAG BW 211 PD-40
Drive system		hydrost.	hydrost.
Frequency	Hz	30/36	30/36
Amplitude	mm	1,80/0,95	1,70/0,86
Centrifugal force	kN	236/170	275/202
Centrifugal force	t	24,1/17,3	28,1/20,6

Capacities

	l	BOMAG BW 211 D-40	BOMAG BW 211 PD-40
Fuel		250,0	250,0

Technical modifications reserved. Machines may be shown with options.



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