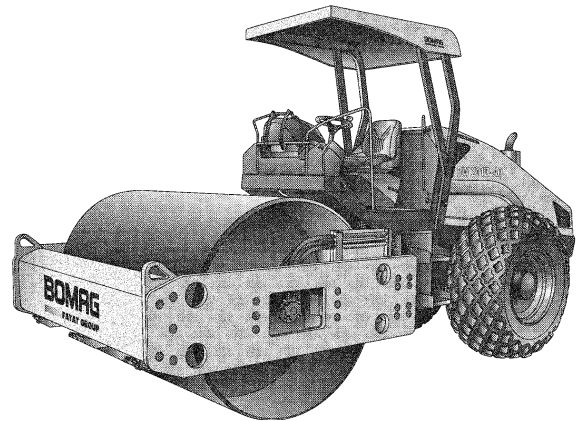


**SINGLE DRUM VIBRATORY ROLLER
BW 218 D-40**

PERFORMANCE DATA

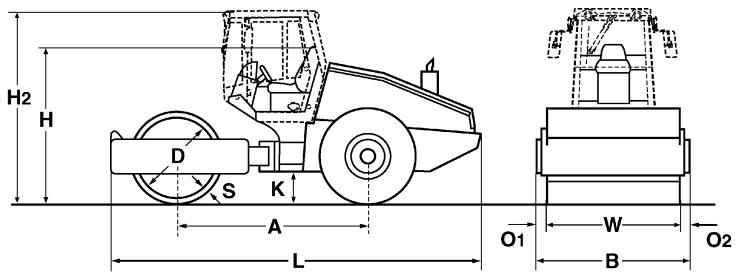


Machine type	Compaction output (m ³ /h)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 218 D-40	800-1800	550-1100	420-840	260-520

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

Shipping dimensions in m3	without ROPS	with ROPS H2
BW 218 D-40	33,354	43,899



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
- BOMAG Evib-Meter (BEM)
- TERRAMETER BTM prof
- BCM 05 Documentation system
- Special painting
- Air condition
- Sun roof
- Warning, information and operation displays
- Radio (Bluetooth)

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

Technical Data

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	2/2	
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.



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

