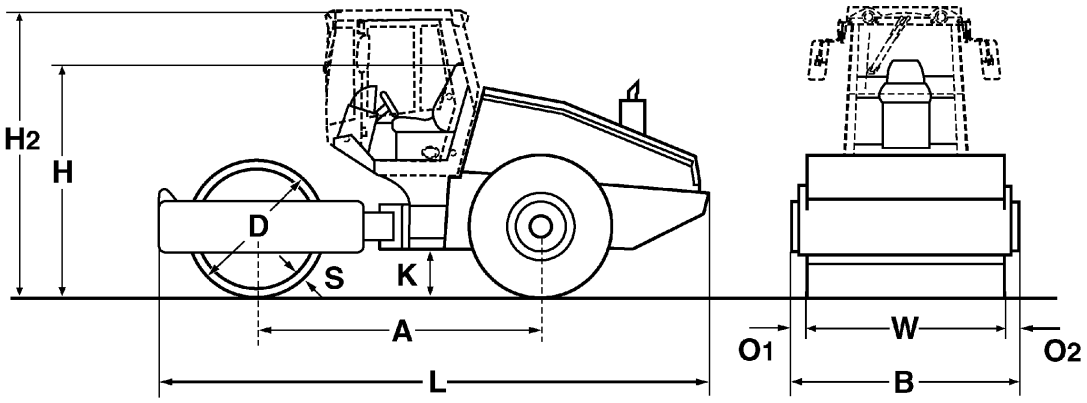
TECHNICAL DATA

SINGLE DRUM ROLLER

BW 215 D-40



Dimensions in mm

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

Shipping dimensions in m3	**without ROPS**	**with ROPS**
BW 215 D-40	30,933	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

- ☐ 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)

BOMAG
Hellerwald
D-56154 Boppard
P.O. Box 5162
Tel. (0)6742 - 1000
Fax (0)6742 - 3090