

**HONDA**

**NOT ALL ENGINES  
ARE CREATED EQUAL**



**iGX V-Twin EFI Series Engines**

CONSUMER AND DEALER



**When it  
Comes to  
Horsepower,  
Knowledge  
is Powerful.**



**If horsepower is a factor in your buying decision, compare with care.**

Some engine manufacturers publish gross horsepower, which rates engine output without key components installed. Honda specifies net horsepower, which rates the engine with the production muffler and air filter in place. We believe net horsepower, calculated using the SAE J1349 standard, more accurately reflects the power an operator will experience when using equipment in real world conditions.



**SAE J1349**

**vs.**



**SAE J1940/J1995**

*Rated with air filter and muffler in place.*

*Rated without air filter and muffler in place.*

## Power Output Comparisons: Honda Net vs. Other's Gross

SAE J1349 RATING	SAE J1940/SAE J1995 RATING*	
<b>Honda iGX</b>	<b>VANGUARD</b>	<b>KOHLER Command Pro</b>
<b>iGX700 (22.1 HP)</b>	<b>5404 (25 HP)</b>	<b>ECH740 (25 HP)</b>
<b>iGX800 (24.8 HP)</b>	<b>5414 (27 HP)</b>	<b>CH752 (27 HP)</b>

## Why Choose Honda iGX V-Twin Engines?



### SAE J1349

Net horsepower is closer to the output in actual working conditions



### Drive-By-Wire Control

No more mechanically operated control cables



### Electronic Fuel Injection

Improves fuel efficiency, run time, and eliminates carburetor issues



### LED Fault Indicator

Quickly identifies potential servicing concerns



### STR Governor

Provides more stable engine speed under high load conditions



### Premium Regulator

Efficiently dissipates battery-damaging heat



### Forged Steel Connecting Rods

Added strength and durability for higher horsepower engines



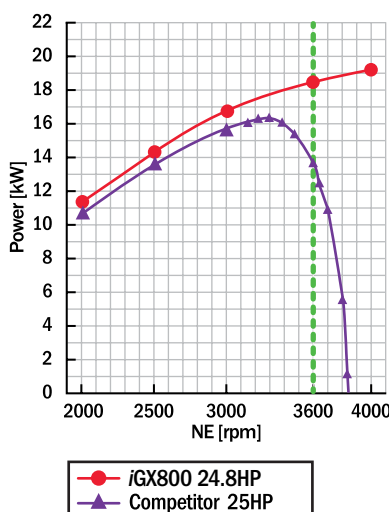
### 3-Year Warranty

Legendary Honda quality, reliability, and durability backed by a 3-Year Warranty

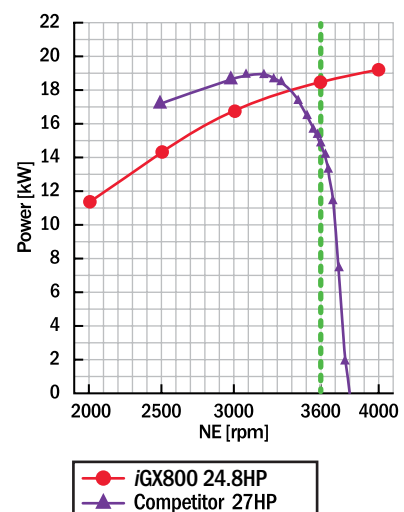
## Why Choose a Honda iGX V-Twin with STR Governor?

- Electronically controlled, not mechanically
- Maintains a stable engine speed under changing load conditions, while mechanical systems typically exhibit excessive droop, resulting in decreased performance, especially under heavy load conditions

Comparison of Governor Curve STR versus Competitive Mechanical\*\*



Comparison of Governor Curve STR versus Competitive Mechanical\*\*



The power rating of the Honda engines indicated in this document measures the net power output at 3600 rpm and net torque at 2500 rpm, as tested on a preproduction engine. 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.

\*\*SAE J1940 / J1995 horsepower ratings taken from competitor's published materials. \*\*Based on Honda internal testing.

**HONDA**

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**iGxV V-Twin EFI Series Engines**

CONSUMER AND DEALER





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**SAE J1349**

*Rated with air filter and muffler in place.*

**vs.**



**SAE J1995**

*Rated without air filter and muffler in place.*

## Power Output Comparisons: Honda Net vs. Other's Gross

SAE J1349 RATING	SAE J1995 RATING*	
<b>Honda iGXV</b>	<b>KAWASAKI FX Series</b>	<b>KOHLER Command Pro</b>
<b>iGXV700 (22.1 HP)</b>	<b>FX730V (23.5 HP)</b>	<b>ECV730 (23 HP)</b>
<b>iGXV800 (24.8 HP)</b>	<b>FX801V (25.5 HP)</b>	<b>ECV749 (26.5 HP)</b>

## Why Choose Honda iGXV V-Twin Engines?



### SAE J1349

Net horsepower is closer to the output in actual working conditions



### Drive-By-Wire Control

No more mechanically operated control cables



### Electronic Fuel Injection

Improves fuel efficiency, run time, and eliminates carburetor issues



### LED Fault Indicator

Quickly identifies potential servicing concerns



### STR Governor

Provides more stable engine speed under high load conditions



### Premium Regulator

Efficiently dissipates battery-damaging heat



### Forged Steel Connecting Rods

Added strength and durability for higher horsepower engines



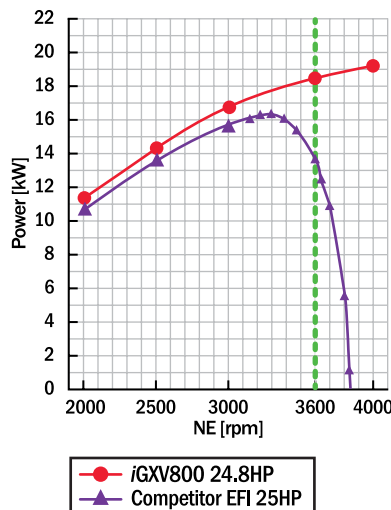
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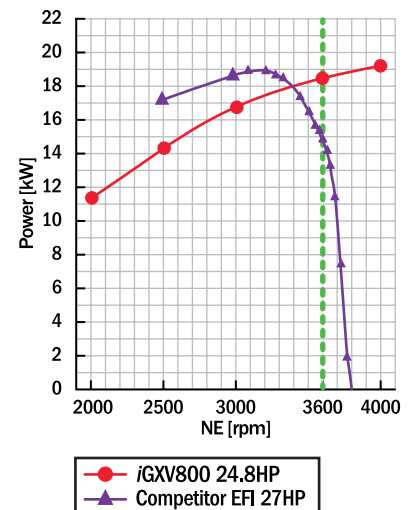
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Comparison of Governor Curve STR versus Competitive Mechanical\*\*



Comparison of Governor Curve STR versus Competitive Mechanical\*\*



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\*SAE J1995 horsepower ratings taken from competitor's published materials. \*\*Based on Honda internal testing.

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