

6 in 1
for SDS-plus



Cordless Rotary Hammer

DHR171 17 mm (11/16")

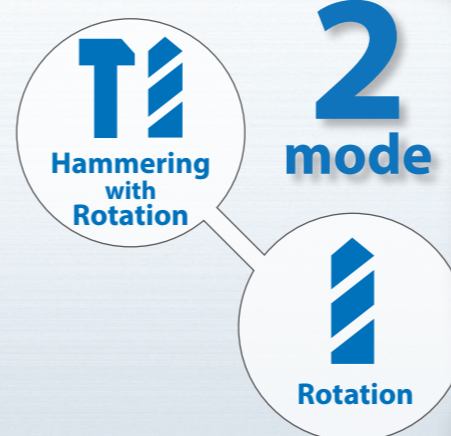
HR166D 16 mm (5/8") / **HR140D** 14 mm (9/16")



SDS-PLUS bit Shank

“ One - Hand Size ”

Cordless Rotary Hammer Series



Li-ion Battery & Charging Time Reference, Compatibility Chart *with Battery fuel gauge

Charger	18V LITHIUM-ION						12Vmax LITHIUM-ION CXT		
	BL1815N 1.5Ah	*BL1820B 2.0Ah	*BL1830B 3.0Ah	*BL1840B 4.0Ah	*BL1850B 5.0Ah	*BL1860B 6.0Ah	BL1016 1.5Ah	*BL1021B 2.0Ah	*BL1041B 4.0Ah
DC18RC	15 min	24 min	22 min	36 min	45 min	55 min	22 min	30 min	60 min
DC18RE CXT & LXT Dual port Fast Charger	30 min	45 min	60 min	90 min	110 min	130 min	50 min	70 min	130 min
DC18SD	30 min	45 min	60 min	90 min	110 min	130 min	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	HR166D	HR140D
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 BL1830B / BL1840B / BL1850B / BL1860B: 273x86x211 mm (10-3/4"x3-3/8"x8-5/16")	with BL1016/BL1021B: 250x74x187 mm (9-7/8"x2-15/16"x7-3/8") with BL1041B: 250x74x206 mm (9-7/8"x2-15/16"x8-1/8")	with BL1016/BL1021B: 246x74x179 mm (9-11/16"x2-15/16"x7") 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
- SDS-PLUS Shank
- 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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DHR171



HR166D



HR140D



Photo : DHR171

“ One - Hand Size ”

Cordless Rotary Hammer Series



SDS-PLUS bit Shank
Bit is sold separately.



Photo : DHR171

Extremely compact & lightweight
Designed for ULTIMATE ease of use with
power and speed

17^{Concrete}mm DHR171

More work volume



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

Net weight
2.1-2.8 kg

16^{Concrete}mm HR166D

Optimum balance
between weight and
speed



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

Net weight
1.8-2.4 kg

14^{Concrete}mm HR140D

Simple and compact



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

Net weight
1.9-2.6 kg

Powerful Brushless Motor

Longer run time and increased power and speed

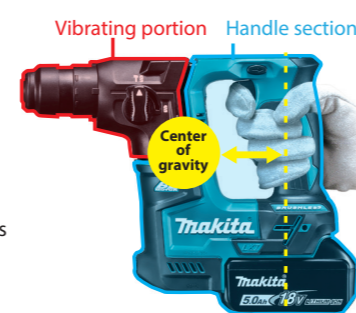


Vibration absorbing housing

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

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