

## 15 Technical data

### 15.1 BH 23

#### Machine

Designation	Unit	BH 23				
Item no.		0610381 0610410	0610377	0610378	0610379	0610380
Length x Width x Height	mm (ft)	777 x 492 x 346 (2.5 x 1.6 x 1.1)			833 x 492 x 346 (2.7 x 1.6 x 1.1)	
Operating weight	kg (lb)	23 (51)	24 (53)		25 (55)	
Percussion rate	min <sup>-1</sup> (rpm)	1,300				
Single stroke energy	J	55				
Tool holder		∅ 27x80	hex 25x108	hex 28x152	hex 28x160	
Special lubricating grease		Retinax LX2 grease				
Sound power level L <sub>WA</sub> *	dB(A)	108				
Sound pressure level L <sub>pA</sub> at operator's station **	dB(A)	101				
Total vibration value of the acceleration a <sub>hv</sub> ***	m/s <sup>2</sup> (in/s <sup>2</sup> )	12 (472)				
Uncertainty of measure- ment of the vibration total value of the acceleration ahv	m/s <sup>2</sup> (in/s <sup>2</sup> )	3,0 (118)				

\* According to DIN EN ISO 3744.

\*\* According to DIN EN ISO 11201.

\*\*\* Determined according to DIN EN ISO 5349.

**Drive engine**

Designation	Unit	BH 23
Manufacturer		Wacker Neuson
Engine type		WM 80
Combustion method		2-cycle
Engine type		Gasoline engine
Engine displacement	cm <sup>3</sup> (in <sup>3</sup> )	80 (4.9)
Rated output*	kW	1,6
Rated speed	min <sup>-1</sup> (rpm)	4,250
Idle speed	min <sup>-1</sup> (rpm)	1,800–2,000
Operating fluid		Gasoline-oil mixture or 2-cycle prepared mixture Aspen
Fuel specification		Regular gasoline, lead-free 91 ROZ (87 R+M)
Oil specification, 2-cycle oil		NMMA TC-W3, JASO FC, JASO FD, ISO EGC, ISO EGD
Gasoline/2-cycle oil mixing ratio		50:1 (100:1)
Fuel consumption	l/h (gal/h)	0.9 (0.24)
Tank capacity	l (gal)	1.8 (0.48)
Cooling system		Air cooling
Spark plug		Bosch WR 7 AC Champion RL 86 C
Spark plug air gap	mm (in)	0.5 (0.02)

\* According to DIN ISO 3046-1.