## **GCV160 Vertical Crankshaft**



- Unique overhead cam design helps reduce fuel consumption
- The world's first general purpose engine internal timing belt
- · Proven lifetime timing belt design
- · Auto Choke System available
- · Automatic mechanical decompression



Displacement 160 cm³ Net Power Output* 4.4 HP (3.3 kW) ⊚ 3,600 rpm  Net Torque 6.9 lb-ft (9.4 Nm) ⊚ 2,500 rpm PTO Shaft Rotation Counterclockwise (from PTO shaft side) Compression Ratio 8.5:1 Fuel Tank Capacity 0.93 lifres (0.98 U.S. qts) Carburetor Horizontal type butlerfly valve Ignition System Recoil/electric Lubrication System Oil Capacity 0.55 lifres (0.58 U.S. qts) Fuel Unleaded 86 octane or higher  Dry (paper filter) Oil Capacity 0.55 lifres (0.58 U.S. qts) Fuel Unleaded 86 octane or higher  Width (min) 367 mm (14.4") Width (min) 347 mm (13.7")  TO_SHAFT_OPTIONS  AR type N/A B type N/A  K type N/A  K type N/A  K type N/A  K type N/A  NI type Straight shaft N5 type Straight shaft N5 type Straight shaft N5 type N/A  N1 type Straight shaft N5 type N/A  N1 type N/A  Straight shaft N5 type N/A  N1 type N/A  Straight shaft N5 type N/A  Straight shaft N5 type N/A  Straight shaft N5 type N/A  Straight shaft N6 type N/A  Straight shaft N7 type N/A  Straight shaft N7 type N/A  Straight shaft N6 type N/A  Straight shaft N7 type N/A  Straight shaft N6 type N/A  Straight shaft N7 type N/A  Straight shaft N6 type N/A  Straight shaft N7 type N/A  Straight shaft N7 type N/A  Straight shaft N6 type N/A  Straight shaft N7 type N/A  Straight shaft N7 type N/A  Straight shaft	SPECIFICATIONS			
Net Torque 6.9 lb-ft (9.4 Nm) @ 2,500 rpm PTO Shaft Rotation Counterclockwise (from PTO shaft side)  Compression Ratio 8.5 l Fuel Tank Capacity 0.93 litres (0.98 U.S. qts)  Carburetor Horizontal type butterfly valve Ignition System Transistorized magneto  Starting System Recoll/electric Lubrication System Splash  Governor System Centrifugal mechanical Air Cleaner Dry (paper filter)  Oil Capacity 0.55 litres (0.58 U.S. qts) Fuel Unleaded 86 octane or higher  Dry Weight 10.0 kg (22.0 lbs)  MENSIONS  Length (min) 367 mm (13.7")  TO_SHAFT_OPTIONS  AZ type Straight shaft AR type N/A  B type N/A H type N/A  K type N/A L type N/A  K type N/A Straight shaft N5 type Straight shaft N7 type Straight shaft P type N/A  N7 type Straight shaft P type N/A  Straight shaft P type N/A  Straight shaft Straight shaft Straight shaft P type N/A  Straight shaft Straight Straight shaft Straight shaft Straight shaft Straight shaft Straight shaft Straight shaft Straight Straight shaft Straight Straight Shaft St	Engine Type	Air-cooled 4-stroke OHC	Bore x Stroke	64 mm x 50 mm
Compression Ratio 8.5:1 Fuel Tank Capacity 0.93 litres (0.98 U.S. qts) Carburetor Horizontal type butterfly valve Ignition System Transistorized magneto Starting System Recoil/electric Lubrication System Splash Governor System Centrifugal mechanical Air Cleaner Dry (paper filter) Oil Capacity 0.55 litres (0.58 U.S. qts) Fuel Unleaded 86 octane or higher  Dry Weight 10.0 kg (22.0 lbs)  MENSIONS  Length (min) 367 mm (14.4") Width (min) 331 mm (13.0")  Height (min) 347 mm (13.7")  TO_SHAFT_OPTIONS  A2 type Straight shaft AR type N/A  B type N/A D type N/A  E type N/A L type N/A  K type N/A  N1 type Straight shaft N5 type Straight shaft N5 type Straight shaft N7 type Straight shaft P type N/A  N7 type Straight shaft P type N/A  S type N/A S type N/A S type Straight shaft N/A  R type N/A S type N/A  S type N/A S type N/A Straight shaft P type N/A  S type N/A S type Straight shaft P type N/A  S type N/A S type N/A S type Straight shaft P type N/A  S type N/A S type Straight shaft P type N/A  S type N/A S type Straight shaft P type N/A  S type N/A S type Straight shaft P type N/A	Displacement	160 cm <sup>3</sup>	Net Power Output*	4.4 HP (3.3 kW) @ 3,600 rpm
