

Slide Switch Type



	GA021G (BRAKE)	GA022G (BRAKE)	GA023G (BRAKE)
Wheel Diameter	100 mm (4")	115 mm (4-1/2")	125 mm (5")
Hole Diameter	16 mm (5/8")	22.23 mm (7/8")	22.23 mm (7/8")
No Load Speed (RPM)	3,000 - 8,500	3,000 - 8,500	3,000 - 8,500
Vibration Level	5.0 m/s ²	5.5 m/s ²	6.5 m/s ²
Surface Grinding w/ Normal Side Grip:	2.5 m/s ² or less	2.5 m/s ² or less	2.5 m/s ²
Disc Sanding w/ Normal Side Grip:	81 dB(A) / 92 dB(A)	81 dB(A) / 92 dB(A)	81 dB(A) / 92 dB(A)
Sound Pressure Level / Sound Power Level	413x117x150 mm (16-1/4"x4-5/8"x5-7/8")	413x130x156 mm (16-1/4"x5-1/8"x6-1/8")	413x140x156 mm (16-1/4"x5-1/2"x6-1/8")
Dimensions (L x W x H) with / BL4025:	425x117x162 mm (16-3/4"x4-5/8"x6-3/8")	425x130x168 mm (16-3/4"x5-1/8"x6-5/8")	425x140x168 mm (16-3/4"x5-1/2"x6-5/8")
with / BL4040:	2.8 - 3.4 kg (6.2 - 7.5 lbs.)	3.0 - 3.6 kg (6.6 - 7.9 lbs.)	3.0 - 4.4 kg (6.6 - 9.7 lbs.)
Net weight			

	GA024G	GA025G	GA026G
Wheel Diameter	100 mm (4")	115 mm (4-1/2")	125 mm (5")
Hole Diameter	16 mm (5/8")	22.23 mm (7/8")	22.23 mm (7/8")
No Load Speed (RPM)	3,000 - 8,500	3,000 - 8,500	3,000 - 8,500
Vibration Level	5.0 m/s ²	5.5 m/s ²	6.5 m/s ²
Surface Grinding w/ Normal Side Grip:	2.5 m/s ² or less	2.5 m/s ² or less	2.5 m/s ²
Disc Sanding w/ Normal Side Grip:	81 dB(A) / 92 dB(A)	81 dB(A) / 92 dB(A)	81 dB(A) / 92 dB(A)
Sound Pressure Level / Sound Power Level	413x117x146 mm (16-1/4"x4-5/8"x5-3/4")	413x130x152 mm (16-1/4"x5-1/8"x6")	413x140x152 mm (16-1/4"x5-1/2"x6")
Dimensions (L x W x H) with / BL4025:	425x117x158 mm (16-3/4"x4-5/8"x6-1/4")	425x130x165 mm (16-3/4"x5-1/8"x6-1/2")	425x140x165 mm (16-3/4"x5-1/2"x6-1/2")
with / BL4040:	2.8 - 3.4 kg (6.2 - 7.5 lbs.)	2.9 - 3.5 kg (6.4 - 7.7 lbs.)	2.9 - 4.4 kg (6.4 - 9.7 lbs.)
Net weight			

Variable Speed Brake Soft Start Dust Collection Carrying Case
▲ GA021G, GA022G, GA023G

Standard equipment : Grinding Wheel, Toolless Wheel Cover, Side Grip, Lock Nut Wrench, Battery, Charger

Paddle Switch Type



	GA027G (BRAKE)	GA028G (BRAKE)	GA029G (BRAKE)
Wheel Diameter	100 mm (4")	115 mm (4-1/2")	125 mm (5")
Hole Diameter	16 mm (5/8")	22.23 mm (7/8")	22.23 mm (7/8")
No Load Speed (RPM)	3,000 - 8,500	3,000 - 8,500	3,000 - 8,500
Vibration Level	4.5 m/s ²	5.0 m/s ²	6.0 m/s ²
Surface Grinding w/ Normal Side Grip:	2.5 m/s ² or less	2.5 m/s ²	3.0 m/s ²
Disc Sanding w/ Normal Side Grip:	81 dB(A) / 92 dB(A)	81 dB(A) / 92 dB(A)	82 dB(A) / 93 dB(A)
Sound Pressure Level / Sound Power Level	413x117x150 mm (16-1/4"x4-5/8"x5-7/8")	413x130x156 mm (16-1/4"x5-1/8"x6-1/8")	413x140x156 mm (16-1/4"x5-1/2"x6-1/8")
Dimensions (L x W x H) with / BL4025:	425x117x162 mm (16-3/4"x4-5/8"x6-3/8")	425x130x168 mm (16-3/4"x5-1/8"x6-5/8")	425x140x168 mm (16-3/4"x5-1/2"x6-5/8")
with / BL4040:	2.9 - 3.4 kg (6.4 - 7.5 lbs.)	3.0 - 3.6 kg (6.6 - 7.9 lbs.)	3.0 - 4.5 kg (6.6 - 9.9 lbs.)
Net weight			

