

SAE J2723 AUG2007

SAE Power Certification
Form J2723 B

Manufacturer Name	Kawasaki Heavy Industries, Ltd.
Address:	1-1, Kawasaki-cho
City:	Akashi
State	Hyogo
Country:	Japan
Postal Code	673-8666
Engine:	FD851D(CKAXS.8242IA)
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 #34
Engine Serial Number:	000029
Test/Run Number:	23
Test Date:	Jun 03, 2011

RESULTS:

The engine described herein was tested on Jun 03, 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	31.0	3600	31.44	+1.4
* Torque (lb-ft)					

SAE Certified Witness: Kenji Washizu
Date: Jun 03, 2011

K. Washizu

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: *Katsuhiko 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)



Kawasaki General purpose engine

Engine model/version : FD851D/AS00
Engine serial number : 000029
Test/run number : 23