Carburetor Horizontal type butterfly valve Ignition System Transistorized magneto Starting System Recoil/electric Lubrication System Splash Governor System Centrifugal mechanical Air Cleaner Dry (paper filter) Oil Capacity 0.55 litres (0.58 U.S. qts) Fuel Unleaded 86 octane or higher  Dry Weight 10.0 kg (22.0 lbs)  IMENSIONS  Length (min) 367 mm (14.4") Width (min) 331 mm (13.0")  Height (min) 347 mm (13.7")  TO_SHAFT_OPTIONS  A2 type Straight shaft AR type N/A  B type N/A H type N/A  K type N/A L type N/A  K type N/A  N1 type Straight shaft N5 type Straight shaft N5 type Straight shaft N7 type Straight shaft P type N/A  N7 type Straight shaft P type N/A  Q type N/A R type N/A  S type N/A Straight shaft P type N/A  S type N/A Straight shaft P type N/A  S type N/A S type Straight shaft P type N/A  S type N/A S type Straight shaft P type N/A  S type N/A S type Straight shaft P type N/A  S type N/A S type Straight shaft S type Straight shaft	Net Torque	6.9 lb-ft (9.4 Nm) @ 2,500 rpm	PTO Shaft Rotation	Counterclockwise (from PTO shaft side)
Starting System Recoil/electric Lubrication System Splash Governor System Centrifugal mechanical Air Cleaner Dry (paper filter)  Oil Capacity 0.55 litres (0.58 U.S. qts) Fuel Unleaded 86 octane or higher  Dry Weight 10.0 kg (22.0 lbs)  MENSIONS  Length (min) 367 mm (14.4") Width (min) 331 mm (13.0")  Height (min) 347 mm (13.7")  TO_SHAFT_OPTIONS  AZ type Straight shaft AR type NI/A  B type NI/A  L type NI/A  K type NI/A  K type NI/A  K type NI/A  K type NI/A  MI type Straight shaft N5 type Straight shaft N5 type  Straight shaft N7 type Straight shaft P type  NI/A  Q type NI/A  Q type NI/A  Q type NI/A  R type NI/A  S type NI/A	Compression Ratio	8.5:1	Fuel Tank Capacity	0.93 litres (0.98 U.S. qts)
Governor System         Centrifugal mechanical         Air Cleaner         Dry (paper filter)           Oil Capacity         0.55 litres (0.58 U.S. qts)         Fuel         Unleaded 86 octane or higher           Dry Weight         10.0 kg (22.0 lbs)         ***********************************	Carburetor	Horizontal type butterfly valve	Ignition System	Transistorized magneto
Oil Capacity         0.55 litres (0.58 U.S. qts)         Fuel         Unleaded 86 octane or higher           Dry Weight         10.0 kg (22.0 lbs)           IMENSIONS           Length (min)         367 mm (14.4")         Width (min)         331 mm (13.0")           Height (min)         347 mm (13.7")           TO_SHAFT_OPTIONS           A2 type         Straight shaft         AR type         N/A           B type         N/A         H type         N/A           E type         N/A         H type         N/A           K type         N/A         L type         N/A           N1 type         Straight shaft         P type         N/A           N7 type         Straight shaft         P type         N/A           Q type         N/A         R type         N/A           S type         N/A         Straight shaft         P type         N/A	Starting System	Recoil/electric	<b>Lubrication System</b>	Splash
Dry Weight   10.0 kg (22.0 lbs)	Governor System	Centrifugal mechanical	Air Cleaner	Dry (paper filter)
Length (min)         367 mm (14.4")         Width (min)         331 mm (13.0")           Height (min)         347 mm (13.7")         Width (min)         331 mm (13.0")           TO_SHAFT_OPTIONS           A2 type         Straight shaft         AR type         N/A           B type         N/A         D type         N/A           E type         N/A         H type         N/A           K type         N/A         L type         N/A           N1 type         Straight shaft         P type         N/A           N7 type         Straight shaft         P type         N/A           Q type         N/A         R type         N/A           S type         N/A         S traight shaft         S traight shaft	Oil Capacity	0.55 litres (0.58 U.S. qts)	Fuel	Unleaded 86 octane or higher
