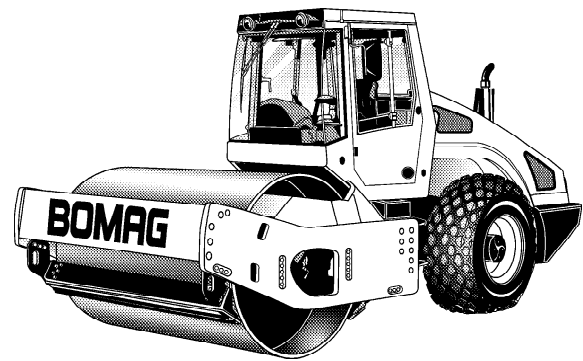


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SINGLE DRUM VIBRATORY ROLLERS BW 219 D-4, BW 219 PD-4

PERFORMANCE DATA



Machine type	Compaction output (m ³ /h)			
	Rock fill	Gravel, sand	mixed soil	Silt, clay
BW 219 D-4	940-1880	700-1400	560-960	250-500
BW 219 PD-4	940-1880	700-1400	560-960	280-560

Machine type	Compacted layer thickness (m)			
	Rock fill	Gravel, sand	mixed soil	Silt, clay
BW 219 D-4	1,40	1,00	0,70	0,30
BW 219 PD-4	1,40	1,00	0,70	0,30

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Technical Data

Shipping dimensions in m ³	without ROPS	with ROPS
BW 219 D-4	33,353	44,053
BW 219 PD-4	33,353	44,053

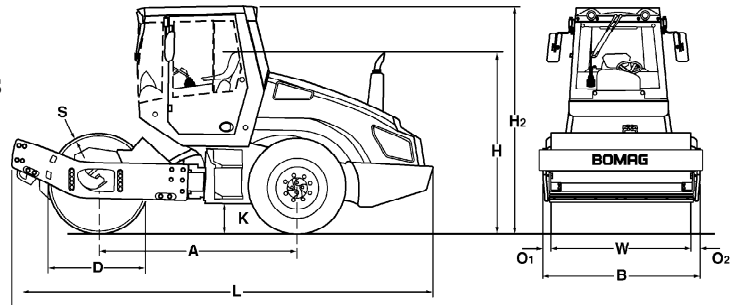
Standard Equipment

- 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
- Swivel seat, adjustable in height and longit. direction, with two armrests
- Contact scrapers (D:Plastic)
- Scrapers (PD:Steel)
- Emergency STOP
- Noise insulation
- Back-up warning system
- Engine-TIER III

Optional Equipment

- * ROPS cabin with seat belts
- * Working lights front/rear
- ROPS with safety belt
- Rotary beacon
- Indicator and hazard lights
- Contact scrapers (D:Steel)
- BOMAG Evib-Meter (BEM)
- TERRAMETER BTM plus
- TERRAMETER BTM prof
- BEM/BCM 05
- TERRAMETER/BCM 05
- Special painting
- Environmentally compliant hydraulic oil
- Air condition
- Sun roof
- Warning, information and operation displays
- Padfoot segment kit (D)
- Radio
- Protective ventilation system

* Standard delivery with CE conformity (valid within European Union)



Dimensions in mm

	A	B	D	H	H2	K	L	O1	O2	S	W
BW 219 D-4	3255	2300	1600	2288	3022	450	6338	85	85	40	2130
BW 219 PD-4	3255	2300	1500	2288	3022	450	6338	85	85	35	2130

Technical Data

Weights

	BOMAG BW 219 D-4	BOMAG BW 219 PD-4
Grossweight	21.650 kg	20.640
Operating weight CECE w. ROPS-cabin	20.150 kg	20.490
Axle load, drum CECE	12.900 kg	13.240
Axle load, wheels CECE	7.250 kg	7.250
Static linear load CECE	60,5 kg/cm	

Dimensions

	BOMAG BW 219 D-4	BOMAG BW 219 PD-4
Working width	2.130 mm	2.130
Track radius, inner	3.890 mm	3.890

Driving Characteristics

	BOMAG BW 219 D-4	BOMAG BW 219 PD-4
Speed (1)	0- 3,0 km/h	0- 3,0
Speed (2)	0- 4,0 km/h	0- 4,0
Speed (3)	0- 7,0 km/h	0- 7,0
Speed (4)	0- 11,0 km/h	0- 11,0
Max. gradeability without/with vibr.	50/48 %	52/50

Drive

	BOMAG BW 219 D-4	BOMAG BW 219 PD-4
Engine manufacturer	Deutz	Deutz
Type	TCD 2012 L06	TCD 2012 L06
Cooling	water	water
Number of cylinders	6	6
Performance ISO 3046	150 kW	150
Performance SAE J 1995	201 hp	201
Speed	2.200 min-1	2.200
Fuel	diesel	diesel
Electric equipment	V 12	12
Drive system	hydrost. standard	hydrost. standard

Drums and Tyres

	BOMAG BW 219 D-4	BOMAG BW 219 PD-4
Number of pad feet		150
Area of one pad foot		137 cm ²
Height of pad feet		100 mm
Tyre size	23.1-26/12PR	23.1-26/12PR

Brakes

	BOMAG BW 219 D-4	BOMAG BW 219 PD-4
Service brake	hydrost.	hydrost.
Parking brake	hydromec.	hydromec.

Steering

	BOMAG BW 219 D-4	BOMAG BW 219 PD-4
Steering system	oscil.artic.	oscil.artic.
Steering method	hydrost.	hydrost.
Steering / oscillating angle +/-	35/12 grad	35/12

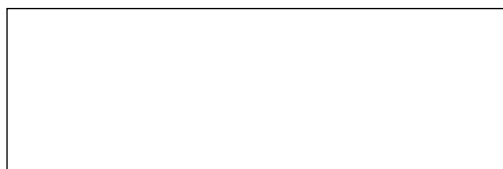
Exciter system

	BOMAG BW 219 D-4	BOMAG BW 219 PD-4
Drive system	hydrost.	hydrost.
Frequency	26/31 Hz	26/31
Amplitude	2,00/1,10 mm	1,70/1,10
Centrifugal force	314/240 kN	314/240
Centrifugal force	32 / 24,5 t	32 / 24,5

Capacities

	BOMAG BW 219 D-4	BOMAG BW 219 PD-4
Fuel	340 l	340

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
 Fax (0)6742 - 3090

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