

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

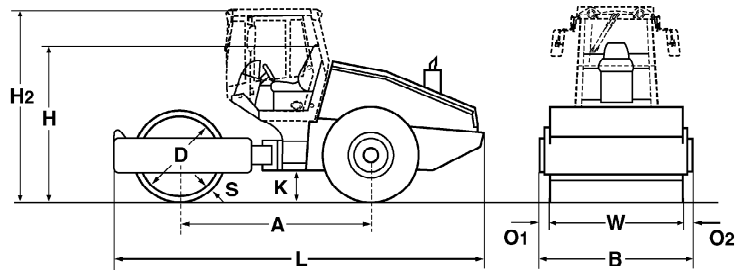
	without ROPS	with ROPS
BW 211 D-40	30,066	39,572
BW 211 PD-40	30,066	39,572

Standard

- 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
- Engine TIER II

Options

- 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
- 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	2270	1500	2268	2985	490	5840	70	70	25	2130
BW 211 PD-40	2960	2270	1480	2268	2985	490	5840	70	70	25	2130

Technical Data

Weights

	BOMAG BW 211 D-40	BOMAG BW 211 PD-40
Grossweight	13.000 kg	12.620 kg
Max. axle load, drum CECE	8.050 kg	7.670 kg
Max. axle load, wheels CECE	4.950 kg	4.950 kg
Operating weight CECE	9.500 kg	10.500 kg
Axle load, drum CECE	5.750 kg	6.750 kg
Axle load, wheels CECE	3.750 kg	3.750 kg
Static linear load CECE	27 kg/cm	27 kg/cm
Max. static linear load CECE	37,8 kg/cm	37,8 kg/cm

Dimensions

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

Driving Characteristics

	BOMAG BW 211 D-40	BOMAG BW 211 PD-40
Speed (1)	0- 6,0 km/h	0- 6,0 km/h
Speed (2)	0- 10,0 km/h	0- 10,0 km/h
Max. gradeability without/with vibr.	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
Cooling	water	water
Number of cylinders	4	4
Performance ISO 3046	98 kW	98 kW
Performance SAE J 1995	132 hp	132 hp
Speed	2.300 min-1	2.300 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 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	100 mm	100 mm
Area of one pad foot	137 cm ²	137 cm ²

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 +/-	35/12 grad	35/12 grad

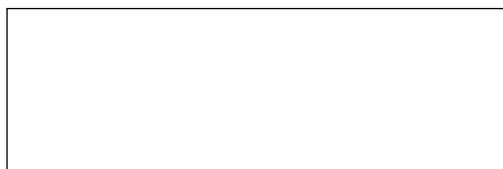
Exciter system

	BOMAG BW 211 D-40	BOMAG BW 211 PD-40
Drive system	hydrost.	hydrost.
Frequency	30/36 Hz	30/36 Hz
Amplitude	1,80/0,95 mm	1,70/0,86 mm
Centrifugal force	236/125 kN	275/202 kN
Centrifugal force	24,1/12,8 t	28,1/20,6 t

Capacities

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

Technical modifications reserved. Machines may be shown with options.



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