

SAE Power Certification Form J2723 B

SAE J1995
Certified Power™

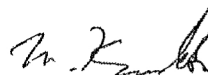
Manufacturer Name	Kawasaki Heavy Industries, Ltd.
Address:	1-1, Kawasaki-cho
City:	Akashi
State	Hyogo
Country:	Japan
Postal Code	673-8666
Engine:	FR541V(CKAXS.6032CC)
Type of Certification:	Single Engine Certification
Model Year & Vehicle Application(s).	2012; Lawn mowers
Test Standard:	J1995:Jun1995
Test Location:	Kawasaki, Akashi Plant, Bldg #10-5, Test bench #35
Engine Serial Number:	A00032
Test/Run Number:	318
Test Date:	Jun 30, 2011

RESULTS:

The engine described herein was tested on Jun 30, 2011 according to the requirements prescribed in J1995:Jun1995, Engine Power Test Code in the presence of a qualified SAE Witness, and was determined to produce the following results:

Parameter	Rated Speed	Rated Output	Measured Speed	Measured Output	% Difference
Power (hp)	3600	15.0	3600	17.20	+14.7
~~X~~ Torque (lb-ft)					

SAE Certified Witness: Masakatsu Kawakita
Date: Jun 30, 2011



APPROVALS:

Kawasaki Heavy Industries, Ltd. declares that the engine tested for this report is representative of engines in series production. Kawasaki Heavy Industries, Ltd. further declares that the performance of engines in series production will characteristically fall within 2% of the rated torque and power values indicated on this report.

Name: Katsuhito Kajitani
Title: Manager C&R Section
Date: 07/25/11

**Torque has been omitted from this application as it is not typically one of the key criteria for consumers when selecting products to which small general purpose engines are installed. Additionally test data suggests maximum torque rpm varies from engine to engine as a result of small engine technology tolerances. As a result Kawasaki is not requesting SAE certification for torque ratings."

WOT ENGINE POWER PLOT (as tested)

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Kawasaki General purpose engine

Engine model/version : FR541V/AS00
Engine serial number : A00032
Test/run number : 318