	GA030G	GA031G	GA032G
Wheel Diameter	100 mm (4")	115 mm (4-1/2")	125 mm (5")
Hole Diameter	16 mm (5/8")	22.23 mm (7/8")	22.23 mm (7/8")
No Load Speed (RPM)	3,000 - 8,500	3,000 - 8,500	3,000 - 8,500
Vibration Level	4.5 m/s ²	5.0 m/s ²	6.0 m/s ²
Surface Grinding w/ Normal Side Grip:	2.5 m/s ² or less	2.5 m/s ² or less	3.0 m/s ²
Disc Sanding w/ Normal Side Grip:	81 dB(A) / 92 dB(A)	81 dB(A) / 92 dB(A)	82 dB(A) / 93 dB(A)
Sound Pressure Level / Sound Power Level	413x117x146 mm (16-1/4"x4-5/8"x5-3/4")	413x130x152 mm (16-1/4"x5-1/8"x6")	413x140x152 mm (16-1/4"x5-1/2"x6")
Dimensions (L x W x H) with / BL4025:	425x117x158 mm (16-3/4"x4-5/8"x6-1/4")	425x130x165 mm (16-3/4"x5-1/8"x6-1/2")	425x140x165 mm (16-3/4"x5-1/2"x6-1/2")
with / BL4040:	2.8 - 3.4 kg (6.2 - 7.5 lbs.)	2.9 - 3.6 kg (6.4 - 7.9 lbs.)	3.0 - 4.4 kg (6.6 - 9.7 lbs.)
Net weight			

Variable Speed Brake Soft Start Dust Collection Carrying Case
▲ GA027G, GA028G, GA029G

Standard equipment : GA027GD201 - Grip 36 complete 158237-4(1), Lock nut wrench 20 782420-7(1), Connector plastic case (type 4) 821552-6(1), Inner tray 835E79-0(1), GRINDING WHEEL 100X6X16 A-80852(1), Battery BL4025 set 191B41-0(2), DC40RA FAST CHARGER DC40RA(1).

Product Comparison List

Model No.			No load speed (rpm)	Switch	AWS	BL motor	AFT	Brake	XPT	Anti-restart function
100mm	115mm	125mm								
GA021G NEW	GA022G NEW	GA023G NEW	3,000 - 8,500	Slide	●	●	●	●	●	●
GA024G NEW	GA025G NEW	GA026G NEW	3,000 - 8,500	Slide	●	●	●	●	●	●
GA003G	GA004G	GA005G	8,500	Slide		●	●	●	●	●
GA006G	GA007G	GA008G	8,500	Slide		●	●	●	●	●
GA027G NEW	GA028G NEW	GA029G NEW	3,000 - 8,500	Paddle	●	●	●	●	●	●
GA030G NEW	GA031G NEW	GA032G NEW	3,000 - 8,500	Paddle	●	●	●	●	●	●
GA011G	GA012G	GA013G	8,500	Paddle		●	●	●	●	●
GA014G	GA015G	GA016G	8,500	Paddle		●	●	●	●	●

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.

AWS

BL MOTOR

(BRAKE)

AFT

XPT

GA021G, GA022G, GA023G, GA027G, GA028G, GA029G,

XGT
40V^{Li-ion}max

Switch on the tool



**Vacuum cleaner
is activated**

AWS
Auto-start Wireless System

The wireless activation function enables clean and comfortable operation. By connecting a supported tool to the cleaner, you can run the cleaner automatically along with the switch operation of the tool.



about
**40%
UP**

Cutting speed
Cutting depth: 20mm (concrete)

GA021G 140

18V Predecessor Model 100

Slow

Fast

Work amount on a full battery charge*
Battery: BL4040

about **7m**
Cutting depth: 20mm

*1 The test results depend to a great extent on the test material etc.



