

**BL  
MOTOR**

Ergonomically designed handle  
with soft grip

Compatible with the following  
Makita 18V Li-ion batteries



Tool hanger

Rear dust exhaust port

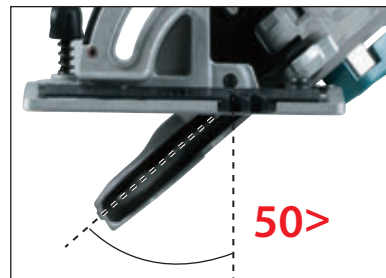


Optional dust nozzle  
Part No. 196961-1

Blower function

blows sawdust o the cut line  
ahead for a better cutting  
view.

Bevel cuts up to **50** degrees

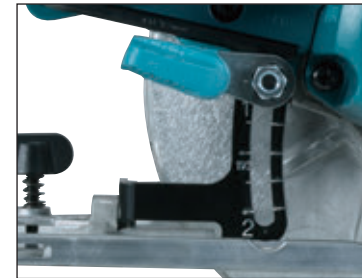


Twin LED Job light



brightly illuminates  
the blade and cut  
line for easy cutting  
of workpiece in the dark place.  
with preglow  
function

Large lock-off lever



easy-to-operate  
even with gloved hand

Charger






DC18RC



Charging time (3.0Ah)  
22minutes

DC18SE (Automotive)  
Charging time (3.0Ah)  
60minutes



Cordless Circular Saw DHS680ZJ 165mm	
 Brake	<b>Max cutting capacity</b> at 0 degrees : 57mm at 45 degrees : 41mm at 50 degrees : 37mm
 Dust Collecting	<b>Blade diameter</b> 165mm
 Built-in Job Light	<b>No load speed (r/min)</b> 5,000
 Carrying Case	<b>Dimensions</b> BL1850 : 350x170x238mm (L x W x H)
 Soft Start	BL1815N : 336x170x238mm
<b>Net weight</b> BL1850 : 3.3kg BL1815N : 3.1kg	
<b>Standard Equipment :</b> Fast Charger, Battery Cartridge, TCT Saw Blade, Hex Wrench, Rip Fence	

weight according to EPTA-Procedure 01/2003

Items of standard equipment and specifications may vary by country or area.

**Battery and Charger Not Included!**

**Makita**

**Cordless Circular Saw  
DHS680ZJ 165mm**

Satisfy Needs

**18V  
LITHIUM-ION**



**High-efficiency Brushless motor  
provides higher power and  
more work amount.**



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# High Power Cutting



## Automatic speed control

automatically changes the cutting speed according to load condition for an optimum operation:  
On light duty: high-speed rotation mode  
On heavy duty: high torque mode  
1 solid green LED: high torque mode

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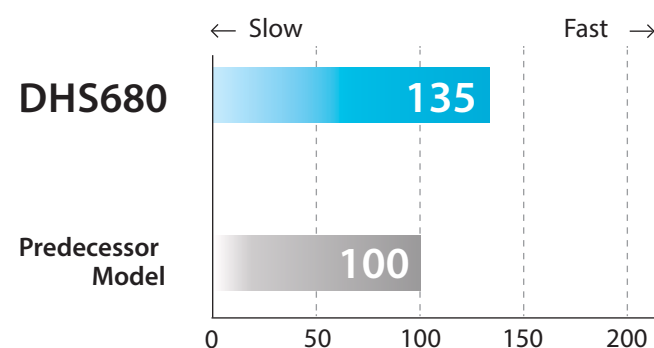
## Comparison of Efficiency

### Test conditions

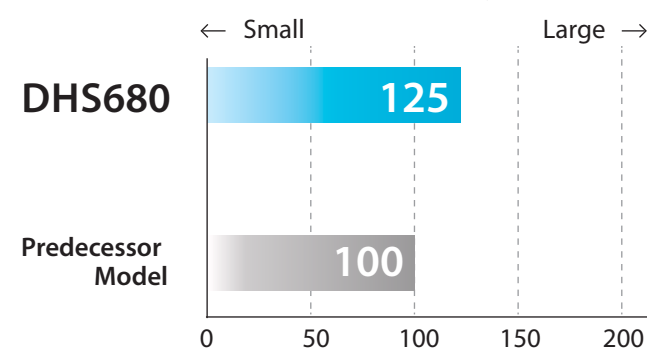
Test material: SPF of 2 x 10 (38mm x 235mm)

Bevel angle: 0°

### Cutting Speed



### Work amount (on a single full battery charge)



Note:

1. The test results depend to a great extent on the hardness of materials, etc.

2. The numbers in the charts are relative values when the capacities of the predecessor model are indexed at 100.

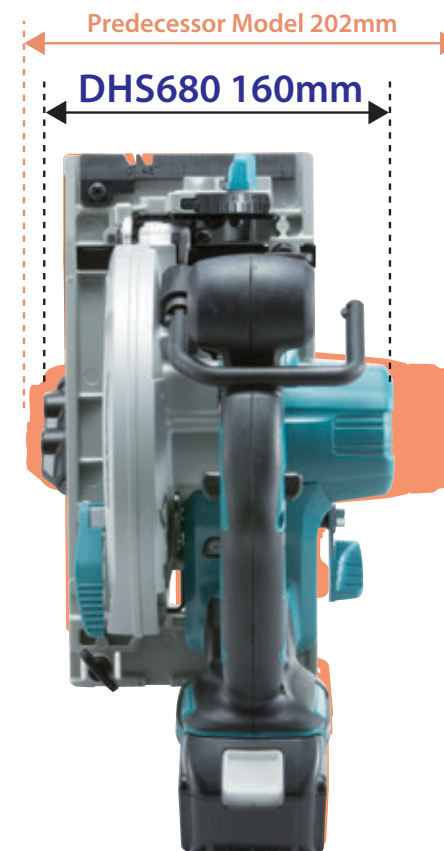
## Compact and lightweight design

achieved by:

Downsized motor and better placement of parts  
Using durable but light magnesium die-cast for Base, Blade case and Safety cover.

Predecessor Model  
**3.5 kg**

DHS680  
**3.3 kg**



## Optional dust nozzle



**Optional dust nozzle** (Part No. 196961-1)  
can be attached for use with a vacuum cleaner.

## LED indicator panel for 3 indications

(1) Battery fuel gauge (active after the switch trigger has been released)

The power remaining in the battery can be indicated in 3 stages:

- 3 solid red LEDs : more than 50% of full battery capacity
- 2 solid red LEDs : 20% to 50% of full battery capacity
- 1 solid red LED : less than 20% of full battery capacity



(2) Indication of Automatic speed control (active during operation)

- All LEDs off: high-speed rotation mode
- 1 solid green LED: high torque mode



(3) Indication of Overload All LEDs start blinking when Overload protection has been activated to stop the motor.

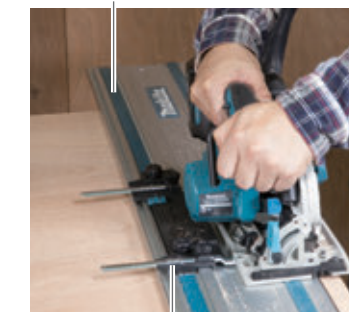


## Tool hanger



## Guide rail (Option)

Overall length	Part No.
1.4m	194368-5
1.9m	194925-9
3m	194367-7



Guide rail adapter (Option)  
Part No. 196953-0