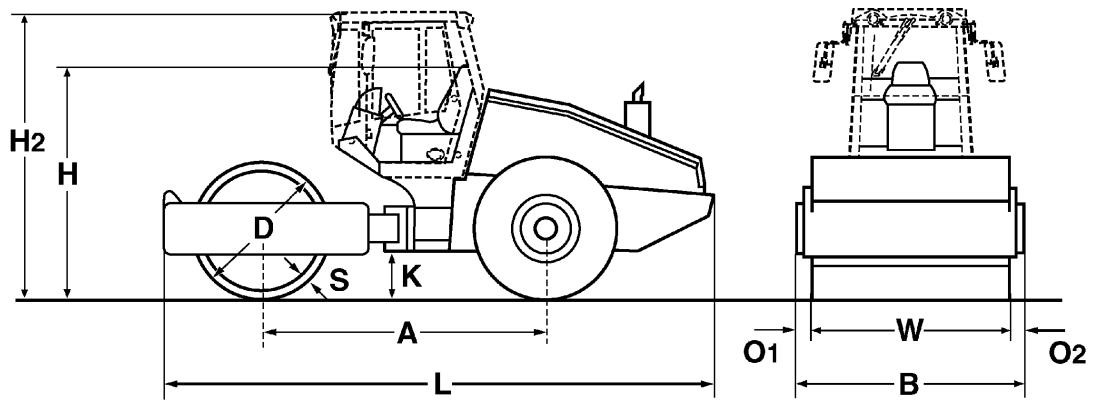


# TECHNICAL DATA

SINGLE DRUM ROLLER

BW 215 D-40





**Dimensions in mm**

	A	B	D	H	H2	K	L	O1	O2	S	W
<b>BW 215 D-40</b>	2960	2300	1500	2268	2985	490	5930	85	85	35	2130

**Shipping dimensions in m3**

**BW 215 D-40**

**without ROPS**

30,933

**with ROPS**

40,712

Machine type	Compaction output (m3/h)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 215 D-40	500-950	350-750	280-550	190-370

Machine type	Compacted layer thickness (m)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 215 D-40	0,90	0,60	0,50	0,25

## Technical Data

## BOMAG BW 215 D-40

### Weights

Grossweight .....	kg	15.600
Max. axle load, drum CECE .....	kg	9.360
Max. axle load, wheels CECE .....	kg	6.240
Operating weight CECE w. ROPS-cabin .....	kg	14.500
Axle load, drum CECE .....	kg	8.500
Axle load, wheels CECE .....	kg	6.000
Static linear load CECE .....	kg/cm	39,9
Max. static linear load CECE .....	kg/cm	39,5

### Dimensions

Track radius, inner .....	mm	3.494
---------------------------	----	-------

### Driving Characteristics

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

### Drive

Engine manufacturer .....		Deutz
Type .....		BF4M 2012 C
Emission stage .....		Stage II / TIER2
Cooling .....		Liquid
Number of cylinders .....		4
Performance ISO 3046 .....	kW	98,0
Performance SAE J 1995 .....	hp	132,0
Speed .....	min-1	2.300
Fuel .....		Diesel
Electric equipment .....	V	12
Drive system .....		hydrost.
Drum driven .....		standard

### Drums and Tyres

Tyre size .....		23.1-26/12PR
-----------------	--	--------------

### Brakes

Service brake .....		hydrost.
Parking brake .....		hydromec.

### Steering

Steering system .....		oscil.artic.
Steering method .....		hydrost.
Steering / oscillating angle +/- .....	grad	35/12

### Exciter system

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

### Capacities

Fuel .....	l	250,0
------------	---	-------

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
- Emergency STOP
- Back-up warning system
- Operator seat
- Maintenance-free articulated joint

### Optional Equipment

- Cabin with air conditioning
- 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
- Contact scrapers (2x)
- ECONOMIZER
- BOMAG Evib-Meter (BEM)
- Special painting
- Air condition
- Radio (Bluetooth)
- BOMAP
- Increased amplitude  
(2,2mm; 1,1mm)

