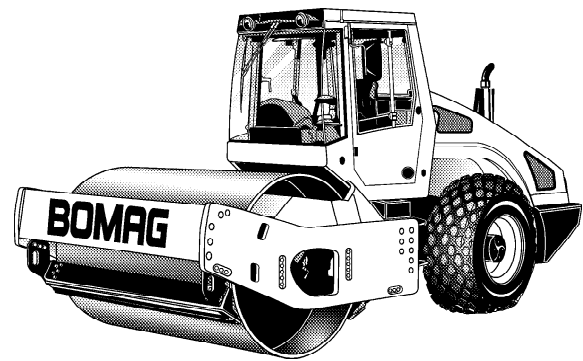


SINGLE DRUM VIBRATORY ROLLERS BW 219 DH-4, BW 219 PDH-4

PERFORMANCE DATA



Machine type	Compaction output (m ³ /h)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 219 DH-4	940-1880	700-1400	560-960	250-500
BW 219 PDH-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 DH-4	1,60	1,20	0,80	0,35
BW 219 PDH-4	1,60	1,20	0,80	0,40

Technical Data

Shipping dimensions in m3

BW 219 DH-4

BW 219 PDH-4

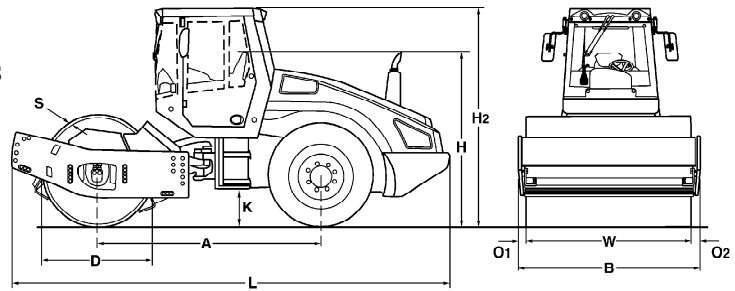
without ROPS with ROPS

33,353

44,053

33,353

44,053



Standard

- BOMAG ECOMODE
- Anti Slip Control (ASC)
- Warning, information and operation displays with LCD
- 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 (DH:Plastic)
- Scrapers (PDH:Steel)
- Emergency STOP
- Noise insulation
- Back-up warning system
- Engine-TIER III

Options

- * ROPS/FOPS cabin with seat belts
- * Working lights front/rear
- ROPS with safety belt
- Rotary beacon
- Indicator and hazard lights
- Contact scrapers (DH:Steel)
- BOMAG Evib-Meter (BEM)
- TERRAMETER BTMprof
- BCM05 Documentation system
- Special painting
- Environmentally compliant hydraulic oil
- Air condition
- Sun roof
- Slideable seat (DH)
- Padfoot segment kit
- Radio
- Protective ventilation system

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

Dimensions in mm

BW 219 DH-4

BW 219 PDH-4

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

Technical Data

Weights

Grossweight	kg	20.930	19.900
Operating weight CECE w. ROPS-cabin	kg	19.200	19.650
Axle load, drum CECE	kg	12.900	13.350
Axle load, wheels CECE	kg	6.300	6.300
Static linear load CECE	kg/cm	60,6	

Dimensions

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

Driving Characteristics

Speed (1)	km/h	0- 13,0	0- 13,0
Max. gradeability without/with vibr.	%	58/55	60/58

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	150
Performance SAE J 1995	hp	201	201
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

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

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	35/12

Exciter system

Drive system		hydrost.	hydrost.
Frequency (1)	Hz	26	26
Frequency (2)	Hz	31	31
Amplitude	mm	2,10/1,20	1,90/1,00
Centrifugal force	kN	326/240	326/240
Centrifugal force	t	33,3/24,5	33,3/24,5

Capacities

Fuel	l	340	340
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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
 Fax (0)6742 - 3090

BOMAG
 FAYAT GROUP