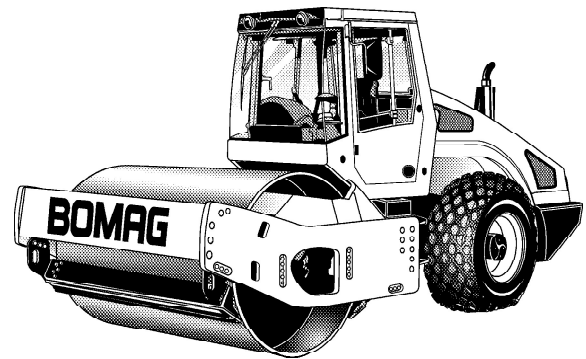


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SINGLE DRUM VIBRATORY ROLLERS BW 219 D-4, BW 219 PD-4

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 m3

BW 219 D-4

without ROPSwith ROPS

33,353 44,053

BW 219 PD-4

33,353 44,053

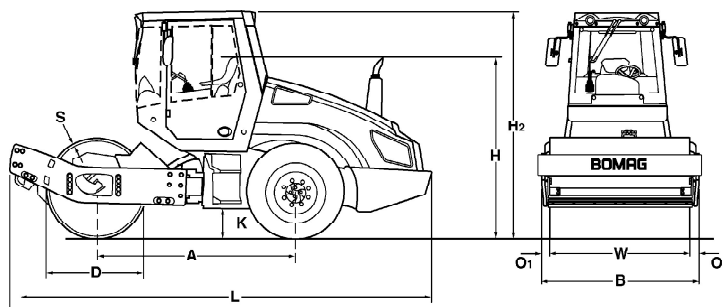
Standard Equipment

- ☒ 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

BW 219 D-4

BW 219 PD-4

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

Technical Data

Weights

Grossweight	kg	20.780	19.540
Operating weight CECE w. ROPS-cabin	kg	19.050	19.390
Axle load, drum CECE	kg	12.800	13.140
Axle load, wheels CECE	kg	6.250	6.250
Static linear load CECE	kg/cm	60,1	

Dimensions

Working width	mm	2.130	2.130
Track radius, inner	mm	3.890	3.890

Driving Characteristics

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

Drive

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

Drums and Tyres

Number of pad feet		150
Area of one pad foot	cm2	137
Height of pad feet	mm	100
Tyre size		23.1-26/12PR

Brakes

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

Steering

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

Exciter system

Drive system	hydrost.	hydrost.
Frequency	Hz	26/31
Amplitude	mm	2,00/1,10
Centrifugal force	kN	314/240
Centrifugal force	t	32 / 24,5

Capacities

Fuel	l	340	340
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Technical modifications reserved. Machines may be shown with options.

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