

HIKOKI

UNLEASH the NEXT

Electronic Disc Grinder
with Brushless Motor
G 23BYE



The Industry's First*¹ 230mm Disc Grinder with Highly Efficient and Durable Brushless Motor

**BRUSH
LESS**
Brushless Motor

Outstanding Grinding Performance*².
Less Fatigue with Lighter Weight*¹.

Lightest
in its Class*¹

4.2kg

NEW

High Level of Safety

*1. As of December 2018. Among 230mm disc grinders made by leading power tool manufacturers. (Survey by Koki Holdings)
*2. Vs. the existing model G23SW2 Disc Grinder.

*Depressed center wheel sold separately.

Outstanding Grinding Performance*1. Less Fatigue with Lighter Weight*2.

The industry's first*2 230mm disc grinder with highly efficient and durable brushless motor provides approx. 25% higher*1 grinding performance and less fatigue with lighter weight*2.

Approx.
25%
Higher Grinding
Performance

Lightest
in its Class*2
4.2kg

BRUSH LESS
Brushless Motor

HIKOKI Original Brushless Motor Technology

- No wearing parts(carbon brushes, commutator, rotor coil)
- HIKOKI original compact controller



Long Lifetime, Maintenance-free



Stable Performance during Voltage Drops



Compact, Lightweight



Compatible with Engine Generators

High Level of Safety

1. Brake System

Reduces the time required for the motor to stop when the tool is turned off, enabling more efficient work.

Use only the wheel washer supplied (No.374314) with the tool. Please do not use any other wheel washers.



2. 0-Voltage Restart Protection

Prevents the tool from restarting after the power has been temporarily cut off during operation to avoid accidents.

3. Kickback Protection

Detects a sudden drop in motor rotation speed and rapidly stops the motor to reduce the reaction force (kickback).

4. Trigger Switch with Off-Lock

Prevents an accidental start, which may cause a serious injury or accident.

5. Overload Protection

6. Soft Start

Status Indicator Lamp
Indicates tool status.

- Green light : Power on
- Red light : 0-voltage restart protection on
- Blinking red: Overload protection on

Detachable Dust Filter
Prevents ingress of dust or gravel for improved durability.





Vibration-absorbing Side Handle

Tool-less Wheel Guard
Can be set at the desired angle.



Lever **Release** **Lock**

When the lever is released, the angle of the wheel guard can be changed freely. When the lever is locked, the angle of the wheel guard is locked.

*Depressed center wheel sold separately.

Specifications

Model		G 23BYE
Wheel	Outer Dia.	230mm
	Hole Dia.	22.23mm
Spindle Thread		M14 x 2
Power Input		2,200W
No Load Speed		6,600/min
Overall Length		468mm
Weight*3		4.2kg
Vibration Total Values (triax vector sum)*4	Surface Grinding	Vibration Emission Value, aH, AG=10.3m/s ² Uncertainty K=1.5m/s ²
Standard Accessories		Side Handle, Wrench

*1. Vs. the existing model G23SW2.

*2. As of December 2018. Among 230mm disc grinders made by leading power tool manufacturers. (Survey by Koki Holdings)

*3. According to EPTA-Procedure 01/2003.

*4. Vibration Total Values (triax vector sum) determined according to EN60745.

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