

15.2 BH 24

Machine

Designation	Unit	BH 24				
		0610382	0610384	0610385	0610383	0610386
Item no.		0610382	0610384	0610385	0610383	0610386
Length x Width x Height	mm (ft)	848 x 492 x 346 (2.8 x 1.6 x 1.1)	905 x 492 x 346 (3.0 x 1.6 x 1.1)		858 x 492 x 346 (2.8 x 1.6 x 1.1)	905 x 492 x 346 (3.0 x 1.6 x 1.1)
Operating weight	kg (lb)	25 (55)	26 (57)		25 (55)	26 (57)
Percussion rate	min ⁻¹ (rpm)	1,250				
Single stroke energy	J	65				
Tool holder		∅ 27x80	hex 28x152	hex 28x160	hex 25x108	hex 32x160
Special lubricating grease		Retinax LX2 grease				
Sound power level L _{WA} *	dB(A)	108,5				
Sound pressure level L _{pA} at operator's station **	dB(A)	101				
Total vibration value of the acceleration a _{hV} ***	m/s ² (in/s ²)	6 (236)				
Uncertainty of measure- ment of the vibration to- tal value of the accelera- tion ahv	m/s ² (in/s ²)	1,0 (39)				

* According to DIN EN ISO 3744.

** According to DIN EN ISO 11201.

*** Determined according to DIN EN ISO 5349.

Machine

Designation	Unit	BH 24 Low Vib				
Item no.		0610388 0610393*	0610390	0610391	0610389	0610392
Length x Width x Height	mm (ft)	842 x 492 x 346 (2.8 x 1.6 x 1.1)	898 x 492 x 346 (2.9 x 1.6 x 1.1)		852 x 492 x 346 (2.8 x 1.6 x 1.1)	898 x 492 x 346 (2.9 x 1.6 x 1.1)
Operating weight	kg (lb)	25 (55)	26 (57)		25 (55)	26 (57)
Percussion rate	min ⁻¹ (rpm)	1,350				
Single stroke energy	J	55				
Tool holder		∅ 27x80	hex 28x152	hex 28x160	hex 25x108	hex 32x160
Special lubricating grease		Retinax LX2 grease				
Sound power level L _{WA} **	dB(A)	108,5				
Sound pressure level L _{pA} at operator's station ***	dB(A)	101				
Total vibration value of the acceleration a _{hv} ****	m/s ² (in/s ²)	4,9 (193)				
Uncertainty of measure- ment of the vibration total value of the acceleration ahv	m/s ² (in/s ²)	0,5 (20)				

* Remote cut-off (RS).

** According to DIN EN ISO 3744.

*** According to DIN EN ISO 11201.

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

Drive engine

Designation	Unit	BH 24	BH 24 Low Vib
Manufacturer		Wacker Neuson	
Engine type		WM 80	
Combustion method		2-cycle	
Engine type		Gasoline engine	
Engine displacement	cm ³ (in ³)	80 (4.9)	
Rated output*	kW	1,7	1,6
Rated speed	min ⁻¹ (rpm)	4,100	4,500
Idle speed	min ⁻¹ (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)	1.1 (0.29)	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.

