GXV160 Vertical Crankshaft



- Precision camshaft design for precise valve timing and optimal valve overlap
- OHV design for increased efficiency and optimal power transfer
- Ball-bearing supported crankshaft for improved stability
- Oil Alert
- · Multiple charging coil options



Displacement 160 cm² Net Power Output* 4.4 HP (3.3 kW) @ 3,600 rpm	SPECIFICATIONS			
Net Torque 6.9 Ib-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 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 (14.4") Width (min) 331 mm (13.0") TO_SHAFT_OPTIONS A2 type Straight shaft AR type NIA B type NIA H type NIA K type NIA L type NIA K type NIA N1 type Straight shaft N5 type Straight shaft N5 type Straight shaft N7 type Straight shaft P type NIA N7 type Straight shaft P type NIA S type NIA Straight shaft Stype NIA S type NIA Straight shaft P type NIA S type NIA Straight shaft Stype NIA S type NIA Straight shaft P type NIA S type NIA Straight shaft Stype Straight shaft Stype NIA S type NIA Straight shaft Stype Stype Straight shaft Stype	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 K type N/A K type N/A N1 type N/A N1 type Straight shaft N5 type Straight shaft N5 type Straight shaft N7 type Straight shaft P type N/A S type N/A R type N/A S type N/A Straight shaft P type N/A	Displacement	160 cm ³	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 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 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 S type N/A K type N/A R 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 S type Straight shaft S type N/A S type N/A S type Straight shaft S type Straight shaft S type Straight shaft S type S type Straight shaft S type S ty	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) 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 M1 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 taight shaft S type S traight shaft	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) Width (min) 331 mm (13.0") IMENSIONS Length (min) 367 mm (14.4") Width (min) 331 mm (13.0") Height (min) 347 mm (13.7") N/A TO_SHAFT_OPTIONS A2 type NI/A AR type N/A B type NI/A H type N/A E type N/A L type N/A K type N/A N/A N/A M1 type Straight shaft N5 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 S type Straight shaft	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 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 Straight shaft S type Straight shaft	Starting System	Recoil/electric	Lubrication System	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") 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 N5 type Straight shaft P type N/A N7 type N/A R type N/A N/A S type N/A S traight shaft S type 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 H type N/A K type N/A L 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 Straight shaft S type N/A S type N/A S type N/A S type Straight shaft S type N/A S type N/A S type S traight shaft S type S traight shaft S type S traight shaft S type N/A	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 N7 type Straight shaft P type N/A Q type N/A S type N/A S type N/A S type Straight shaft Straight shaft Straight shaft N/A S type N/A S type N/A S type Straight shaft Straight shaft Straight shaft Straight shaft Straight shaft Straight shaft Straight Shaft Straight Shaft Straight Shaft Shaft Shaft Shaft Straight Shaft	DIMENSIONS			
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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 R type N/A Q type N/A R type N/A S type N/A Straight shaft R type Straight shaft Straight shaft Straight shaft R type N/A S type N/A S type Straight shaft S type Straight 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 N7 type Straight shaft P type N/A Q type N/A R type N/A S type Straight shaft S type Straight shaft N/A N/A S type N/A S type Straight shaft S type Straight shaft N/A	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 N5 type Straight shaft Stype N/A S type N/A Stype Straight shaft Stype Straight shaft N/A	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 N/A Straight shaft Straight shaft Straight shaft N/A S type Straight shaft N/A	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 P type Straight shaft Stype 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

*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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