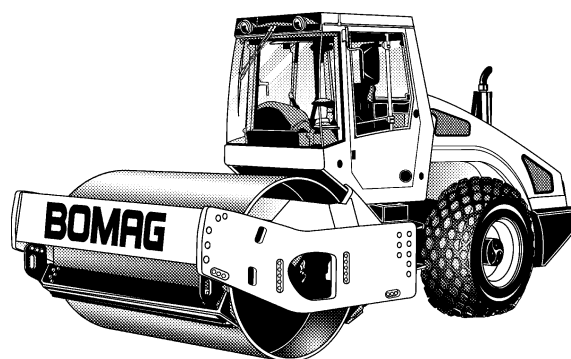


SINGLE DRUM VIBRATORY ROLLERS BW 219 D-4, BW 219 PD-4

PERFORMANCE DATA

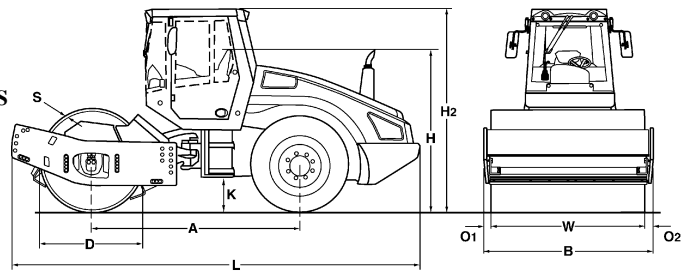


Machine type	Compaction output (m ³ /h)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 219 D-4	940-1880	700-1400	560-960	250-500
BW 219 PD-4	940-1880	700-1400	560-960	280-560

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

Technical Data

Shipping dimensions in m3	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
- Shock-mounted swivel seat, adjustable in height and length (Cabin)
- Contact scrapers (D:Plastic)
- Scrapers (PD:Steel)
- Emergency STOP
- Noise insulation
- Back-up warning system

Optional Equipment

- ROPS/FOPS 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 prof
- BCM 05 Documentation system
- Special painting
- Environmentally compliant hydraulic oil
- Air condition
- Sun roof
- Warning, information and operation displays
- Padfoot segment kit (D)
- Radio (Bluetooth)
- Protective ventilation system

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

	kg	BOMAG BW 219 D-4	BOMAG BW 219 PD-4
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

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

Driving Characteristics

	km/h	BOMAG BW 219 D-4	BOMAG BW 219 PD-4
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

		BOMAG BW 219 D-4	BOMAG BW 219 PD-4
Engine manufacturer		Deutz	Deutz
Type		TCD 2012 L06	TCD 2012 L06
Emission stage		3a/3	3a/3
Cooling		water	water
Number of cylinders		6	6
Performance ISO 3046	kW	150,0	150,0
Performance SAE J 1995	hp	201,0	201,0
Speed	min-1	2.200	2.200
Fuel		diesel	diesel
Electric equipment	V	12	12
Drive system		hydrost.	hydrost.
Drum driven		standard	standard

Drums and Tyres

		BOMAG BW 219 D-4	BOMAG BW 219 PD-4
Number of pad feet			150
Area of one pad foot	cm2		137
Height of pad feet	mm		100
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 +/-	grad	35/12	35/12

Exciter system

		BOMAG BW 219 D-4	BOMAG BW 219 PD-4
Drive system		hydrost.	hydrost.
Frequency	Hz	26/31	26/31
Amplitude	mm	2,00/1,10	1,86/1,00
Centrifugal force	kN	314/240	314/240
Centrifugal force	t	32,0/24,5	32,0/24,5

Capacities

		BOMAG BW 219 D-4	BOMAG BW 219 PD-4
Fuel	l	340,0	340,0

Technical modifications reserved. Machines may be shown with options.



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