

HIKOKI

Electronic Disc Grinders
with Brake

100mm G 10BYEQ

115mm G 12BYEQ

125mm G 13BYEQ



**BRUSH
LESS**
Brushless Motor

Safety Comes First and FAST

Fast Brake + Paddle Switch for Maximum Safety

NEW

**1.6x
Higher***
Grinding
Performance

* G13BYEQ vs. G13SQ2 (existing model).
Actual performance may vary according to the workpiece material and other operating conditions.

HiKOKI

Safety Comes First and FAST

HiKOKI's 5 Serious Safety Features

1 Paddle Switch

Stops the wheel when released. For even more safety, the paddle switch cannot be pulled unless the lock-off lever is pushed down.



2 Electronic Brake

Stops the wheel within seconds when the trigger is released, so users can get back to work quickly without wasting time waiting around for the wheel to slow down. The brake is also applied in case of unintentional disconnection of the power cord.*1

Time required for the wheel to stop*2

G 13BYEQ (new model) (with brake)

Approx.
1.5 sec.

Approx. **4.7 sec. Faster!**

G 13SQ2 (existing model) (without brake)

Approx. **6.2 sec.**

Approx.
**4x
FASTER
Stop**

3 Kickback Protection System

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

4 Zero Voltage Restart Protection

Prevents unintentional restart of the tool for accident avoidance.

5 Soft Start

Reduces the load felt by the user at start-up.

**1.6x
Higher*3
Grinding Performance**

Increased Protection against Dust and Debris

Fine Mesh

NEW

Dust Filter

(Comes as standard. Also sold separately: Code No.376313)

Prevents dust particles from entering the motor housing.



Electronic Disc Grinders with Brake

G 10BYEQ



G 12BYEQ



G 13BYEQ



**BRUSH
LESS**
Brushless Motor

Specifications

Model	G 10BYEQ	G 12BYEQ	G 13BYEQ
Capacity			
Wheel Dia.	100mm	115mm	125mm
Hole Dia.	16mm	22.23mm	22.23mm
Thickness	6mm	6mm	6mm
Spindle Thread	M10x1.5	M14 x 2	M14 x 2
Power Input *4	1320W (230V)		
No Load Speed	10,000/min		
Overall Length	309mm		
Weight *4 *5	1.8kg	2.2kg	2.2kg
Standard Accessories*6	Side Handle, Wrench, Hex. Bar Wrench 4mm		

*1. To prevent the wheel from falling off, the brake will not be applied when the switch is released right after startup.

*2. The values are shown for reference purposes and vary according to the workpiece material and other operating conditions.

*3. G13BYEQ vs. G13SQ2 (existing model). Actual performance may vary according to the workpiece material and other operating conditions.

*4. Varies by sales area. *5. Weight according to EPTA-Procedure 01/2014. *6. Standard accessories may differ depending on the market area.

Koki Holdings Co., Ltd.