Cordless Hammer Driver Drill Cordless Driver Drill Cordless Driver Drill Cordless Driver Drill HP333D / DF033D / DF333D 10 mm (3/8")

Compact body, Good maneuverability



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Cordless Hammer Driver Drill HP333D



Cordless Driver Drill DF033D



Photo: DF333D

Cordless Driver Drill DF333D

Suppress wobbling by ball bearing

20 Torque Settings -

keyless chuck

(DF331D, HP331D)

10mm (3/8") Single-sleeve

Single LED job light with

pre-glow and afterglow

Variable speed control by trigger

V/max UITHIUM JON

Photo: HP333D

functions

Mechanical 2-speed

transmission

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Ergonomic handle for driver-drill applications



In order to provide maximum A In order to provide management thrust to the bit, the top back of the handle is ergonomically contoured and widened according to the U-shape formed between user's thumb and index finger.

Ribbed rubber grip enables B all finger tips to hold the handle securely against the strong rotational force of counter torque even in single-handed operation.





Cordless Hammer Driver Drill			Cordless Driver D
HP333D 10 mm (3/8")			DF033D / DF333
		HP333D	DF033D
Variable Speed	Capacity	Steel / Wood / Masonry : 10 / 21 / 8 mm	Steel / Wood : 10 / 21 mm
		(3/8"/13/16"/5/16")	(3/8" / 13/16")
Brake	Chuck Capacity	0.8 - 10 mm (1/32 - 3/8")	-
	Hex Shank	-	6.35 mm (1/4")
Reversing	Impacts Per Minute (IPM)	High / Low : 0 - 25,500 / 0 - 6,750	-
	No Load Speed (RPM)	High / Low : 0 - 1,700 / 0 - 450	High / Low : 0 - 1,700 / 0 - 450
Mechanical 2-Speed	Max Fastening Torque	Hard / Soft : 30 / 14 N·m (270 / 130 in.lbs.)	Hard / Soft : 30 / 14 N·m (270 / 130
	Max lock torque	28 N·m (250 in.lbs.)	28 N·m (250 in.lbs.)
Torque Setting 20	Max Output	170 W	170 W
	Clutch torque setting	0.5 - 3.5 N·m (4 - 30 in.lbs.)	0.5 - 3.5 N·m (4 - 30 in.lbs.)
Built-in Job Light	Vibration Level	Impact Drilling into Concrete : 13.0 m/s ²	-
	a 15 i i	Drilling into Metal : 2.5 m/s ² or less	Drilling into Metal : 2.5 m/s ² or les
Carrying Case	Sound Pressure Level	82 dB(A)	70 dB(A) or less
	Sound Power Level	93 dB(A)	-
	Dimensions (L x W x H)	w/BL1016/BL1021B:193x66x212 mm	w/BL1016/BL1021B:149x66x212
		(7-5/8"x2-5/8"x8-3/8")	(5-7/8"x2-5/8"x8-3/8")
		w/BL1041B:193x66x229mm	w/BL1041B:149x66x229 mm
	Net weight	(7-5/8"x2-5/8"x9") 1.1 - 1.3 kg (2.4 - 2.9 lbs.)	(5-7/8"x2-5/8"x9")
	Net weight	1.1 - 1.5 КУ (2.4 - 2.9 ЮS.)	0.9 - 1.1 kg (2.1 - 2.4 lbs.)

Standard Equipment : Phillips Bit, Belt Clip, Battery, Charger

Drill **D** 10 mm (3/8")

Belt clip

30 in.lbs.)

2 mm

DF333D Steel/Wood: 10/21 mm (3/8" / 13/16") 0.8 - 10 mm (1/32 - 3/8")

High / Low : 0 - 1,700 / 0 - 450 Hard / Soft : 30 / 14 N·m (270 / 130 in.lbs.) 28 N·m (250 in.lbs.) 170 W 0.5 - 3.5 N·m (4 - 30 in.lbs.)

-Drilling into Metal : 2.5 m/s² or less 70 dB(A) or less w/ BL1016/BL1021B : 179x66x212 mm

(7"x2-5/8"x8-3/8") w/ BL1041B : 179x66x229 mm (7"x2-5/8"x9") 1.1 - 1.2 kg (2.4 - 2.7 lbs.)

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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