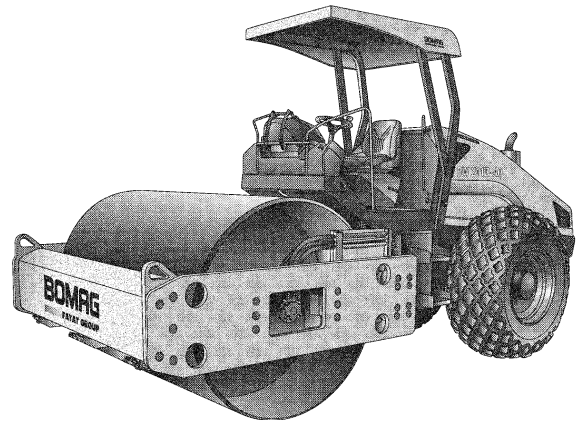


**SINGLE DRUM VIBRATORY ROLLERS
BW 213 D-40, BW 213 PD-40**

PERFORMANCE DATA

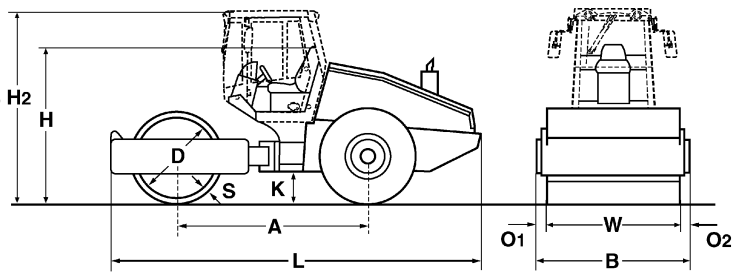


Machine type	Compaction output (m ³ /h)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 213 D-40	400-800	270-540	220-440	110-220
BW 213 PD-40	400-800	270-540	220-440	160-320

Machine type	Compacted layer thickness (m)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 213 D-40	0,70	0,50	0,40	0,20
BW 213 PD-40	0,70	0,50	0,40	0,25

Technical Data

Shipping dimensions in m3	without ROPS	with ROPS H2
BW 213 D-40	29,802	39,223
BW 213 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
- Sun roof
- 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
- Warning, information and operation displays
- Radio (Bluetooth)
- Increased amplitude (D) (2mm/310kN; 1mm/222kN)
- Ballast front (600kg)

Dimensions in mm

	A	B	D	H	H2	K	L	O1	O2	S	W
BW 213 D-40	2960	2250	1500	2268	2985	490	5840	60	60	35	2130
BW 213 PD-40	2960	2250	1480	2268	2985	490	5840	60	60	25	2130

Technical Data

Weights

	kg	BOMAG BW 213 D-40	BOMAG BW 213 PD-40
Grossweight	kg	15.040	14.190
Max. axle load, drum CECE	kg	9.990	9.140
Max. axle load, wheels CECE	kg	5.050	5.050
Operating weight CECE	kg	12.420	12.870
Axle load, drum CECE	kg	7.820	8.270
Axle load, wheels CECE	kg	4.600	4.600
Static linear load CECE	kg/cm	36,7	
Max. static linear load CECE	kg/cm	46,9	

Dimensions

	mm	BOMAG BW 213 D-40	BOMAG BW 213 PD-40
Working width	mm	2.130	2.130
Track radius, inner	mm	3.494	3.494

Driving Characteristics

	km/h	BOMAG BW 213 D-40	BOMAG BW 213 PD-40
Speed (1)	km/h	0- 6,0	0- 6,0
Speed (2)	km/h	0- 10,0	0- 10,0
Max. gradeability without/with vibr.	%	45/43	49/46

Drive

		BOMAG BW 213 D-40	BOMAG BW 213 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. standard	hydrost. standard

Drums and Tyres

		BOMAG BW 213 D-40	BOMAG BW 213 PD-40
Tyre size		23.1-26/12PR	23.1-26/12PR
Number of pad feet			150
Height of pad feet	mm		100
Area of one pad foot	cm ²		137

Brakes

		BOMAG BW 213 D-40	BOMAG BW 213 PD-40
Service brake		hydrost.	hydrost.
Parking brake		hydromec.	hydromec.

Steering

		BOMAG BW 213 D-40	BOMAG BW 213 PD-40
Steering system		oscil.artic.	oscil.artic.
Steering method		hydrost.	hydrost.
Steering / oscillating angle +/-	grad	35/12	35/12

Exciter system

		BOMAG BW 213 D-40	BOMAG BW 213 PD-40
Drive system		hydrost.	hydrost.
Frequency	Hz	30/36	30/36
Amplitude	mm	1,90/0,96	1,70/0,86
Centrifugal force	kN	275/202	275/202
Centrifugal force	t	28,1/20,6	28,1/20,6

Capacities

	l	BOMAG BW 213 D-40	BOMAG BW 213 PD-40
Fuel	l	250,0	250,0

Technical modifications reserved. Machines may be shown with options.



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