

Electronic Disc Grinders

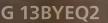
125mm G 13VE2 125mm G 13BYEQ2



G 13VE2

NEW

Tough and Powerful Designed to Make Heavy-Duty Jobs Easier









Durability to Withstand Rough Jobsite Conditions



The motor redesigned with new components allows increased durability.

More

Dust

Resistant

Long Lasting Controller

The electronic controller is insulated and protected against metallic dust.

Dust Resistant Filter

The fine mesh filter of the air inlet drastically increases the dust resistance.

Standard Accessory Fine Mesh Dust Filter



*2. Vs. HiKOKI's G10VE disc grinder. The value shown is for reference purposes and may vary according to the workpiece materials and other operating conditions.

Dust Filter

Maintenance-Free and Highly Efficient AC Brushless Motor

1 Longer Lifetime**

The AC brushless motor offers a significantly extended product life cycle by eliminating trouble including armature burnout, layer short or commutator wear even in severe work environments.

2 Maintenance-Free

No carbon brush replacement is required, which saves time and cost.

3 Stable Operation during Voltage Drop

The performance isn't affected as much by voltage drop from long extension cords on site. This vastly improves electrical efficiency.

4 Excellent Grinding Performance with Less Fluctuation in Speed

The highly efficient AC brushless motor and electronic speed control maintains the speed and ensures work efficiency even when the load increases.

*3. Compared with HiKOKI brushed disc grinders. *4. Use an extension cord no longer than 50m.

Small Grip Circumference

For more comfort and control

Ergonomic

Design

VEW 'Continue To Run' Function

Even after the motor has stopped due to overloading, it gets activated automatically if the load decreases within 1.5 seconds, so users do not have to restart the tool manually.



The motor may not automatically restart when the kick-back protection is activated or for other safety reasons. In that case, the tool needs to be turned off and on manually

3 Position Side Handle

Fitting the side handle on top of the tool allows for easy operation in tight spaces.

1	2,500	Polishing, Finishing Removal of Paint or Coat, Removal of Rust, Removal of Burrs	A
2	3,200		6
3	4,700		
4	6,400		
5	7,700	•— Grinding	TOTAL DATE
6	8,500	•— Rough Grinding, Cutting	VPICT2

Tool-less Wheel Guard

The wheel guard can be installed or adjusted just by pulling the quick release lever.





G 13VE2

The rotation speed can be adjusted with a dial between 2,500/min and 8,500/min according to the application.

Dial Settings and No Load Speeds

Variable Speed Control

Dial	No Load Speed (/min)	Use	C
1	2,500	Polishing, Finishing	6
2	3,200	Removal of Paint or Coat.	
3	4,700	Removal of Rust,	
4	6,400	Removal of Burrs	
5	7,700	•— Grinding	
6	8,500	- Rough Grinding, Cutting	R112

Easy to Use Switch G 13VE2

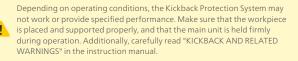
The stepped design of the power switch makes it easy to operate.



Great Safety Features

Kickback Protection System

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



Electronic Brake G 13BYEQ2

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.

Use only the wheel washer supplied.

Electronic Disc Grinders

125mm G 13VE2

BRUSHLESS

125mm G 13BYEQ2

BRUSHLESS

Restart Protection

The motor does not restart after the power has been temporarily cut off during operation to avoid accidents.

Soft Start

Allows comfortable operation by reducing the reaction force on start up.

Paddle Switch G 13BYEQ2

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



Specifications

· · ·		
Model	G 13VE2	G 13BYEQ2
Switch Type	Slide Switch	Paddle Switch
Wheel Dia.	125	mm
Capacity Hole Dia.	22.2	3mm
Thickness	6n	าฑ
Spindle Thread	M14 x 2	
Power Input	1,320W	
Max Power Output	1,900W	
No Load Speed	2,500 - 8,500/min	8,500/min
Overall Length	323mm	
Weight*1	2.4kg	
Standard Accessories*2	Wheel Guard, Side Handle, Guard Clip, Wrench	
Kickback Protection	Yes	Yes
Restart Protection	Yes	Yes
Soft Start	Yes	Yes
Variable Speed	Yes	No
Brake	No	Yes

*1. Weight: according to EPTA-Procedure 01/2014.

*2. Standard accessories vary by country or area.

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