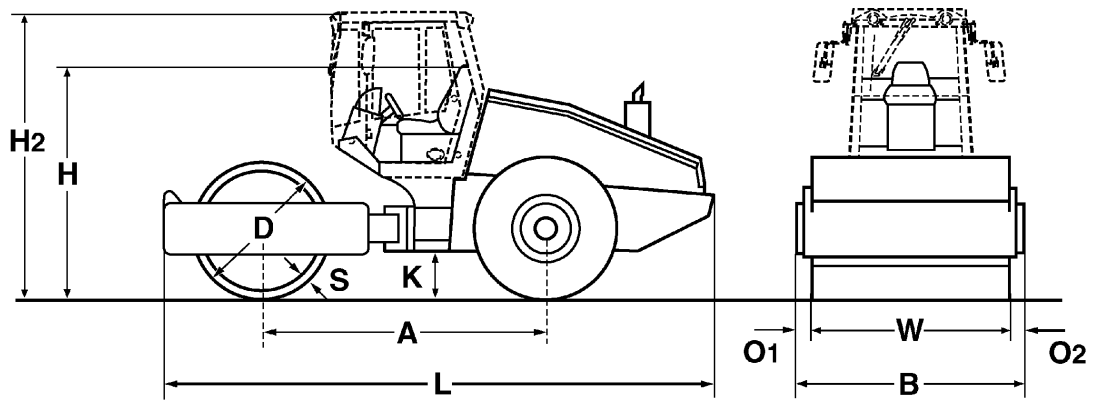


TECHNICAL DATA

SINGLE DRUM ROLLERS

BW 216 D-40, BW 216 PD-40





Dimensions in mm

	A	B	D	H	H2	K	L	O1	O2	S	W
BW 216 D-40	2960	2300	1500	2268	2985	490	5930	85	85	35	2130
BW 216 PD-40	2960	2300	1480	2268	2985	490	5930	85	85	25	2130

Shipping dimensions in m3

BW 216 D-40
BW 216 PD-40

without ROPS

30,933
30,933

with ROPS

40,712
40,712

Machine type	Compaction output (m3/h)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 216 D-40	650-1200	450-920	340-680	210-420
BW 216 PD-40	650-1200	450-920	340-680	250-500

Machine type	Compacted layer thickness (m)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 216 D-40	1,10	0,75	0,55	0,30
BW 216 PD-40	1,10	0,75	0,55	0,35

Technical Data

BOMAG BW 216 D-40

BOMAG BW 216 PD-40

Weights

Grossweight	kg	17.100	16.400
Max. axle load, drum CECE	kg	11.700	11.000
Max. axle load, wheels CECE	kg	5.400	5.400
Operating weight CECE	kg	15.200	15.700
Axle load, drum / wheels CECE	kg	10.200/5.000	10.700/5.000
Static linear load CECE	kg/cm	47,9	
Max. static linear load CECE	kg/cm	54,9	

Dimensions

Track radius, inner	mm	3.494	3.494
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Driving Characteristics

Speed (1)	km/h	0- 4,0	0- 4,0
Speed (2)	km/h	0- 5,0	0- 5,0
Speed (3)	km/h	0- 7,0	0- 7,0
Speed (4)	km/h	0- 11,0	0- 11,0
Max. gradeability without/with vibr.	%	48/45	50/47

Drive

Engine manufacturer		Deutz	Deutz
Type		BF4M 1013 EC	BF4M 1013 EC
Emission stage		Stage II / TIER2	Stage II / TIER2
Cooling		water	water
Number of cylinders		4	4
Performance ISO 3046	kW	114,0	114,0
Performance SAE J 1995	hp	153,0	153,0
Speed	min-1	2.200	2.200
Fuel		Diesel	Diesel
Electric equipment	V	12	12
Drive system		hydrost.	hydrost.
Drum driven		standard	standard

Drums and Tyres

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

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	35/12

Exciter system

Drive system		hydrost.	hydrost.
Frequency	Hz	30/36	30/36
Amplitude	mm	1,80/0,90	1,70/0,86
Centrifugal force	kN	275/202	275/202
Centrifugal force	t	28,1/20,6	28,1/20,6

Capacities

Fuel	l	250,0	250,0
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Technical modifications reserved. Machines may be shown with options.

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
- Self locking differential
- Warning horn
- Single lever control for travel and vibration
- Scrapers (2x)
- Emergency STOP
- Back-up warning system
- Operator seat
- Maintenance-free articulated joint

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 (2x)
- ECONOMIZER
- BOMAG Evib-Meter (BEM)
- Special painting
- Air condition
- Sun roof
- Radio (Bluetooth)
- BOMAP

