



Li-ion Battery & Charging Time Reference, Compatibility Chart

*with Battery fuel gauge

18V LITHIUM-ION	BL1815N 1.5Ah	*BL1820B 2.0Ah	*BL1830B 3.0Ah	*BL1840B 4.0Ah	*BL1850B 5.0Ah	*BL1860B 6.0Ah
DC18RC / DC18RE CXT & LXT Dual port Fast Charger	15 min	24 min	22 min	36 min	45 min	55 min
DC18SD	30 min	45 min	60 min	90 min	110 min	130 min

12Vmax LITHIUM-ION CXT	BL1016 1.5Ah	*BL1021B 2.0Ah	*BL1041B 4.0Ah
DC10SB / DC18RE CXT & LXT Dual port Fast Charger	22 min	30 min	60 min
DC10WD	50 min	70 min	130 min

Accessories

Able to stack on MAKPAC trolley for easy loading (option)

TR00000002
TR00000001(EU)





Cordless Rotary Hammer

DHR171 17 mm (11/16") **HR166D** 16 mm (5/8") **HR140D** 14 mm (9/16")

		DHR171 (18V LITHIUM-ION)	HR166D (12Vmax LITHIUM-ION)	HR140D (12Vmax LITHIUM-ION)
Impact Energy	EPTA-Procedure 05/2009 :	1.2 J	1.1 J	1.0 J
	Our experimental conditions :	1.1 J	1.0 J	0.9 J
Capacity	Concrete :	17 mm (11/16")	16 mm (5/8")	14 mm (9/16")
	Steel :	10 mm (3/8")	10 mm (3/8")	10 mm (3/8")
	Wood :	13 mm (1/2")	13 mm (1/2")	13 mm (1/2")
Blows Per Minute (BPM)		0 - 4,800	0 - 4,800	0 - 4,900
No Load Speed (RPM)		0 - 680	0 - 680	0 - 850
Vibration Level	Hammer Drilling Into Concrete :	9.0 m/s^2	7.5 m/s^2	6.5 m/s^2
	Drilling Into Metal :	2.5 m/s^2 or less	2.5 m/s^2 or less	3.0 m/s^2 or less
Sound Pressure Level / Sound Power Level		86 dB(A) / 97 dB(A)	86 dB(A) / 97 dB(A)	84 dB(A) / 95 dB(A)
Dimensions (L x W x H)		with BL1815N / BL1820B: 273x86x194 mm (10-3/4"x3-3/8"x7-5/8")	with BL1016/BL1021B: 250x74x187 mm (9-7/8"x2-15/16"x7-3/8")	with BL1016/BL1021B: 246x74x179 mm (9-11/16"x2-15/16"x7")
		with BL1830B / BL1840B / BL1850B / BL1860B: 273x86x211 mm (10-3/4"x3-3/8"x8-5/16")	with BL1041B: 250x74x206 mm (9-7/8"x2-15/16"x8-1/8")	with BL1041B: 246x74x198 mm (9-11/16"x2-15/16"x7-3/4")
Net weight		2.1-2.8 kg (4.6-6.2 lbs.)	1.8-2.4 kg (4.1-5.4 lbs.)	1.9-2.6 kg (4.3-5.6 lbs.)

Variable Speed · Brake (DHR171, HR166D) · Reversing · Adapted for SDS-PLUS bits · Constant Speed (DHR171, HR166D)
Dust Collection · Built-in Job Light · Carrying Case

Standard Equipment : Dust Cup (country-specific), Side Grip, Depth Gauge, Battery, Charger

The weight may differ depending on the attachment(s), including the battery cartridge.The lightest and heaviest combination, according to EPTA-Procedure 01/2014, are shown in the table.
Items of standard equipment and specifications may vary by country or area.

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Satisfy Professional's Needs

Cordless Rotary Hammer

DHR171 17 mm (11/16")
HR166D 16 mm (5/8") / **HR140D** 14 mm (9/16")

18V LITHIUM-ION · 12Vmax LITHIUM-ION

Adapted for SDS-PLUS bits

" One - Hand Size"

Cordless Rotary Hammer Series



Photo : DHR171

DHR171



HR166D



HR140D



" One - Hand Size"

Cordless Rotary Hammer Series

Adapted for SDS-PLUS bits
Bit is sold separately.



Photo : DHR171

Extremely compact & lightweight

Designed for ULTIMATE ease of use with power and speed

Powerful Brushless Motor

Longer run time and increased power and speed

BL MOTOR

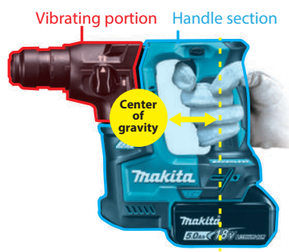


Vibration absorbing housing

reduces the vibration to the hand.

Well balanced design

Compact -shaped handle reduces the fatigue on the arm.



Dust Collection system

is suited for interior or overhead drilling where dust exposure must be controlled.

Dust cup set
Use with grip base set
Part No : 198376-8 (EU) , 198362-9





Photo : DHR171

Optional hook is convenient for temporarily hanging the tool.

Wide hook set (option)
Part No : 197224-8







Photo : DHR171

17mm Concrete — DHR171



More work volume

* Superior in work volume on a single full battery charge		Net weight
Ø6.0mm About	Ø10.5mm About	
220 holes	**130** holes	**2.1-2.8** kg
(With BL1850B)		

16mm Concrete — HR166D



Optimum balance between weight and speed

* Superior in work volume on a single full battery charge		Net weight
Ø6.0mm About	Ø10.5mm About	
85 holes	**50** holes	**1.8-2.4** kg
(With BL1041B)		

14mm Concrete — HR140D



Simple and compact

* Superior in work volume on a single full battery charge		Net weight
Ø6.0mm About	Ø10.5mm About	
65 holes	**40** holes	**1.9-2.6** kg
(With BL1041B)		

*Test conditions: Drilled holes to a depth of 40mm (1-9/16")
Test Material: Concrete with compressive strength of 40N/mm²