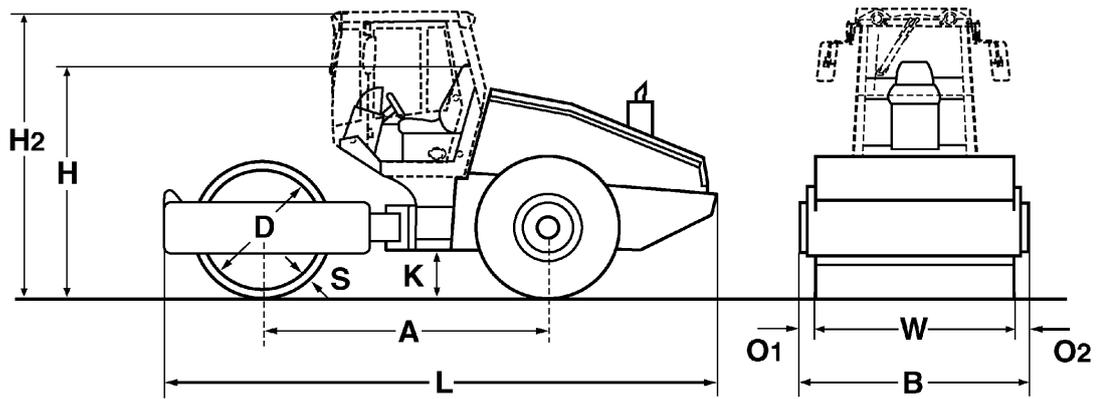


TECHNICAL DATA

SINGLE DRUM ROLLER

BW 218 D-40





Dimensions in mm

	A	B	D	H	H2	K	L	O1	O2	S	W
BW 218 D-40	2960	2480	1500	2268	2985	490	5930	175	175	35	2130

Shipping dimensions in m3

BW 218 D-40

without ROPS

33,354

with ROPS

43,899

Machine type	Compaction output (m3/h)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 218 D-40	800-1800	550-1100	420-840	260-520

Machine type	Compacted layer thickness (m)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 218 D-40	1,30	0,90	0,65	0,30

Technical Data

BOMAG BW 218 D-40

Weights

Grossweight	kg	19.100
Max. axle load, drum CECE	kg	13.400
Max. axle load, wheels CECE	kg	5.700
Operating weight CECE	kg	17.200
Axle load, drum CECE	kg	12.000
Axle load, wheels CECE	kg	5.200
Static linear load CECE	kg/cm	56,3
Max. static linear load CECE	kg/cm	62,9

Dimensions

Track radius, inner	mm	3.494
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Driving Characteristics

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

Drive

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

Drums and Tyres

Tyre size		23.1-26/12PR
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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
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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
- 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
- Rotary beacon
- Indicator and hazard lights
- Padfoot segment kit
- Contact scrapers
- ECONOMIZER
- BOMAG Evib-Meter (BEM)
- TERRAMETER BTM prof
- BCM 05 Documentation system
- Special painting
- Air condition
- Sun roof
- Warning, information and operation displays
- Radio (Bluetooth)