Length (min) 367 mm (14.4") Height (min) 347 mm (13.7")  TO_SHAFT_OPTIONS  A2 type Straight shaft AR type N/A  B type N/A D type N/A  K type N/A H type N/A  K type N/A  N1 type Straight shaft N5 type Straight shaft N5 type Straight shaft N7 type Straight shaft N7 type N/A  Q type N/A R type N/A  S type N/A S type N/A  S type N/A S type Straight shaft S type Straight shaft S type N/A  S type N/A S type Straight shaft S type S traight shaft S type S type S traight shaft S type S	Dry Weight	10.0 kg (22.0 lbs)		
Height (min) 347 mm (13.7")  TO_SHAFT_OPTIONS  A2 type Straight shaft AR type N/A  E type N/A  K type N/A  K type N/A  N1 type N/A  N1 type Straight shaft N5 type Straight shaft P type N/A  Q type N/A  R type N/A  S type N/A  S type N/A  S type N/A  S type Straight shaft Straight shaft N5 type Straight shaft N/A  S type N/A  S type N/A  S type Straight shaft Straight shaft N/A	IMENSIONS			
A2 type Straight shaft AR type N/A B type N/A E type N/A K type N/A  K type N/A  N1 type N/A  Straight shaft N/A  R type N/A  R type N/A  R type N/A  S type Straight shaft N/A  S type Straight shaft Straight Shaft Straight Shaft N/A  S type N/A  S type Straight shaft S type Straight Shaft N/A  S type S type S traight Shaft S type S traight Shaft S type S type S traight Shaft S type S t	Length (min)	367 mm (14.4")	Width (min)	331 mm (13.0")
A2 type Straight shaft AR type N/A B type N/A D type N/A E type N/A H type N/A K type N/A L type N/A N1 type Straight shaft N5 type Straight shaft P type N/A Q type N/A R type N/A S type N/A S type Straight shaft R type Straight shaft S type N/A N1 type Straight shaft S type N/A S type N/A S type Straight shaft S type S traight shaft S type S traight shaft S type N/A	Height (min)	347 mm (13.7")		
B type N/A D type N/A  E type N/A H type N/A  K type N/A L type N/A  N1 type Straight shaft N5 type Straight shaft P type  N/A R type N/A  Q type N/A R type N/A  S type N/A Straight shaft S 3 type Straight shaft	PTO_SHAFT_OPTIONS			
E type N/A H type N/A  K type N/A L type N/A  N1 type Straight shaft N5 type Straight shaft P type N/A  Q type N/A R type N/A  S type N/A Straight shaft Stype N/A  N7 type N/A S type Straight shaft Stype N/A  S type N/A S type Straight shaft Stype Stype Straight shaft Stype Styp	A2 type	Straight shaft	AR type	N/A
K type N/A L type N/A  N1 type Straight shaft N5 type Straight shaft  N7 type Straight shaft P type N/A  Q type N/A R type N/A  S type Straight shaft S3 type Straight shaft	B type	N/A	D type	N/A
N1 type Straight shaft N5 type Straight shaft P type N/A Q type N/A R type N/A S type N/A Straight shaft Straight shaft Straight shaft Straight shaft N/A S type Straight shaft N/A	E type	N/A	H type	N/A
N7 type Straight shaft P type N/A Q type N/A R type N/A S type N/A S3 type Straight shaft	K type	N/A	L type	N/A
Q type N/A R type N/A S type N/A S3 type Straight shaft	N1 type	Straight shaft	N5 type	Straight shaft
S type N/A S3 type Straight shaft	N7 type	Straight shaft	P type	N/A
	Q type	N/A	R type	N/A
T type N/A V type N/A	S type	N/A	S3 type	Straight shaft
	T type	N/A	V type	N/A

\*The power rating of the engine indicated in this document is the net power output tested on a production engine for the engine model and measured in accordance with SAE J1349 at 3,600 rpm (net power) and at 2,500 rpm (max net torque). Mass production engines may vary from this value. Actual power output for the engine installed in the final machine will vary depending on numerous factors, including the operating speed of the engine in application, environmental conditions, maintenance, and other variables.

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For optimum performance and safety, please read your owner's manual before operating your Honda product. Always wear the appropriate safety gear when operating your Honda.

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