**Variable speed control dial
(3,000 - 8,500 RPM)**

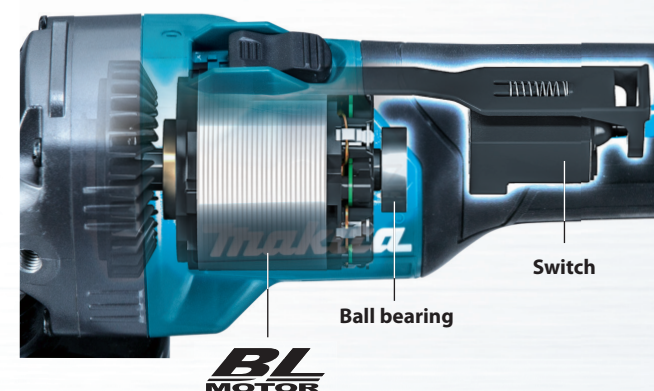
Matches the speed to your application.



	No load speed (RPM)	Cutting / Rough grinding	Grinding / Finish grinding	Rust removal / Paint removal	Stainless steel polishing
1	3,000				✓
2	4,500			✓	✓
3	6,000		✓	✓	✓
4	7,500		✓		
5	8,500	✓			

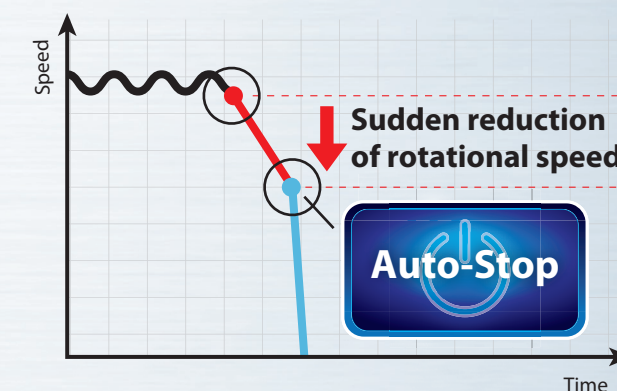
High durability

- Largest ball bearing supports the motor.
- New switch design to reduce contact weariness.



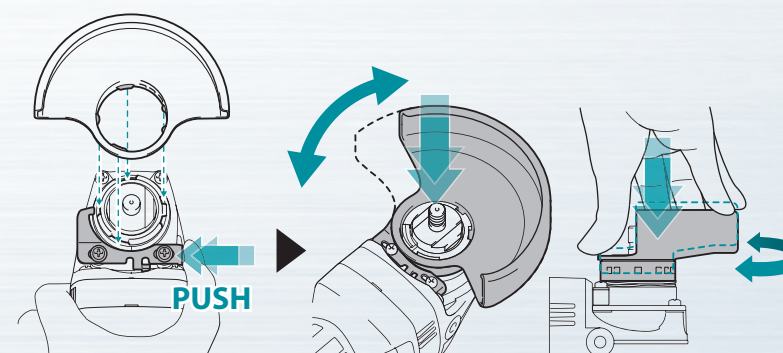
AFT Active Feedback sensing Technology

Shuts down the tool, if the rotation speed suddenly slows down.



New toolless wheel cover (Slide lever style)

allows for fast and easy angle adjustment and installation / removal of wheel cover.



Electric brake
maximizes productivity and increases safety for operator
(GA021G/GA022G/GA023G/GA027G/GA028G/GA029G)

XPT
EXTREME PROTECTION TECHNOLOGY

Extreme Protection Technology
is engineered for improved dust and water resistance



Accessories

Dust collection wheel guard

for offset diamond wheel

for diamond wheel



Part No.	Size	Type
191F81-2	125mm	for offset diamond wheel
191G06-2	125mm	for diamond wheel

Wheel cover

for cut-off wheel



Part No.	Size
162555-4	100mm
162556-2	115mm
162557-0/140N45-1	125mm

Cutting Wheel Cover Attachment for cutting work

can be attached to the wheel cover for grinding with easy assembling.



Part No.	Size
199709-0	115mm
199710-5	125mm



Vibration proof grip set



Part No. 194514-0